



Member of AxFlow Group

# Pricelist

# 2026

Brown Brothers Engineers Australia is proud to be part of the AxFlow Group, a trusted and respected global leader in fluid handling solutions. As part of this international network, we combine a strong local presence with the strength, expertise, and support of a group operating in more than 30 countries.

AxFlow is an application and service-driven niche leader in the fluid handling industry. They partner with market-leading manufacturers to supply high-quality fluid handling equipment – including pumps, mixers, valves, heat exchangers, and instrumentation – and deliver added value through expert product selection, system design and construction, and responsive local service. [www.axflow.com](http://www.axflow.com)

## Brown Brothers Engineers Website



- Need a product brochure?
- A flow curve?
- A video on how to change a mechanical seal?
- Operating manual?
- A pump selection programme?

Check out our website to attain the information you need. Being device friendly means that you can access the content you need anywhere, anytime, from your mobile or other devices. Giving you greater flexibility.

## Brown Brothers Engineers Icons



**Warranty Icon:** Brown Brothers Engineers products are covered by a 1 to 5 year warranty. Next to each product you'll find the appropriate icon corresponding to the warranty period for that product. For more information on warranty please visit our website to view our full terms and conditions.



**Country of Origin Icon:** As a distributor of a comprehensive range of world renown brands, you'll find an icon corresponding to the origin of that product.



**AS/NZS4020 Icon:** This icon is used as a visual guide to help you quickly determine which products are AS4020 Approved.



**BBE Assembled Icon:** With full machining and fabricating capabilities, Brown Brothers Engineers can produce a wide variety of pump sets from standard designs to one-off custom units, which are indicated with this icon.

**Brown Brothers Engineers offers a comprehensive range of pumps and engineering capabilities to suit a wide range of applications including:**

**Commercial**

- Water Boosting
- HVAC
- Drainage
- Wastewater, Effluent
- Recycled Water
- Irrigation

**Municipal**

- Effluent
- Water Supply
- Storm Water
- Parks and Gardens

**Agriculture**

- Aquaculture
- Stock Water
- Transfer
- Boosting
- Bore Hole
- Effluent
- Wash Down

**Residential**

- Home
- Garden
- Drainage
- Effluent
- Water Harvesting/Reuse

**Mining**

- Dewatering
- Water Supply
- Truck Wash
- Effluent and Drainage

**Irrigation**

- Landscape
- Turf
- Golf Course
- Horticulture
- Broadacre Irrigation
- Machine Tool

**Industrial**

- Boiler Feed
- Chillers and Cooling
- Service Water
- Process Water
- Washdown
- Transfer
- Filtration



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### Pictures/Images

Pictures and images in this pricelist are a visual guide only and do not necessarily depict the product described in its entirety.

### Performance Curves

The curves in this pricelist are for reference only. Final selection should always be made from the individual product performance charts.

# 1. Domestic Pressure Systems

- Lowara e-HM, e-HMS Series with different controller options including Presflo and Presflo Multi, Goulds XBGR Series with MP Plus
- Pump Accessories including Pressure Controllers, AcquaSaver Mains Diversion Valve, Flow Switches, and Tanks



# Domestic Pressure Systems

## From Brown Brothers Engineers

Select the right pump for any household.

We have a comprehensive range from some of the world's leading brand pumps and controllers providing you with a full range of pumping solutions to meet your needs.

- Large range of pumps and controller options
- Easy to install
- To AS/NZS 4020
- 2 Year Warranty on pumps



GouldsWT XBGR



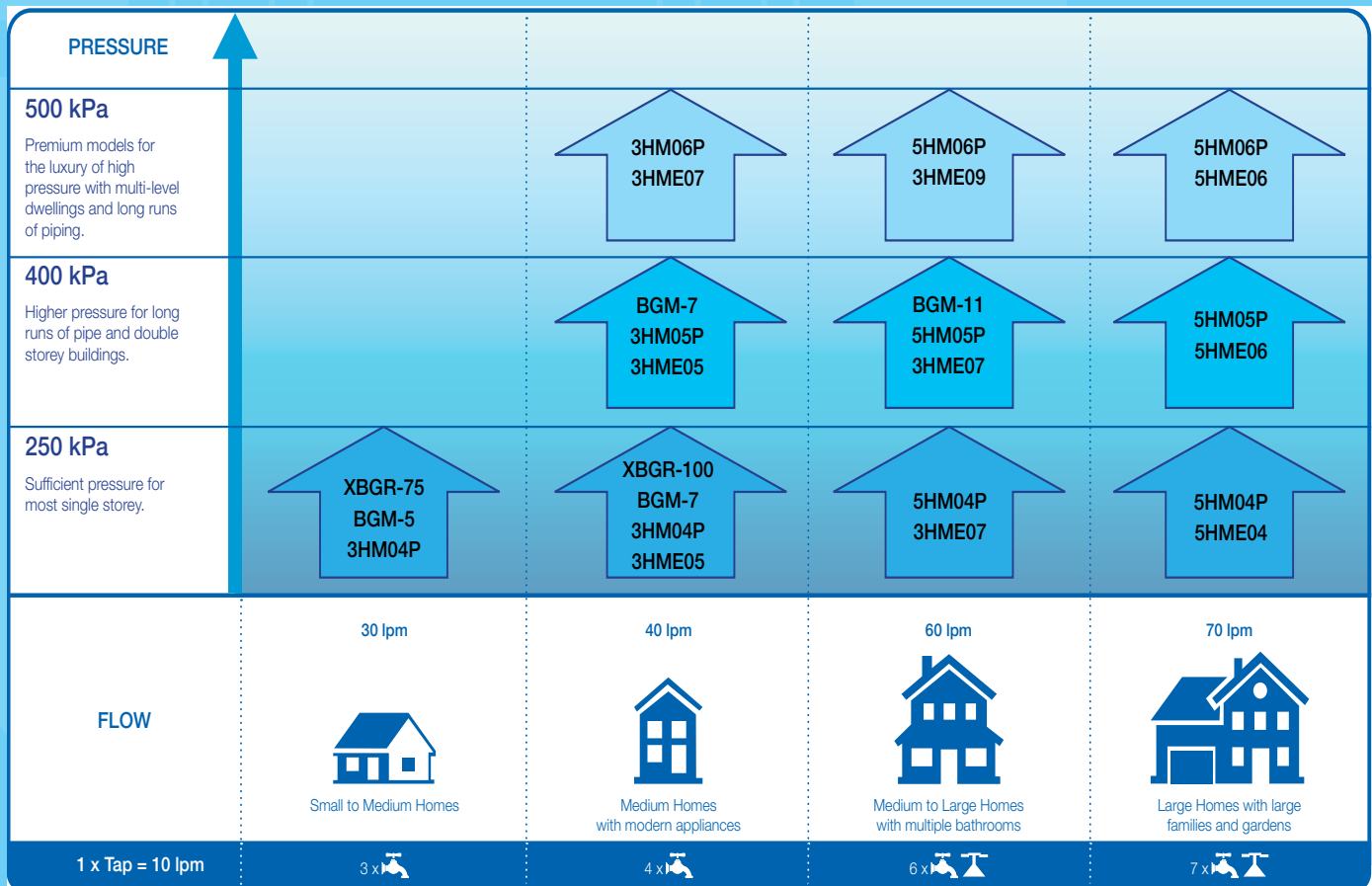
Lowara BGM



Lowara eHM



Lowara HME Smart Pump



## Domestic Pressure Systems

### XBGR with MP Plus Controller Pressure System

- Auto reset controller
- Pump and controller both AS/NZS 4020 approved and RCM Certified
- Available in 240 volt, 50Hz, Single Phase
- Plug and Play leads
- 2 year warranty



Product Code: GLBG			
Model	kW		
XBGR50-MP Plus	0.37		\$542
XBGR75-MP Plus	0.55		\$652
XBGR100-MP Plus	0.75		\$752



Selection curve for XBGR pumps  
page 13

### e-HM Pressure Systems

- All pumps are 240 volt and IP55
- 415 volt available on request
- HMS are AISI304 complete wet end
- Pumps to AS/NZS 4020
- Price includes pressure tank as stated, pressure switch, 5-way tee with built in check valve and pressure gauge
- Pressure systems with larger size tanks available upon request
- 2 year warranty on pumps; 5 year warranty on tanks



#### Noryl Impeller

Product Code: LWHM			
Model	kW	8 Lt Tank	18 Lt Tank
3HM02-PS	0.50	\$1,292	\$1,320
3HM03-PS	0.50	\$1,371	\$1,397
3HM04-PS	0.50	\$1,545	\$1,571
3HM05-PS	0.75	\$1,619	\$1,644
5HM02-PS	0.50	\$1,434	\$1,461
5HM03-PS	0.50	\$1,581	\$1,606
5HM04-PS	0.75	\$1,825	\$1,851
5HM05-PS	0.95	\$1,933	\$1,958

#### AISI304 Impeller

Product Code: LWHM			
Model	kW	8 Lt Tank	18 Lt Tank
3HMS05-PS	0.50	\$1,469	\$1,496
3HMS06-PS	0.50	\$1,588	\$1,614
5HMS03-PS	0.50	\$1,519	\$1,545
5HMS04-PS	0.50	\$1,564	\$1,589
5HMS05-PS	0.75	\$1,639	\$1,664



Selection curves for e-HM pumps  
pages 15, 17 and 18

### e-HM with PC Plus Controller Pressure System

- Dry run protection with auto restart controller
- Pump and controller both AS/NZS 4020 approved and RCM Certified
- All pumps are 240 volt and IP55
- 415 volt available on request
- HMS are AISI304 complete wet end
- 2 year warranty



#### Noryl Impeller

Product Code: LWHM			
Model	kW		
3HM04-PCPLUS	0.50		\$1,430
3HM05-PCPLUS	0.75		\$1,514
3HM06-PCPLUS	0.95		\$1,707
5HM04-PCPLUS	0.75		\$1,702
5HM05-PCPLUS	0.95		\$1,812
5HM06-PCPLUS	1.10		\$1,839

#### AISI304 Impeller

Product Code: LWHM			
Model	kW		
3HMS04-PCPLUS	0.50		\$1,247
3HMS05-PCPLUS	0.50		\$1,337
3HMS06-PCPLUS	0.50		\$1,464
5HMS05-PCPLUS	0.75		\$1,592

**1. Cast Iron Pressure Systems**

- All pumps 240 volt, Single Phase and IP55
- Solid Cast Iron Construction
- Twin Impeller
- Shallow well and Deep well models
- M denotes single phase
- Plug n Play electrical connections
- 2 year warranty on pumps; 5 year warranty on tanks



**Constant Pressure System**

- Constant Pressure System include Pressure Controller
- Dry Run protection with auto reset
- Anti-cycling protection

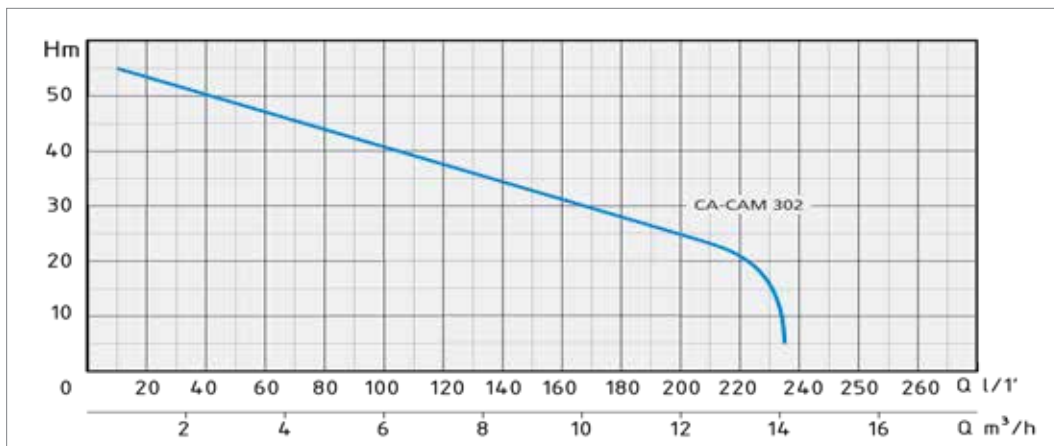
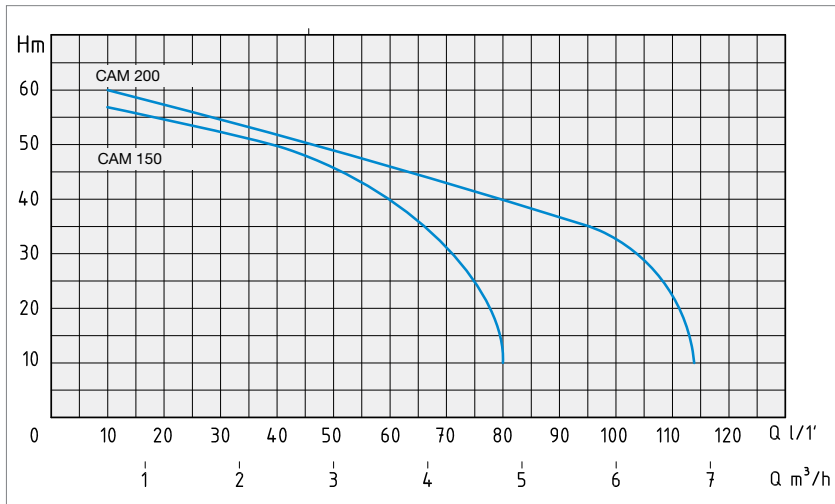
**Pressure System**

- Pressure system includes brass 5 way tee, pressure switch and pressure gauge

Product Code: SPPM				
Model	kW	Bare Pump	PF1622	PFM16
Deep Well				
APM 150	1.1	\$1,291	\$1,585	\$1,824
APM 200	1.5	\$1,340	\$1,633	\$1,873
Shallow Well				
CAM 150	1.1	\$1,327	\$1,621	\$1,860
CAM 200	1.5	\$1,382	\$1,676	\$1,915
CAM 302	2.2	\$1,875	\$2,169	\$2,408
CA 302	2.2	\$2,025	-	-

Product Code: SPPM		
Model	kW	Pressure System
Deep Well		
APM 150-PS	1.1	\$1,386
APM 200-PS	1.5	\$1,447
Shallow Well		
CAM 150-PS	1.1	\$1,437
CAM 200-PS	1.5	\$1,490
CAM 302-PS	2.2	\$2,046
CA 302-PS	2.2	\$2,276

Find pressure tanks on pages 11



### PresFlo Pressure Systems

- All pumps are 240 volt and IP55
- HMS are AISI304 complete wet end
- Pumps to AS/NZS 4020
- Loss of prime protection
- Anti-cycling protection
- Controller auto start, IP65 and rated to 12 Amps
- Plug and Play leads
- 2 year warranty




Product Code: LWHM		
Model	kW	
3HM03-PF1615	0.50	\$1,243
3HM04-PF1622	0.50	\$1,430
3HM05-PF1622	0.75	\$1,514
3HM06-PF1622	0.95	\$1,707
5HM02-PF1615	0.50	\$1,277
5HM03-PF1615	0.50	\$1,435
5HM04-PF1622	0.75	\$1,702
5HM05-PF1622	0.95	\$1,812
5HM06-PF1622	1.10	\$1,893

Product Code: LWHM		
Model	kW	
3HMS04-PF1615	0.50	\$1,247
3HMS05-PF1622	0.50	\$1,337
3HMS06-PF1622	0.50	\$1,464
3HMS07-PF1622	0.55	\$1,578
5HMS03-PF1615	0.50	\$1,409
5HMS04-PF1615	0.50	\$1,456
5HMS05-PF1622	0.75	\$1,542
5HMS06-PF1622	0.75	\$1,932
5HMS08-PF1622	0.95	\$2,066

Product Code: LWBG		
Model	kW	
BGM5-PF1615	0.55	\$1,293
BGM7-PF1622	0.75	\$1,351
BGM9-PF1622	0.90	\$1,428
BGM11-PF1622	1.10	\$1,842



 Selection curves for e-HM pumps pages 15, 17 and 18; BGM pumps page 13

### PresFlo Multi Pressure Systems

- All pumps are 240 volt and IP55
- HMS are AISI304 complete wet end
- Pumps to AS/NZS 4020
- Loss of prime protection
- Anti-cycling protection
- Adjustable current protection controller
- Adjustable start pressure
- 2 litre pressure tank
- Controller auto start, IP65 and rated to 12 Amps
- Plug and Play leads
- 2 year warranty



Product Code: LWHM		
Model	kW	
3HM03-PFM16	0.50	\$1,466
3HM04-PFM16	0.50	\$1,649
3HM05-PFM16	0.75	\$1,733
3HM06-PFM16	0.95	\$1,927
5HM02-PFM16	0.50	\$1,500
5HM03-PFM16	0.50	\$1,656
5HM04-PFM16	0.75	\$1,920
5HM05-PFM16	0.95	\$2,030
5HM06-PFM16	1.10	\$2,113

Product Code: LWHM		
Model	kW	
3HMS04-PFM16	0.50	\$1,473
3HMS05-PFM16	0.50	\$1,561
3HMS06-PFM16	0.50	\$1,687
5HMS03-PFM16	0.50	\$1,636
5HMS04-PFM16	0.50	\$1,685
5HMS05-PFM16	0.75	\$1,766

Product Code: LWBG		
Model	kW	
BGM5-PFM16	0.55	\$1,515
BGM7-PFM16	0.75	\$1,573
BGM9-PFM16	0.90	\$1,646
BGM11-PFM16	1.10	\$2,061



1.

## Controllers

### PresFlo: Pump Pressure Controller

- Run dry / Excessive cycling protection
  - Auto reset
  - Preset start pressure controllers, with gauge
  - Male 25mm barrel unions included
  - Includes Plug and Play leads
  - 2 year warranty
- Separate motor leads required when used on non-Lowara pump products



Product Code: DGPC		
Model		
PF1615P	1.5 kW, 1.5 bar start pressure, 12 Amps	\$289
PF1622P	1.5 kW, 2.2 bar start pressure, 12 Amps	\$291

### PresFlo Multi: Adjustable Pressure Controller

- Programmable start pressure (adjustable from 1 to 5 Bar) and max. current
  - Multi function pump controller with 2L pressure tank
  - Male 25mm barrel unions included
  - Includes Plug and Play leads
  - 2 year warranty
- Separate motor leads required when used on non-Lowara pump products



Product Code: DGPC		
Model		
PFM16+G	1.5 kW, maximum 12 Amps	\$528

### SteadyPres: Variable Speed Drive - Single Phase

- Variable speed constant pressure controller works in conjunction with a pressure tank (sold separately)
- LCD Display
- Programmable set and start pressures
- Over temperature protection
- Run dry / Excessive cycling protection
- Single-phase input / single-phase output
- Three-phase available on request
- Unions are included with controller
- 2 year warranty



Product Code: DGPC		
Model		
ST M/M 11DE	1.5 kW and below, maximum 11 Amps	\$1,789
ST M/M 13DE	2.2 kW, maximum 16 Amps	\$2,205
E Card	Communication with other controllers	\$225

### Preset: Electronic Pressure Switch

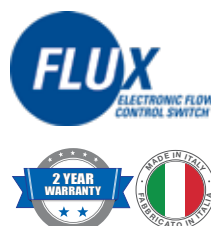
- LCD Display
- Programmable start / stop pressures 1-9 bar
- Electronic pressure switch works in conjunction with a pressure tank (sold separately)
- Male 25mm barrel unions included
- 2 year warranty



Product Code: DGPC		
Model		
PS16	1.5 kW, maximum 10 Amps	\$413

### Flux: Electronic Flow Switch

- Electronic flow switch
- Start / Stop pump at 1-2 Litres/min
- Male 25mm barrel unions included
- 2 year warranty



Product Code: DGPC		
Model		
FL16	2.2 kW, maximum 16 Amps	\$196

<b>Barrel Union</b>	Male 25mm Barrel Union	P/No: DGSP 00108300A	\$34
<b>Plug&amp;Play Motor Lead</b>	Female 0.3MTR 10 Amps	P/No: DGSP LEAD-F.3/10	\$6
<b>3 Pin Plug Motor Lead</b>	1.5MTR 10 Amps	P/No: DGSP LEAD 1.5/10	\$16

### Plus Controllers

- Compact and functional device
- Auto reset after dry run
- AS/NZS 4020 approved and RCM Certified
- Includes Plug & Play leads
- Separate motor leads required when used on non-Lowara/Goolds pump products
- Available in 240 volt, 50Hz, single-phase
- 2 year warranty



Product Code: ADPC		
Model	Part No	
MP Plus 1.1 kW 1.5 bar	MPPLUS-01A15-20	\$237
PC Plus 1.5 kW 1.5 bar	PCPLUS-01A22	\$342

### Flow Switches

#### Kelco Flow Switches

- F60 MK3 fully functioned pump controller
- 15 built in programmable timers
- 1" BSP connection
- Can be used with single-phase or three-phase pumps provided a 220~240V supply is available
- A dedicated 12VDC model is also available-POA
- 1 year warranty



Product Code: AKMS		
Flow Switches	Part No	
Kelco Flow Switch UB25R 25mm	AKMS50232	\$424
Kelco Flow Switch F-H-25B	AKMS50204	\$479
Kelco Flow Switch F-H-25B-SS	AKMS50207	\$658
Kelco Flow Switch F29S	AKMS50212	\$832
Kelco Pump Controller F60	AKMS50199	\$1,001
Kelco E30 Digital Pressure Switch	AKMS50245	\$867

### Pressure Switches

#### Pressure Switches

- Unique 5-way tee design with built in pressure switch and pressure gauge - AKMS50104
- High amperage capability rated to 17A 1Ph (2.2Kw)
- Capable of both single and three phase input - AKMS50105
- Easy to adjust cut in/cut out settings
- 1 year warranty



Product Code: AKMS					
Pressure Switches	Part No	Amps (Max)	kW (max)	Pressure (Max)	
Pressure Switch SK-2P 30-50PSI 1Ph	AKMS50103	17A	2.2	6 Bar	\$37
Pressure Switch 5-Way SK-2B 30-50PSI 1Ph	AKMS50104	17A	2.2	6 Bar	\$84
Pressure Switch SK-20 30-50PSI 1Ph/3Ph 12 BAR	AKMS50105	16/10A	3.5	12 Bar	\$95
Pressure Switch SK-6 LOP 30-50PSI 1Ph	AKMS50106	12A	1.5	6 Bar	\$65



SK-2P



SK-6 LOP



5-way tee



SK-20 with clear cover

1.

## Float Switches

### MAC3 EGM Float Switches

- Double Chamber with built in counter weight
- Designed for Clear, Waste and Sewerage applications
- Ideal for turbulent water environments
- Dual operation mode for tank fill or tank emptying applications
- EGMATEX Model -suitable for explosive environments
- 1 year warranty



Product Code: MAC3			
Float Switches	Part No		
10M BLUE FLOAT/BLACK CBL NBR/PVC EGM10	MAC3 EGM10		\$442
20M BLUE FLOAT/BLACK CBL NBR/PVC EGM20	MAC3 EGM20		\$610
20M BLACK CBL NBR/PVC REQ - EX Approved	MAC3 EGMATEX		\$760

### MAC3 KEY Float Switches

- Designed for Clear, Rain, Storm Water applications
- Dual operation mode for tank fill or tank emptying applications
- Max fluid temp 50deg C
- IP68
- 1 year warranty



Product Code: MAC3			
Float Switches	Part No		
FLOAT SWITCH 3M MAC3	MAC3 50319		\$85
FLOAT SWITCH 5M MAC3	MAC3 50321		\$110
FLOAT SWITCH 10M MAC3	MAC3 50322		\$165
FLOAT SWITCH 20M MAC3	MAC3 50323		\$289
FLOAT SWITCH COUNTER WEIGHT MAC3	MAC3 50318		\$16

## 5-Way Tees

- 304 stainless steel construction
- Inbuilt check valve
- Port for pressure gauge
- Port for pressure switch or pressure transducer
- 1 year warranty



Product Code: AKMS			
5-Way Tees	Part No		
25MM 304SS 5-WAY TEE W/INTERNAL CV	AKMS70155		\$83
32MM 304SS 5-WAY TEE W/INTERNAL CV	AKMS70156		\$120
40MM 304SS 5-WAY TEE W/INTERNAL CV	AKMS70157		\$150
50MM 304SS 5-WAY TEE W/INTERNAL CV	AKMS70158		\$177

## AcquaSaver

### Mains to Tank Diversion Valve

- Watermark approved to WMTS-477:2016
- Hydraulically operated
- Solid brass construction
- Maximum Flow
- 20mm 50 Litres/min
- 25mm 100 Litres/min
- 3 year extended warranty



25mm design



20mm design

Product Code: AQUA			
Model	Part No		
AcquaSaver 20mm (3/4") Valve	AQUASAVER 20mm V2		\$316
AcquaSaver 25mm (1") Valve	AQUASAVER 25mm		\$553

## Tanks / Pressure Vessels

- Fixed diaphragm pressure tanks
- Heavy duty butyl rubber diaphragm and polypropylene liner
- Cold rolled carbon steel shell with 304 stainless steel connector
- Maximum operating temperature 90°C

Note: Not all sizes are available ex-stock. Contact us for availability on larger sizes.



### Pumplus

#### 10 Bar Rated

Product Code: LWPT			
Model	Connection size (mm)	Tank-size Litres	
APT-3-10	25	3	\$101
APT-8-10	25	8	\$153
APT-12-10	25	12	\$166
APT-18-10	25	18	\$179
APT-24-10	25	24	\$226
APT-40-10	25	40	\$306
Stand Models With Base			
APT-60-10	25	60	\$559
APT-80-10	25	80	\$696
APT-100-10	25	100	\$805
APT-120-10	25	120	\$1,017
APT-160-10	32	160	\$1,349
APT-200-10	32	200	\$1,492
APT-240-10	32	240	\$1,732
APT-300-10	32	300	\$1,904
APT-450-10	32	450	\$2,862

#### Horizontal Models (10 Bar Rated)

Product Code: LWPT			
Model	Connection size (mm)	Tank-size Litres	
APT18-10-H	25	18	\$218
APT24-10-H	25	24	\$256
APT40-10-H	25	40	\$380

Larger sizes available on request.



### Megaplus

#### 16 Bar Rated

Product Code: LWPT			
Model	Connection size (mm)	Tank-size Litres	
MEGA8-16	25	8	\$268
MEGA18-16	25	18	\$374
MEGA24-16	25	24	\$433
MEGA40-16	25	40	\$622
Stand Models With Base			
MEGA60-16	25	60	\$1,194
MEGA80-16	25	80	\$1,587
MEGA100-16	25	100	\$1,960
MEGA160-16	32	160	\$3,740
MEGA200-16	32	200	\$4,132
MEGA300-16	32	300	\$5,439



25 Bar and All-Weather tanks are also available on request.

## 2. Domestic / Light Industrial Pumps

- Lowara BGM, C, CO, and e-HM
- Goulds Water Technology XBGR
- Pedrollo PKM



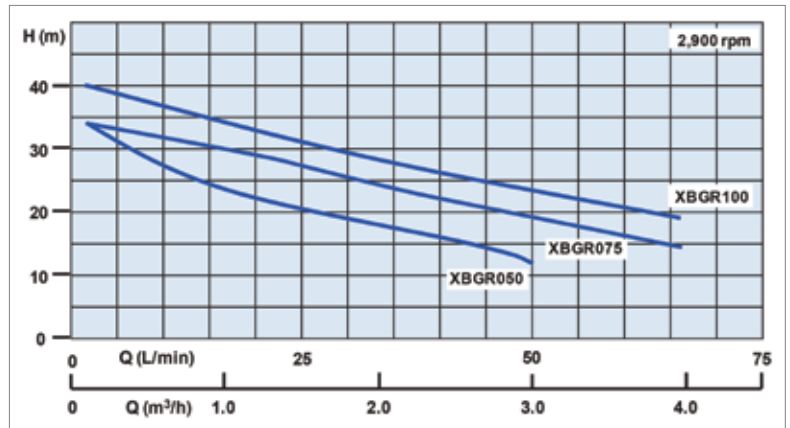
## XBGR Series

### Centrifugal Jet Pumps

- Self-priming, IP55 motor protection
- Standard mech seal carbon/ceramic-EPDM
- Supplied with Plug & Play leads
- AS/NZ4020 approved
- RCM certified
- 2 year warranty



Product Code: GLBG			
Model	kW	240 V 1 Phase 50Hz	
XBGR-50	0.37	\$385	
XBGR-75	0.55	\$492	
XBGR-100	0.75	\$589	



## BGM Series

### Shallow Well Jet Pumps

- M denotes single-phase
- Self-priming
- IP55 motor protection
- Standard mech seal carbon/ceramic-NBR
- Single-phase pumps supplied with lead and plug
- AS/NZ4020 approved
- 2 year warranty

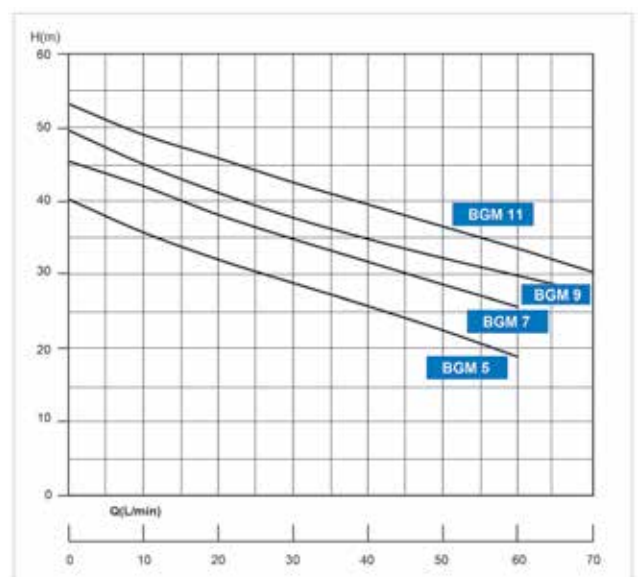


Product Code: LWBG			
Model	kW	240 V 1 Phase 50Hz	
BGM-3	0.37	\$1,012	
BGM-5	0.55	\$1,096	
BGM-7	0.75	\$1,157	
BGM-9	0.90	\$1,237	
BGM-11	1.10	\$1,681	

Available as a Pressure System package - POA

Product Code: LWBG			
Model	kW	415 V 3 Phase 50Hz	
BG-3	0.37	\$985	
BG-5	0.55	\$1,062	
BG-7	0.75	\$1,120	
BG-9	0.90	\$1,200	
BG-11	1.10	\$1,578	

Available as a Pressure System package - POA



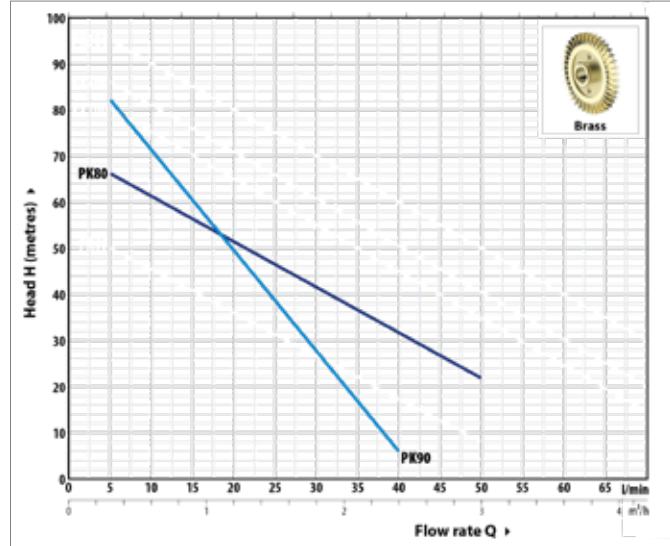
## Peripheral Turbine Pumps

### PKM Series

- Liquid temperatures between -10°C to 60°C
- Ambient temperature up to 40°C
- Standard mech seal:
  - PKM-80 Cer/Graph/NBR
  - PKM-90 Sic Car/Graph/NBR
- Single-phase pumps
- 1 year warranty



Product Code: DGPP			
Model	kW	240 V 1 Phase 50Hz	
PKM80	0.75		\$650
PKM90	0.75		\$670



# Custom Engineering Capabilities

## From Brown Brothers Engineers



The team at Brown Brothers Engineers are regularly designing and building products to custom specifications.

Tell us what you are trying to achieve, and we will custom build a solution. From design, fabrication, assembly and testing, we can deliver a pumping solution for most situations.

With dedicated workshop facilities in Melbourne and Brisbane, along with our inventory of quality brand components, our skilled team have the experience and expertise you can rely on.

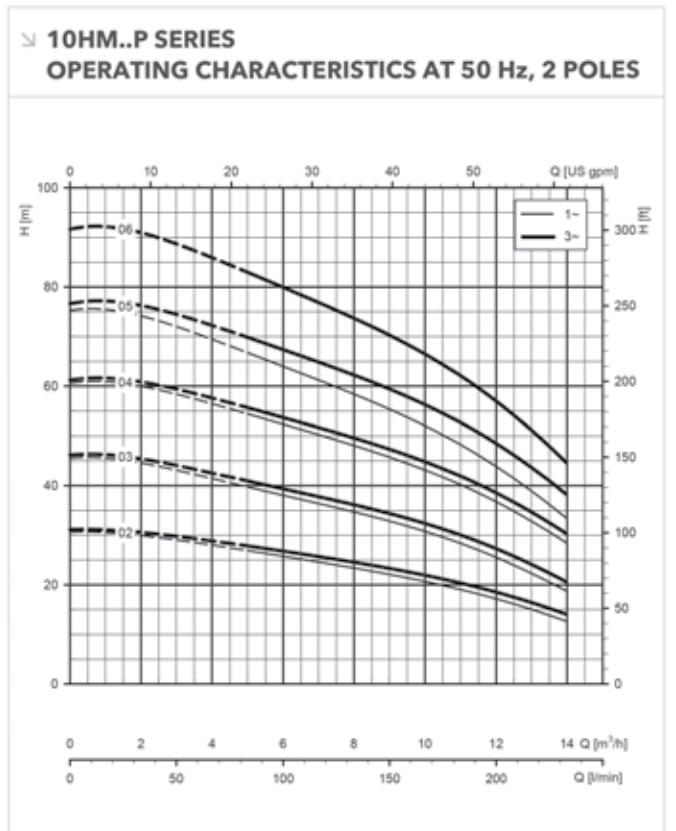
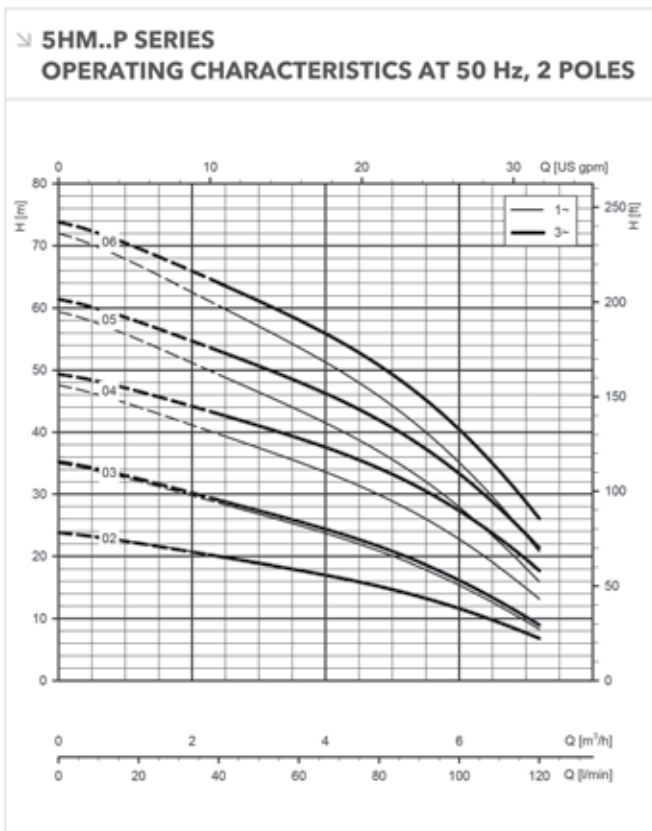
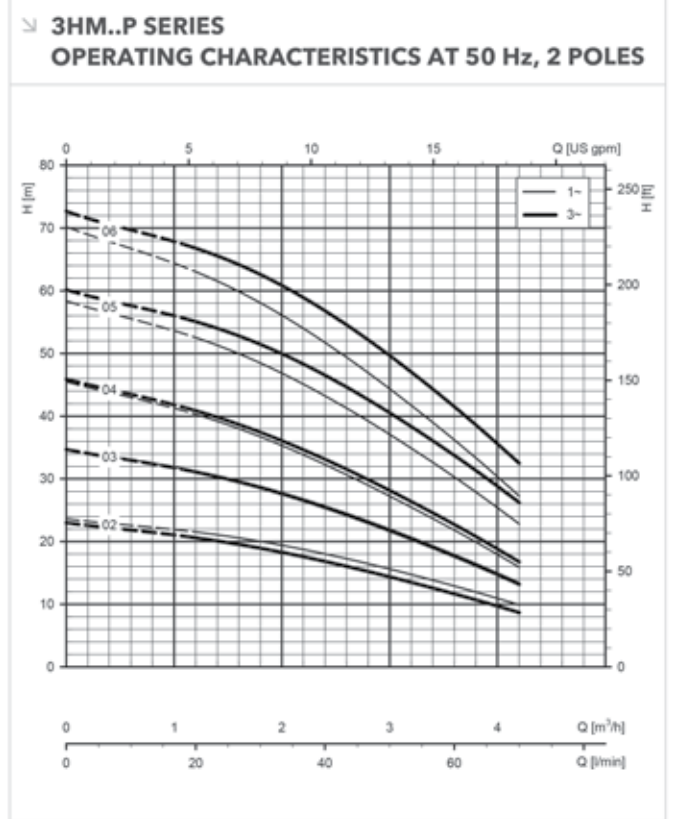
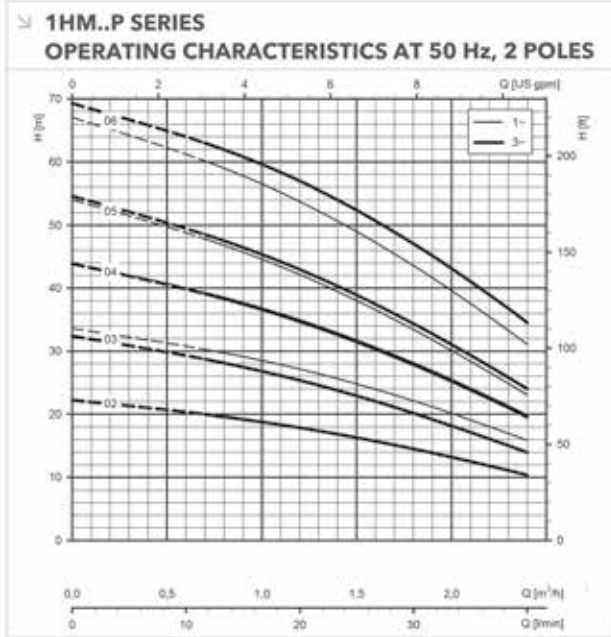
### What can we build for you?

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e-HM / P Series Curves

PERFORMANCE CURVES AT 2900 RPM



## e-HM Series

### Horizontal Multi-Stage Centrifugal Pumps

- T denotes three-phase
- Standard mech seal carbon/ceramic-EPDM
- Single-phase pumps supplied with lead and plug
- Pump casing, seal plate, diffusers in AISI 304 stainless steel
- Noryl impellers
- IP55
- AS/NZ4020 approved
- 2 year warranty



Please Note: Pump performance varies depending on phase and materials, refer to technical data books.

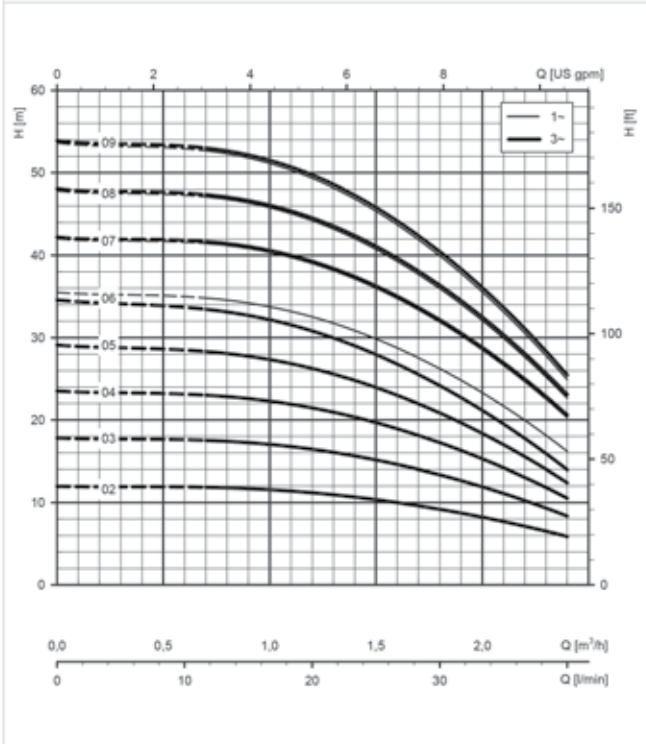
#### Noryl Impeller

Product Code: LWHM		
Model	kW	240 V 1 Phase 50Hz
1HM-03	0.50	\$994
1HM-04	0.50	\$1,050
1HM-05	0.50	\$1,099
1HM-06	0.75	\$1,185
3HM-02	0.50	\$891
3HM-03	0.50	\$994
3HM-04	0.50	\$1,181
3HM-05	0.75	\$1,267
3HM-06	0.95	\$1,468
5HM-02	0.50	\$1,027
5HM-03	0.50	\$1,190
5HM-04	0.75	\$1,461
5HM-05	0.95	\$1,573
5HM-06	1.10	\$1,655
10HM-02	1.10	\$1,670
10HM-03	1.50	\$1,703
10HM-04	2.20	\$2,631
10HM-05	2.20	\$2,881

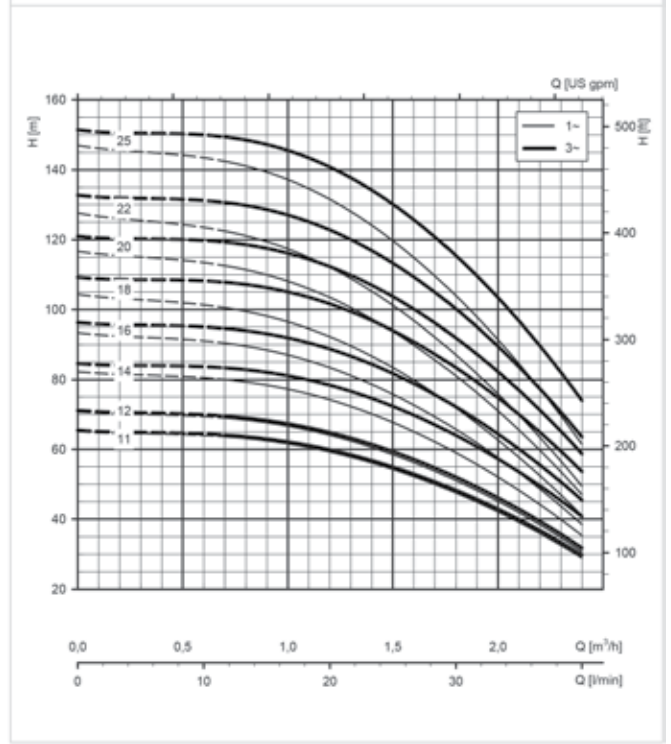
Product Code: LWHM		
Model	kW	415 V 3 Phase 50Hz
1HM-02T	0.30	\$911
1HM-03T	0.30	\$945
1HM-04T	0.40	\$1,022
1HM-05T	0.50	\$1,050
1HM-06T	0.75	\$1,151
3HM-02T	0.30	\$803
3HM-03T	0.40	\$965
3HM-04T	0.50	\$1,083
3HM-05T	0.75	\$1,230
3HM-06T	1.10	\$1,368
5HM-02T	0.40	\$998
5HM-03T	0.50	\$1,153
5HM-04T	1.10	\$1,423
5HM-05T	1.10	\$1,511
5HM-06T	1.50	\$1,614
10HM-02T	1.10	\$1,657
10HM-03T	1.50	\$1,749
10HM-04T	2.20	\$2,415
10HM-05T	3.00	\$2,771
10HM-06T	3.00	\$2,938

**e-HMS Series Curves**

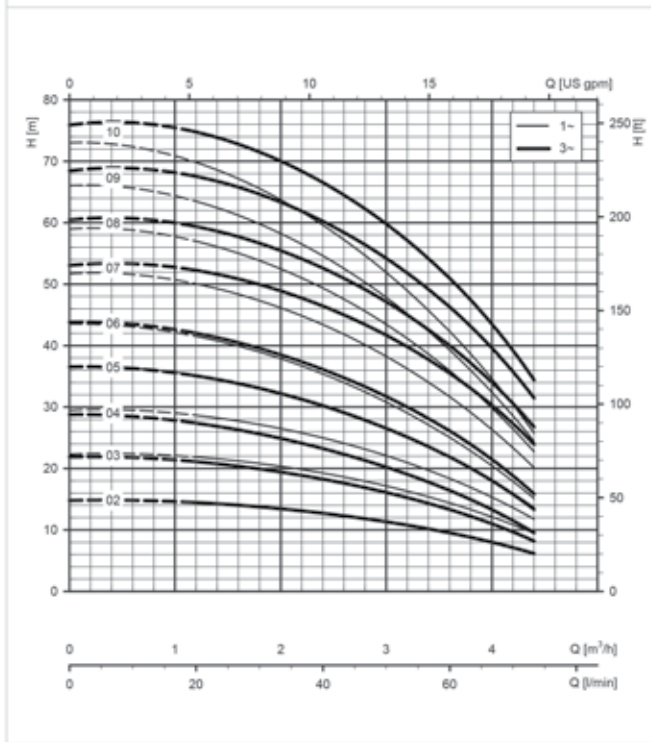
↳ **1HM..S - 1HM..N SERIES, (2 TO 9 STAGES)**  
**OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES**



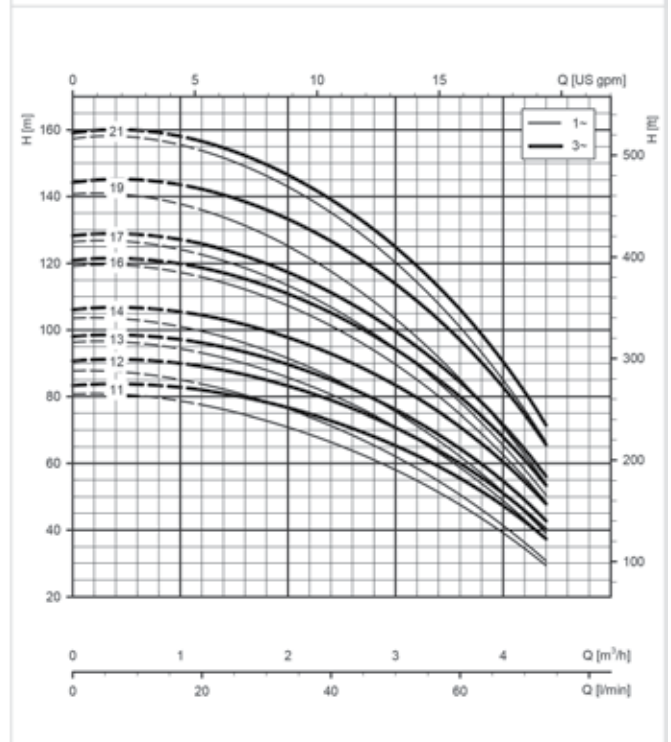
↳ **1HM..S - 1HM..N SERIES, (11 TO 25 STAGES)**  
**OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES**



↳ **3HM..S - 3HM..N SERIES, (2 TO 10 STAGES)**  
**OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES**

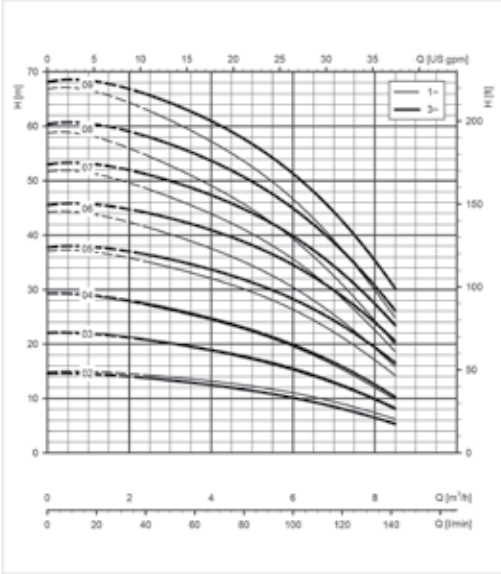


↳ **3HM..S - 3HM..N SERIES, (11 TO 21 STAGES)**  
**OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES**

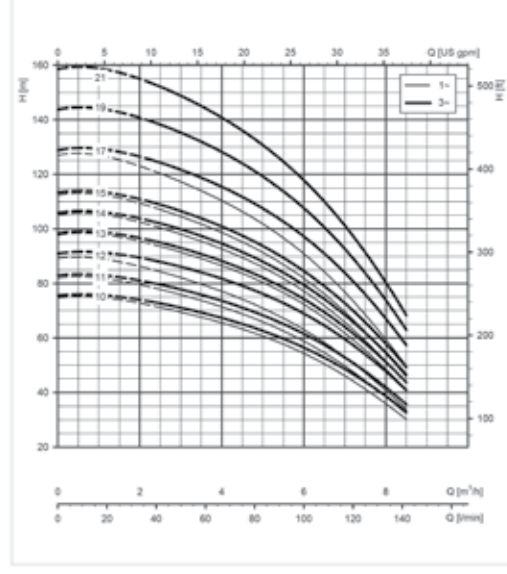


e-HMS Series Curves Continued

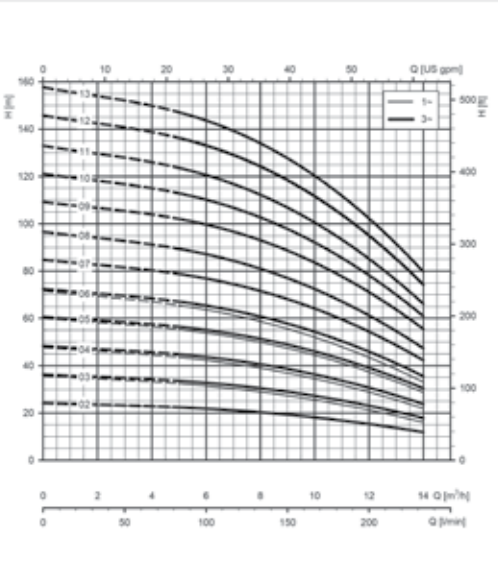
5HM..S - 5HM..N SERIES, (2 TO 9 STAGES)  
OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



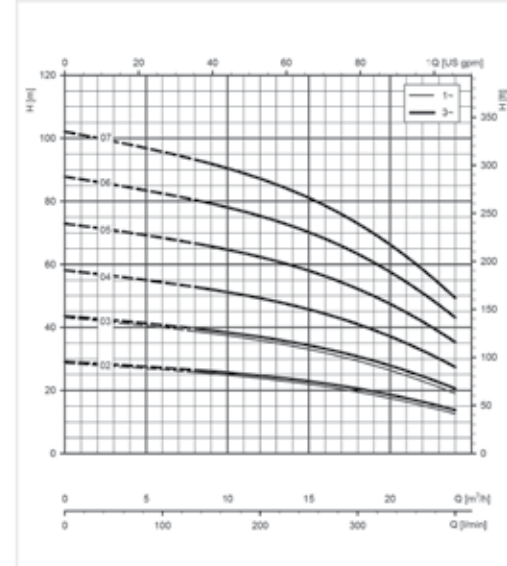
5HM..S - 5HM..N SERIES, (10 TO 21 STAGES)  
OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



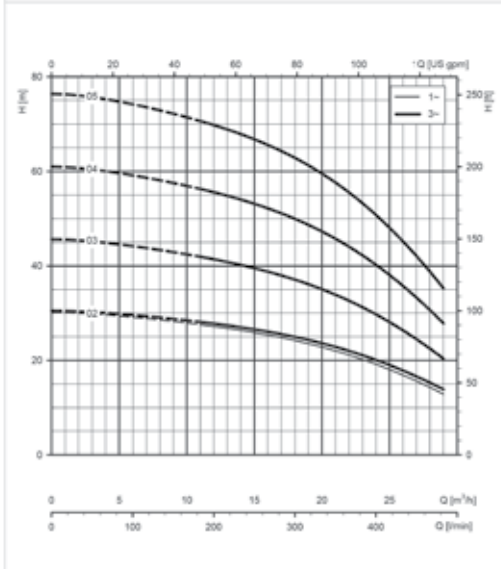
10HM..S - 10HM..N SERIES  
OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



15HM..S - 15HM..N SERIES  
OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



22HM..S - 22HM..N SERIES  
OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



## e-HMS Series-304 Stainless Steel

### Horizontal Multi-Stage Centrifugal Pumps

- Pump casing, seal plate, diffusers and impellers in AISI 304 stainless steel
- Single-phase pumps supplied with lead and plug
- T denotes three-phase
- S denotes AISI 304 stainless steel complete wet end
- IP55
- AS/NZ4020 approved
- 2 year warranty
- Available in AISI 316 stainless steel - POA



Please Note: Pump performance varies depending on phase and materials, refer to technical data books.

#### AISI304 Impeller

Product Code: LWHM		
Model	kW	240 V 1 Phase 50Hz
1HMS-06	0.50	\$1,128
1HMS-07	0.55	\$1,427
1HMS-08	0.55	\$1,447
1HMS-09	0.55	\$1,611
1HMS-11	0.55	\$1,669
1HMS-12	0.55	\$1,712
1HMS-14	0.75	\$1,818
1HMS-16	0.75	\$1,924
1HMS-18	0.75	\$2,196
1HMS-20	0.95	\$2,325
1HMS-22	0.95	\$2,405
1HMS-25	1.10	\$2,696
3HMS-03	0.50	\$949
3HMS-04	0.50	\$993
3HMS-05	0.50	\$1,083
3HMS-06	0.50	\$1,209
3HMS-07	0.55	\$1,340
3HMS-08	0.75	\$1,500
3HMS-09	0.75	\$1,719
3HMS-10	0.75	\$1,784
3HMS-11	0.95	\$1,833
3HMS-12	0.95	\$1,933
3HMS-13	1.10	\$2,130
3HMS-14	1.10	\$2,221
3HMS-16	1.50	\$2,392
3HMS-17	1.50	\$2,554
3HMS-19	1.50	\$2,657
3HMS-21	2.20	\$3,496

Product Code: LWHM		
Model	kW	240 V 1 Phase 50Hz
5HMS-02	0.50	\$1,073
5HMS-03	0.50	\$1,156
5HMS-04	0.50	\$1,207
5HMS-05	0.75	\$1,289
5HMS-06	0.75	\$1,689
5HMS-07	0.95	\$1,767
5HMS-08	0.95	\$1,824
5HMS-09	1.10	\$2,036
5HMS-10	1.50	\$2,189
5HMS-11	1.50	\$2,246
5HMS-12	1.50	\$2,367
5HMS-13	2.20	\$3,695
5HMS-14	2.20	\$3,891
5HMS-15	2.20	\$3,946
5HMS-17	2.20	\$4,055
10HMS-02	1.10	\$1,847
10HMS-03	1.10	\$1,841
10HMS-04	1.50	\$1,987
10HMS-05	2.20	\$2,987
10HMS-06	2.20	\$3,232
15HMS-02	1.50	\$2,264
15HMS-03	2.20	\$2,952
22HMS-02	2.20	\$3,346

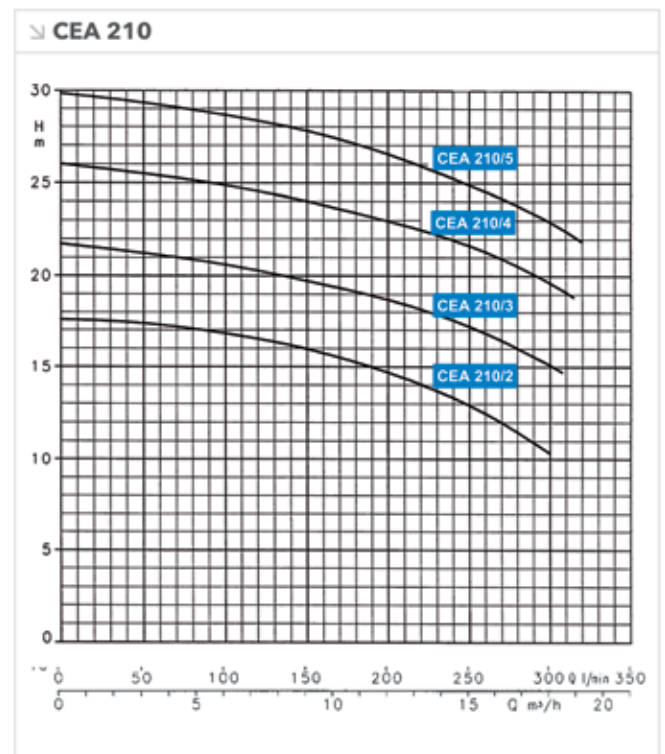
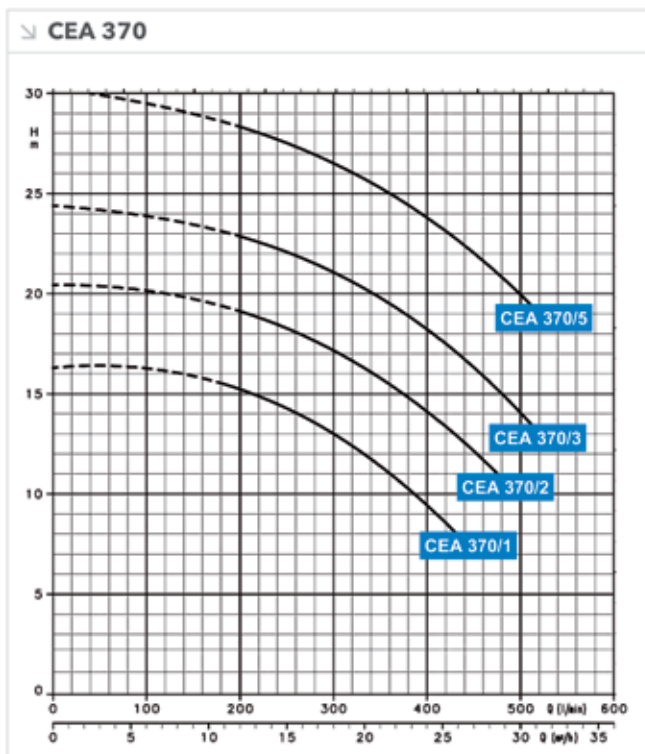
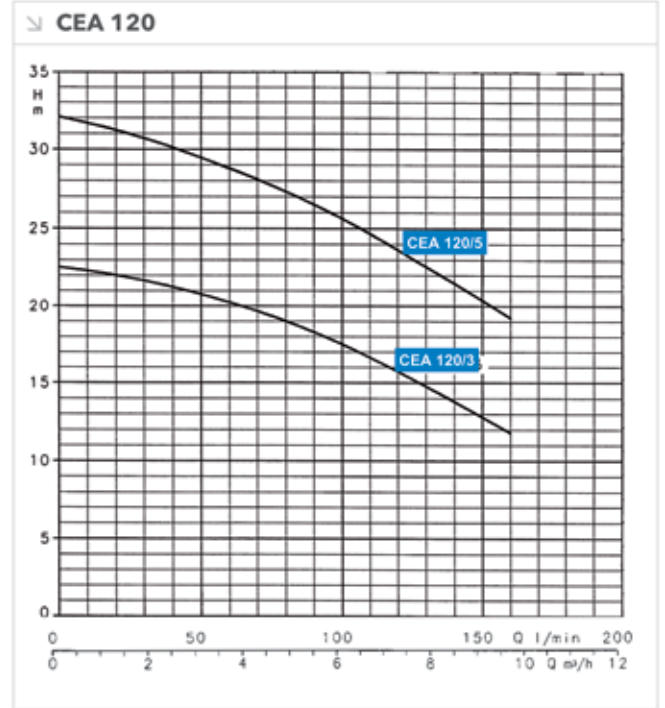
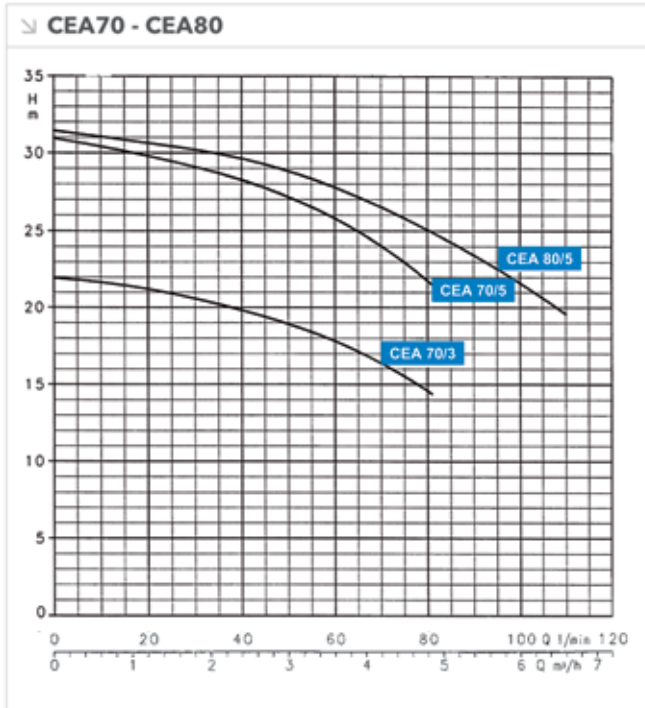
e-HMS Series (Cont.)

AISI304 Impeller

Product Code: LWHM		
Model	kW	415 V 3 Phase 50Hz
1HMS-02T	0.30	\$993
1HMS-03T	0.30	\$1,012
1HMS-04T	0.30	\$1,070
1HMS-05T	0.30	\$1,124
1HMS-06T	0.30	\$1,174
1HMS-07T	0.55	\$1,395
1HMS-08T	0.55	\$1,427
1HMS-09T	0.55	\$1,579
1HMS-11T	0.55	\$1,675
1HMS-12T	0.55	\$1,730
1HMS-14T	0.75	\$1,818
1HMS-16T	0.75	\$1,931
1HMS-18T	1.10	\$2,243
1HMS-20T	1.10	\$2,432
1HMS-22T	1.10	\$2,817
1HMS-25T	1.50	\$3,064
3HMS-02T	0.30	\$866
3HMS-03T	0.30	\$917
3HMS-04T	0.30	\$1,012
3HMS-05T	0.40	\$1,098
3HMS-06T	0.50	\$1,174
3HMS-07T	0.75	\$1,350
3HMS-08T	0.75	\$1,445
3HMS-09T	1.10	\$1,757
3HMS-10T	1.10	\$1,943
3HMS-11T	1.10	\$2,028
3HMS-12T	1.10	\$2,095
3HMS-13T	1.10	\$2,138
3HMS-14T	1.50	\$2,320
3HMS-16T	1.50	\$2,437
3HMS-17T	1.50	\$2,602
3HMS-19T	2.20	\$3,321
3HMS-21T	2.20	\$3,415

Product Code: LWHM		
Model	kW	415 V 3 Phase 50Hz
5HMS-02T	0.30	\$1,001
5HMS-03T	0.40	\$1,073
5HMS-04T	0.50	\$1,117
5HMS-05T	0.75	\$1,156
5HMS-06T	1.10	\$1,584
5HMS-07T	1.10	\$1,656
5HMS-08T	1.10	\$1,850
5HMS-09T	1.50	\$2,023
5HMS-10T	1.50	\$2,116
5HMS-11T	1.50	\$2,339
5HMS-12T	2.20	\$2,582
5HMS-13T	2.20	\$2,941
5HMS-14T	2.20	\$3,143
5HMS-15T	2.20	\$3,202
5HMS-17T	3.00	\$3,527
5HMS-19T	3.00	\$3,662
5HMS-21T	3.00	\$3,796
10HMS-02T	0.75	\$1,716
10HMS-03T	1.10	\$1,757
10HMS-04T	1.50	\$1,924
10HMS-05T	2.20	\$2,616
10HMS-06T	2.20	\$2,912
10HMS-07T	3.00	\$3,268
10HMS-08T	3.00	\$3,362
10HMS-09T	4.00	\$3,934
10HMS-10T	4.00	\$4,016
10HMS-11T	4.00	\$4,108
10HMS-12T	5.50	\$4,662
10HMS-13T	5.50	\$4,746
15HMS-02T	1.50	\$1,982
15HMS-03T	2.20	\$2,569
15HMS-04T	3.00	\$3,064
15HMS-05T	4.00	\$3,726
15HMS-06T	5.50	\$4,326
15HMS-07T	5.50	\$4,490
22HMS-02T	2.20	\$2,589
22HMS-03T	3.00	\$2,835
22HMS-04T	4.00	\$3,438
22HMS-05T	5.50	\$4,165

## CEA Series Curves



## C Series


### Close-Coupled Centrifugal Pumps–Single Impeller

- M denotes Single-phase
- V denotes viton elastomers
- Max. temp 110°C
- IP55 motor
- Standard mech seal carbon/ceramic–viton
- Single-phase pumps supplied with lead and plug
- Wetted components 304 Stainless Steel
- Wetted components in 316L available–POA
- 1 year warranty



Product Code: LWCS		
Model	kW	240 V 1 Phase 50Hz
CEAM 70/3V	0.37	\$1,340
CEAM 70/5V	0.55	\$1,420
CEAM 80/5V	0.75	\$1,504
CEAM 120/3V	0.55	\$1,786
CEAM 120/5V	0.90	\$2,223
CEAM 210/2V	0.75	\$2,181
CEAM 210/3V	1.10	\$2,270
CEAM 210/4V	1.50	\$2,391
CEAM 210/5V	2.20	\$2,573
CEAM 370/1V	1.10	\$2,347
CEAM 370/2V	1.50	\$2,436
CEAM 370/3V	2.20	\$2,631


Product Code: LWCS		
Model	kW	415 V 3 Phase 50Hz
CEA 70/3V	0.37	\$1,389
CEA 70/5V	0.55	\$1,420
CEA 80/5V	0.75	\$1,561
CEA 120/3V	0.55	\$1,745
CEA 120/5V	0.90	\$2,014
CEA 210/2V	0.75	\$1,983
CEA 210/3V	1.10	\$2,067
CEA 210/4V	1.50	\$2,175
CEA 210/5V	1.85	\$2,223
CEA 370/1V	1.10	\$2,422
CEA 370/2V	1.50	\$2,521
CEA 370/3V	1.85	\$2,581
CEA 370/5V	3.00	\$3,739



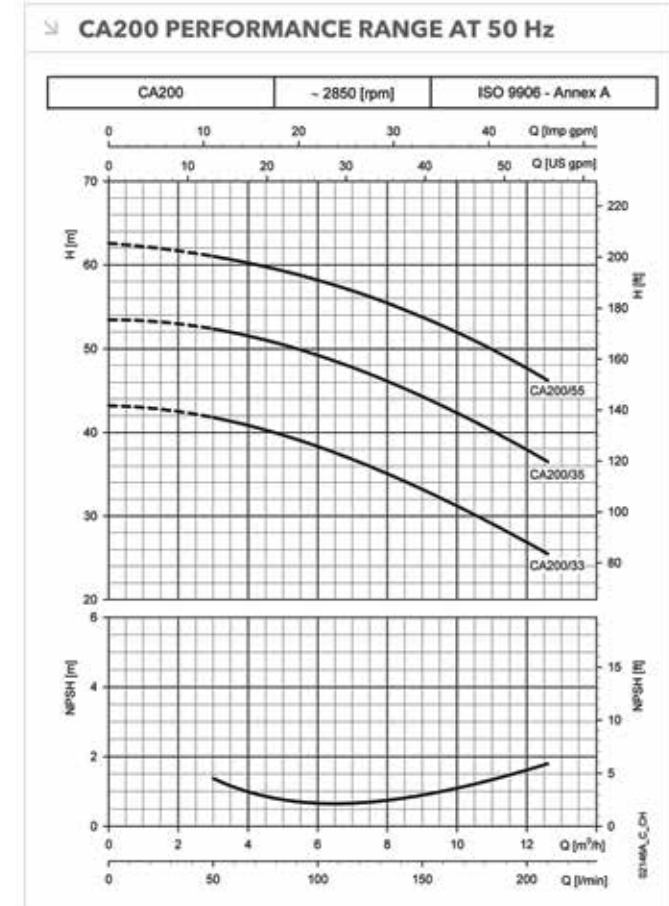
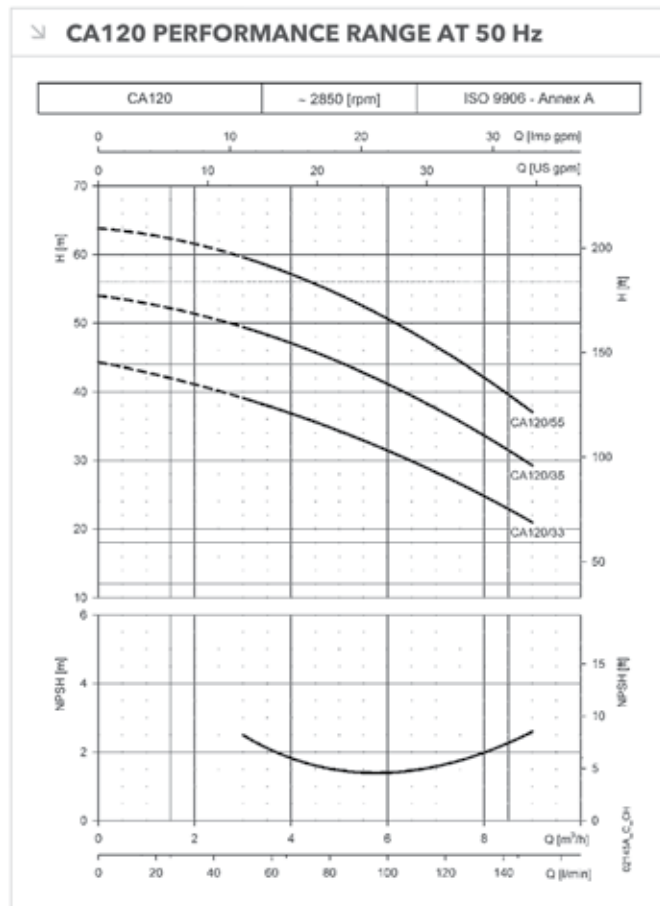
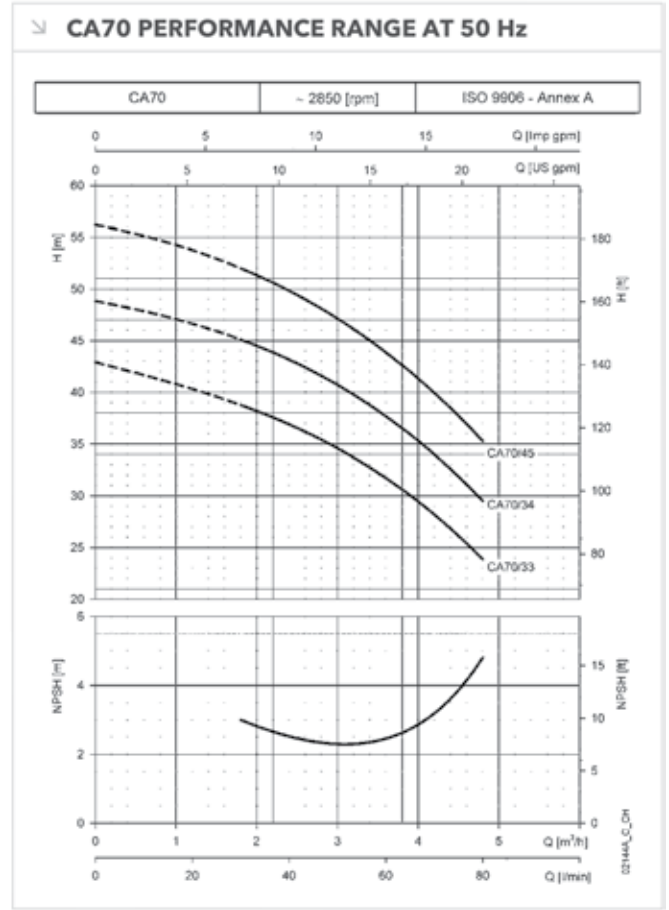
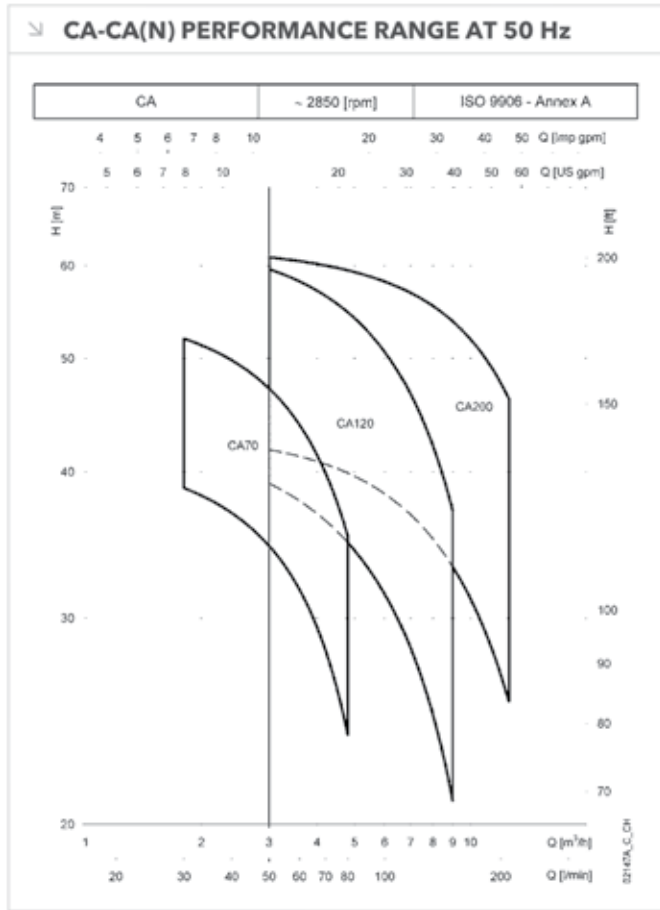
Need a product brochure?  
A flow curve?  
A video on how to change a mechanical seal?  
Operating manual?  
A pump selection programme?

Check out our website to attain the information you need.

[www.brownbros.com.au](http://www.brownbros.com.au)



## CA Series Curves



### Close-Coupled Centrifugal Pumps–Twin Impeller

- M denotes Single-phase
- V denotes viton elastomers
- Max. temp 110°C
- IP55 motor
- Single-phase pumps supplied with lead and plug
- All Wetted components AISI 304 stainless steel
- Wetted components in 316L available–POA
- 1 year warranty



Product Code: LWCS			
Model	kW	240 V 1 Phase 50Hz	
CAM-70/33V	0.75	\$1,846	
CAM-70/34V	0.90	\$1,951	
CAM-70/45V	1.10	\$2,076	
CAM-120/33V	1.10	\$2,214	
CAM-120/35V	1.50	\$2,356	
CAM-120/55V	2.20	\$2,926	
CAM-200/33V	1.85	\$3,216	
CAM-200/35V	2.20	\$3,330	

Product Code: LWCS			
Model	kW	415 V 3 Phase 50Hz	
CA-70/34V	0.90	\$1,937	
CA-70/45V	1.10	\$1,985	
CA-120/33V	1.10	\$2,092	
CA-120/35V	1.50	\$2,237	
CA-120/55V	2.20	\$2,431	
CA-200/33V	1.85	\$2,547	
CA-200/35V	2.20	\$2,806	
CA-200/55V	3.00	\$2,986	

### CO Series–316 Stainless Steel

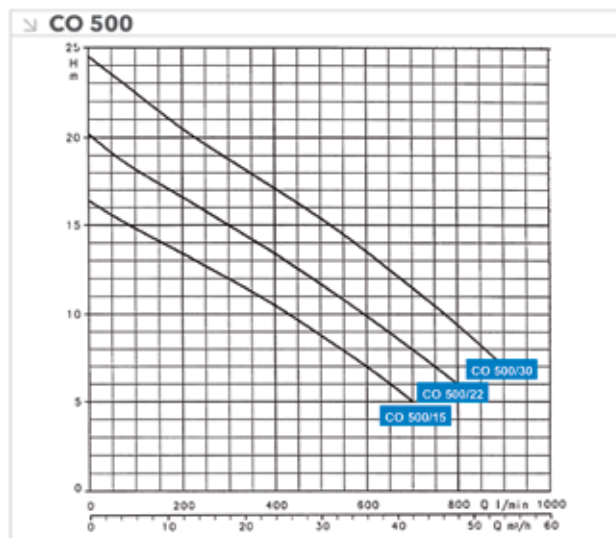
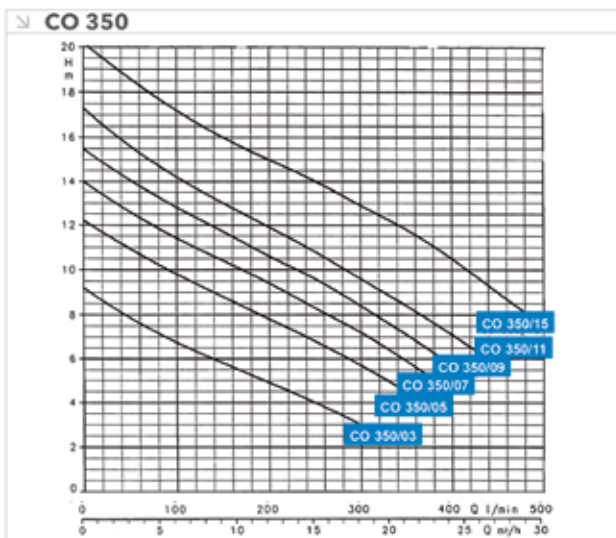
#### Open Impeller Centrifugal Pumps

- Semi-open impeller: 350 series 10mm soft solids, 500 series 20mm soft solids
- M denotes single-phase
- IP55 protection
- Standard mech seal carbon/ceramic–viton
- Single-phase pumps supplied with lead and plug
- Maximum temperature 110°C
- 1 year warranty



Product Code: LWCO			
Model	kW	240 V 1 Phase 50Hz	
COM 350/03	0.37	\$2,270	
COM 350/05	0.55	\$2,339	
COM 350/07	0.75	\$2,422	
COM 350/09	0.90	\$2,469	
COM 350/11	1.10	\$2,968	
COM 350/15	1.50	\$3,365	
COM 500/15	1.50	\$3,438	
COM 500/22	2.20	\$3,539	

Product Code: LWCO			
Model	kW	415 V 3 Phase 50Hz	
CO 350/03	0.37	\$2,223	
CO 350/05	0.55	\$2,301	
CO 350/07	0.75	\$2,372	
CO 350/09	0.90	\$2,391	
CO 350/11	1.10	\$2,772	
CO 350/15	1.50	\$2,897	
CO 500/15	1.50	\$2,968	
CO 500/22	2.20	\$3,340	
CO 500/30	3.00	\$3,487	



## 3. Smart Pumps

- Lowara HME and SVE pumps
- Lowara Smart Pump Booster Sets



## Smart Pump Range

### Permanent Magnet Motor-Variable Speed Drives

- AISI 304 stainless steel pumps, IP55
- Permanent magnet IE5 motor
- Variable speed drive
- Ultra premium efficiency
- Pumps to AS/NZS 4020
- 2 year warranty



Pump & Drive combined rating



'Best in Class'

Motor rating



'Ultra Premium efficiency'

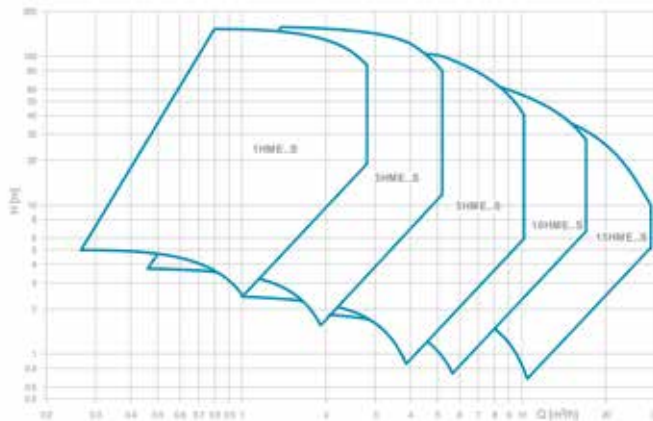
### HME Series

- HME models include pressure transducer, 5 way tee with inbuilt check valve, pressure gauge and 3L pressure tank



Product Code: LWVS		
Model	kW	240 V 1 Phase 50Hz
SMT/3HME05S	0.55	\$3,364
SMT/3HME07S	0.75	\$3,542
SMT/3HME09S	1.10	\$4,397
SMT/5HME04S	0.75	\$3,352
SMT/5HME06S	1.10	\$3,854
SMT/5HME08S	1.50	\$4,153
SMT/10HME03S	1.50	\$4,386

Product Code: LWVS		
Model	kW	415 V 3 Phase 50Hz
SMT/5HME10S22T	2.20	\$5,366
SMT/10HME04S22T	2.20	\$6,362
SMT/15HME03S22T	2.20	\$6,130

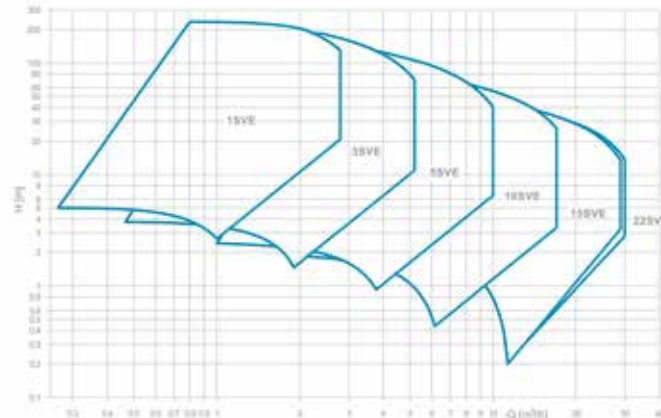


### SVE Series

- SVE models include pressure transducer

Product Code: LWVS		
Model	kW	240 V 1 Phase 50Hz
SMT/3SVE05	0.55	\$4,083
SMT/3SVE07	0.75	\$4,397
SMT/3SVE09	1.10	\$4,976
SMT/3SVE11	1.50	\$5,565
SMT/5SVE06	1.10	\$5,038
SMT/5SVE08	1.50	\$5,446
SMT/10SVE03	1.50	\$5,604

Product Code: LWVS		
Model	kW	415 V 3 Phase 50Hz
SMT/5SVE06T	1.10	\$6,095
SMT/5SVE08T	1.50	\$6,243
SMT/5SVE12T	2.20	\$7,322
SMT/10SVE03T	1.50	\$6,524
SMT/10SVE04T	2.20	\$7,234
SMT/15SVE02T	2.20	\$7,498




The Smart Pump Range is an evolving pump range. Please contact Brown Brothers Engineers on any extensions to this range.

## Smart Pump – Single & Dual Booster Systems



### Permanent Magnet Motor-Variable Speed Drives

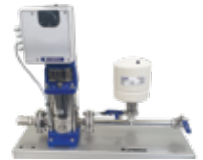
- Price includes Pump IP55, discharge fittings, isolation valves and pressure tank mounted on a stainless steel base
- Pump to AS/NZS 4020
- 2 year warranty on factory assembled booster systems
- Freight charges apply to this product range 



### Single SVE Booster Systems

Product Code: BSSP			
Model	Manifold	kW	240 V 1 Phase 50Hz
3SVE05SPS-M	25mm	0.55	\$6,106
3SVE07SPS-M	25mm	0.75	\$6,474
3SVE09SPS-M	25mm	1.10	\$7,084
3SVE11SPS-M	25mm	1.50	\$7,581
5SVE06SPS-M	32mm	1.10	\$7,236
5SVE08SPS-M	32mm	1.50	\$7,667
10SVE03SPS-M	40mm	1.50	\$7,880

Product Code: BSSP			
Model	Manifold	kW	415 V 3 Phase 50Hz
5SVE06SPS-T	32mm	1.10	\$8,095
5SVE08SPS-T	32mm	1.50	\$8,243
5SVE12SPS-T	32mm	2.20	\$9,442
10SVE03SPS-T	40mm	1.50	\$9,006
10SVE04SPS-T	40mm	2.20	\$9,942
15SVE02SPS-T	50mm	2.20	\$10,115



### Dual SVE Booster Systems

Product Code: BSSP			
Model	Manifold	kW	240 V 1 Phase 50Hz
3DSVE05SPS-M	50mm	0.55	\$12,486
3DSVE07SPS-M	50mm	0.75	\$13,171
3DSVE09SPS-M	50mm	1.10	\$14,309
3DSVE11SPS-M	50mm	1.50	\$15,234
5DSVE06SPS-M	50mm	1.10	\$14,803
5DSVE08SPS-M	50mm	1.50	\$15,608
10DSVE03SPS-M	65mm	1.50	\$16,732

Product Code: BSSP			
Model	Manifold	kW	415 V 3 Phase 50Hz
5DSVE06SPS-T	50mm	1.10	\$15,698
5DSVE08SPS-T	50mm	1.50	\$15,946
5DSVE12SPS-T	50mm	2.20	\$18,182
10DSVE03SPS-T	65mm	1.50	\$17,448
10DSVE04SPS-T	65mm	2.20	\$19,272
15DSVE02SPS-T	80mm	2.20	\$19,587



*Triplex Smart Pump booster systems are also available on request.*

# Switch to an energy efficient pump today!



The need to reduce carbon emissions is placing a greater focus on energy consuming pumping systems and the efficiency of these systems.

Two thirds of all pumps installed are inefficient and use up to 60% too much electricity.

## 4. Submersible Dewatering, Drainage and Grinder Pumps

- Lowara Scuba, DOC, DOMO, DIWA, DOMO GRI, 1300 Series
- Lowara Q Smart Controller
- Flygt Ready, Grinder, N Series, Accessories, Mixers and Multitrode



## SC Series



### Scuba Submersible Pump

- Single-phase pumps supplied with 20m lead and 3-pin plug
- Three-phase models manual operation only, supplied with 20m lead and no plug
- Standard mech seal sic/sic-NBR
- AUTO denotes automatic operation complete with float
- Pump size 128mm OD
- Maximum submergence 17 metres
- 1 year warranty



#### Manual Operation (No Float)

Product Code: LWSC		
Model	kW	240 V 1 Phase 50Hz
1SC6	0.55	\$1,922
1SC7	0.75	\$2,055
1SC9	0.90	\$2,168
3SC4	0.55	\$1,801
3SC5	0.75	\$1,933
3SC7	0.90	\$2,092
3SC8	1.10	\$2,267
3SC9	1.50	\$2,415
5SC3	0.55	\$1,982
5SC4	0.75	\$2,042
5SC5	0.90	\$2,118
5SC6	1.10	\$2,281
5SC8	1.50	\$2,295
8SC2	0.55	\$2,321
8SC3	0.90	\$2,461
8SC6	1.50	\$2,942

#### Manual Operation (No Float)

Product Code: LWSC		
Model	kW	415 V 3 Phase 50Hz
1SC6-T	0.55	\$1,884
1SC7-T	0.75	\$2,018
1SC9-T	0.90	\$2,132
3SC4-T	0.55	\$1,785
3SC5-T	0.75	\$1,899
3SC7-T	0.90	\$2,049
3SC8-T	1.50	\$2,251
3SC9-T	2.20	\$2,401
5SC3-T	0.55	\$1,966
5SC4-T	0.75	\$2,012
5SC5-T	0.90	\$2,095
5SC6-T	1.10	\$2,190
5SC7-T	1.50	\$2,321
5SC8-T	2.20	\$2,505
8SC2-T	0.55	\$2,267
8SC3-T	0.90	\$2,415
8SC4-T	1.10	\$2,596
8SC5-T	1.50	\$2,808
8SC6-T	2.20	\$3,151



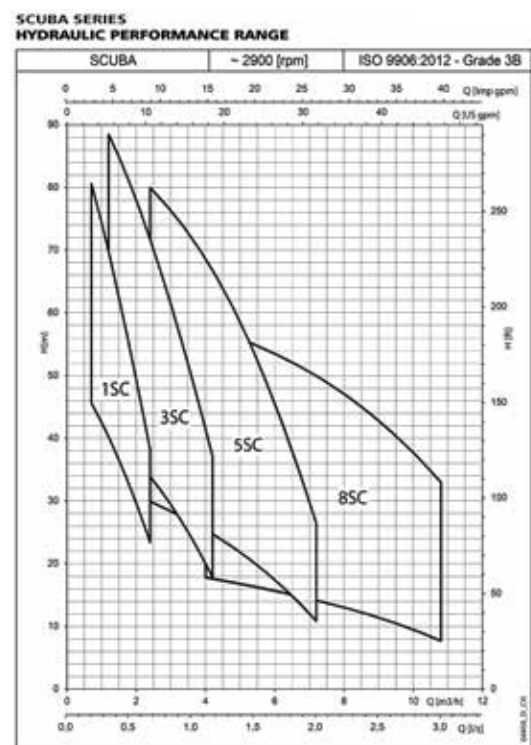
Manual Operation - No Float



Automatic Operation

#### Automatic Operation

Product Code: LWSC		
Model	kW	240 V 1 Phase 50Hz
1SC6-AUTO	0.55	\$1,951
1SC7-AUTO	0.75	\$2,085
1SC9-AUTO	0.90	\$2,199
3SC4-AUTO	0.55	\$1,829
3SC5-AUTO	0.75	\$1,959
3SC7-AUTO	0.90	\$2,118
3SC8-AUTO	1.10	\$2,290
3SC9-AUTO	1.50	\$2,454
5SC3-AUTO	0.55	\$2,003
5SC4-AUTO	0.75	\$2,064
5SC5-AUTO	0.90	\$2,138
5SC6-AUTO	1.10	\$2,245
5SC8-AUTO	1.50	\$2,305
8SC2-AUTO	0.55	\$2,346
8SC3-AUTO	0.90	\$2,527
8SC6-AUTO	1.50	\$2,972



## DOC Series

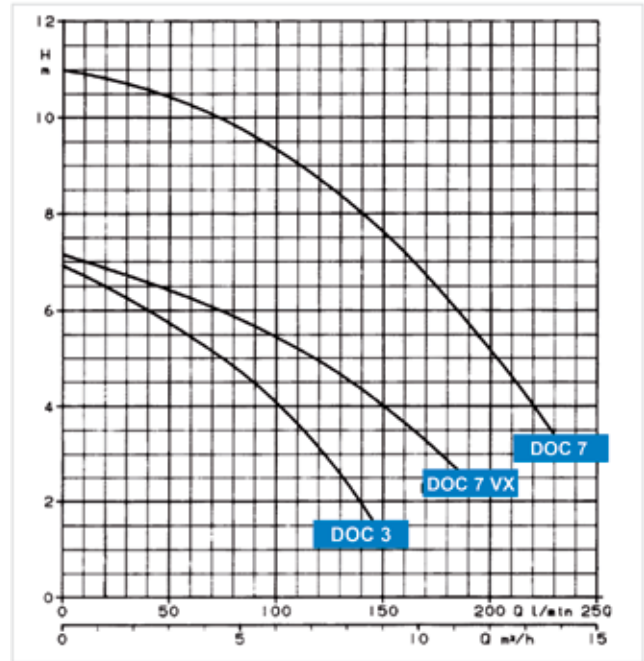
### Drainage Sump Pumps

- SG denotes manual operation
- VX denotes vortex impeller
- GW denotes magnetic float, for clean water only
- Single-phase models auto operation
- Three lip seals-NBR
- Includes 10m lead
- 1 year warranty



Product Code: LWDE		
Model	kW	240 V 1 Phase 50Hz
DOC-3/10	0.25	\$753
DOC-7/10	0.55	\$866
DOC-7VX/10	0.55	\$971
DOC-3SG	0.25	\$730
DOC-7SG	0.55	\$845
DOC-3/GW	0.25	\$804
DOC-7/GW	0.55	\$943
DOC-7VX/GW	0.55	\$1,057

<b>Low level suction screen</b> (Not suitable for DOC-7VX)	LWDE 148.994.100	\$84
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## DIWA Series

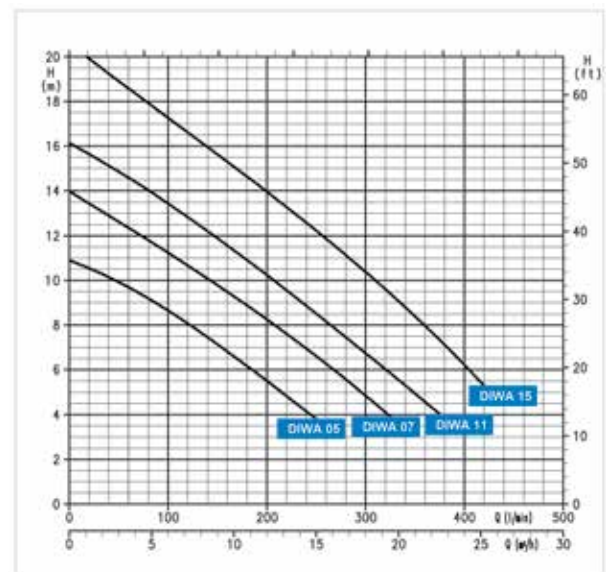
### Submersible Drainage Pumps

- Single-phase models auto operation
- SG denotes manual operation
- T denotes three-phase
- Three-phase models manual operation only
- Standard mech seal sic/sic-NBR
- Includes 10m lead
- 1 year warranty



Product Code: LWDE		
Model	kW	240 V 1 Phase 50Hz
DIWA-05	0.55	\$1,617
DIWA-07	0.75	\$1,825
DIWA-11	1.10	\$2,167
DIWA-05SG	0.55	\$1,596
DIWA-07SG	0.75	\$1,881
DIWA-11SG	1.10	\$2,149

Product Code: LWDE		
Model	kW	415 V 3 Phase 50Hz
DIWA-05T	0.55	\$1,617
DIWA-07T	0.75	\$1,909
DIWA-11T	1.10	\$2,121
DIWA-15T	1.50	\$2,315



## DOMO Series

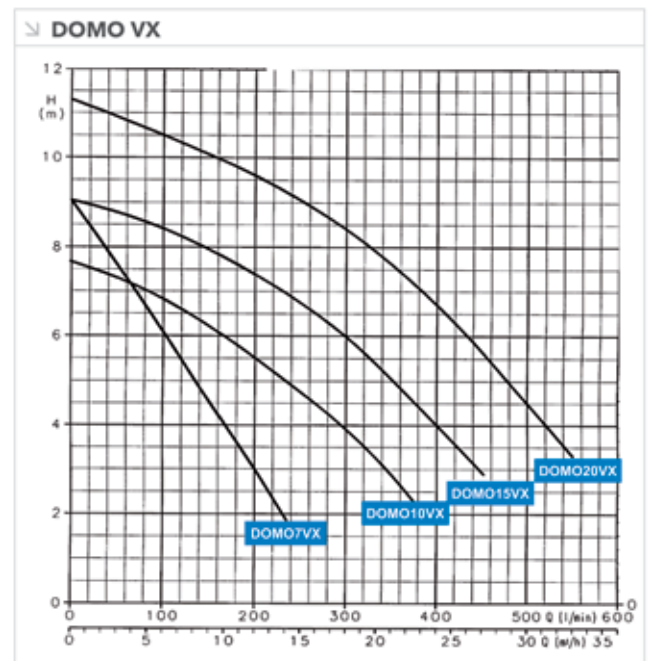
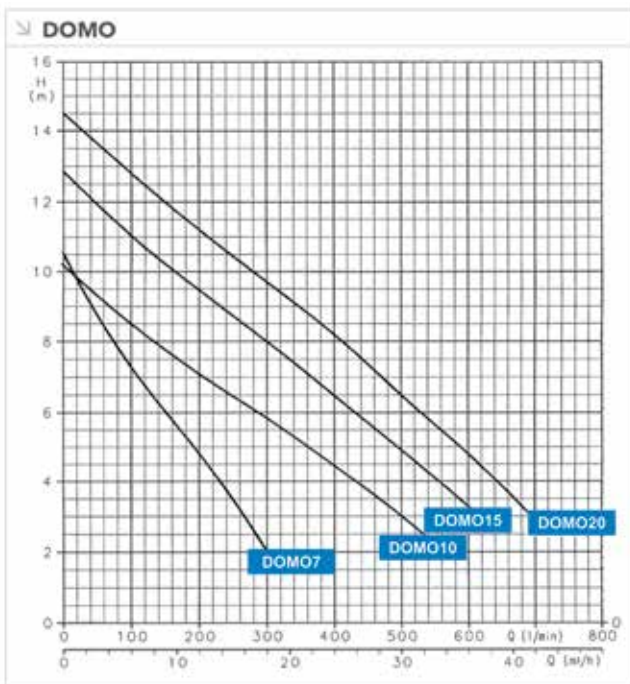
### Waste Water Submersible Pumps

- T denotes three-phase / VX denotes vortex impeller
- Single-phase models auto operation
- SG denotes manual operation
- Three-phase models manual operation only
- Standard mech seal sic/sic-NBR
- GT version includes tube float and are for clean water only
- 1 year warranty



Product Code: LWDE			
Model	Lead	kW	240 V 1 Phase 50Hz
DOMO-7	10m	0.55	\$1,260
DOMO-7SG	10m	0.55	\$1,200
DOMO-7/GT	10m	0.55	\$1,302
DOMO-7VX	10m	0.55	\$1,264
DOMO-7VX/GT	10m	0.55	\$1,381
DOMO-10	10m	0.75	\$1,675
DOMO-10SG	10m	0.75	\$1,751
DOMO-10VX	10m	0.75	\$1,711
DOMO-15	10m	1.10	\$1,892
DOMO-15SG	10m	1.10	\$1,995
DOMO-15VX	10m	1.10	\$1,875

Product Code: LWDE			
Model	Lead	kW	415 V 3 Phase 50Hz
DOMO-7T	10m	0.55	\$1,178
DOMO-7VXT	10m	0.55	\$1,205
DOMO-10T	10m	0.75	\$1,619
DOMO-10VXT	10m	0.75	\$1,675
DOMO-15T	10m	1.10	\$1,766
DOMO-15VXT	10m	1.10	\$1,721
DOMO-20T	10m	1.50	\$1,952
DOMO-20VXT	10m	1.50	\$1,915



## Q Smart Controller



### Electronic control panel for fixed speed pumps

- Single-phase pump controller
- Single and dual pump control combination
- Suitable for use in both pressure boosting and sewerage/drainage applications
- Easy to install
- Power up to 1.5kW (power output from pump up to 12A)
- 1 year warranty

Product Code: LWDE		
Model		240 V 1 Phase 50Hz
Q-SMART10/15/D 12A 1X230	Q-Smart Controller Single Pump	\$1,138
Q-SMART20/15/D 12A 1X230	Q-Smart Controller Dual Pump	\$1,255
Q-SMART 6CP DRY CONTACTS CARD	Q-Smart Controller Accessory	\$830
Q-SMART MODBUS MODULE	Q-Smart Controller Accessory	\$253

4.

## DOMO GRI Grinder Series

### Submersible Grinder Pumps

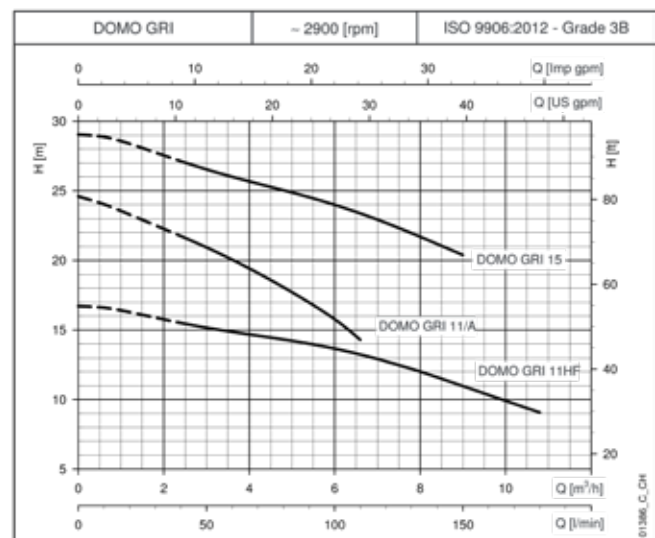
- Single-phase manual and auto version
- SG denotes manual operation only
- HF denotes high flow
- T denotes three-phase, manual operation only
- Standard mech seal sic/sic-NBR
- Includes 10m lead
- 1 year warranty



Product Code: LWDE			
Model	kW	240 V 1 Phase 50Hz	
DOMO-GRI11 (Auto )	1.10	\$2,743	
DOMO-GRI11/SG	1.10	\$2,669	
DOMO-GRI11/HF	1.10	\$2,844	
DOMO-GRI11/HF/SG	1.10	\$2,777	
DOMO-GRI15 (Auto)	1.50	\$3,071	
DOMO-GRI15/SG	1.50	\$3,016	

Product Code: LWDE			
Model	kW	415 V 3 Phase 50Hz	
DOMO-GRI11T	1.10	\$2,574	
DOMO-GRI11T/ HF	1.10	\$2,762	
DOMO-GRI15T	1.50	\$2,971	

Guide Rail Kit	Kit includes pump claw, duckfoot pedestal, upper guide rail bracket.	
For Domo GRI 11 Pumps	P/No LWDE 109.395.320	\$512
For Domo GRI 11HF & 15 Pumps	P/No LWDE 109.395.321	\$664



Did you know that single and dual storm water panels are available for the whole drainage range? Check out our Control Panels range on page 67 or talk to us about other available options.

## 1300 Series

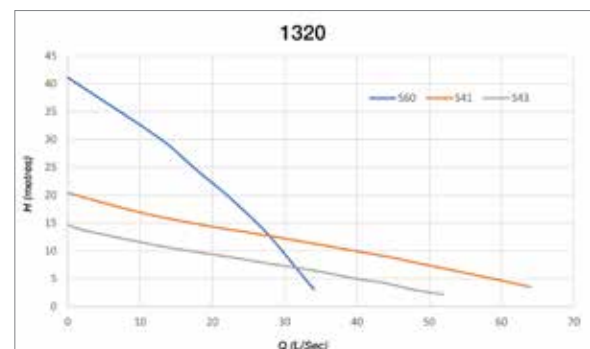
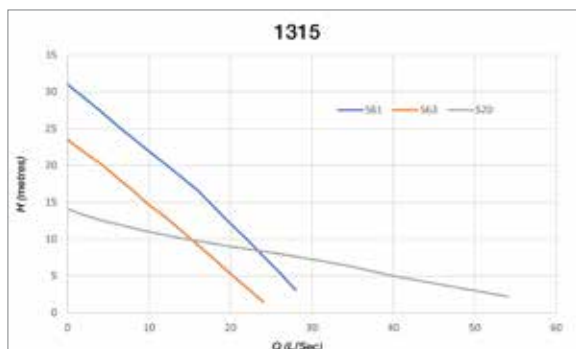
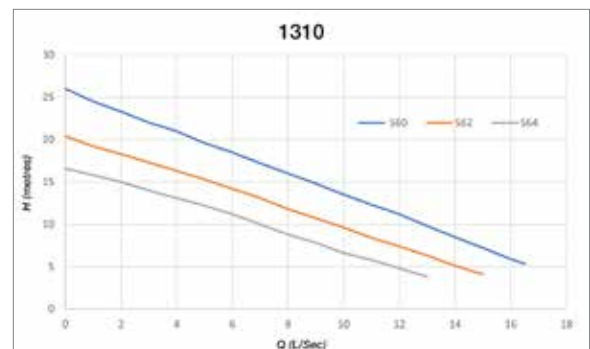
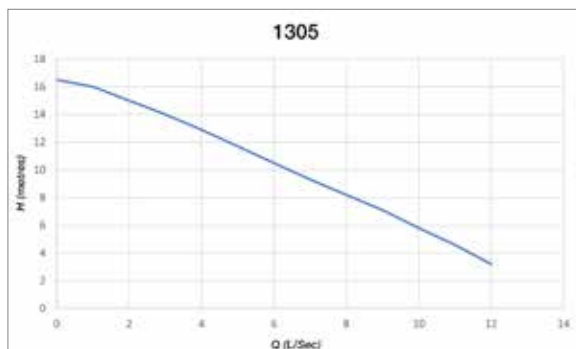
### Submersible Non-clog Pumps

- Model variant: S = Super High Head; H = High Head; M = Medium Head
- DN50 variants with upshot threaded connection (BSP) or guide claw cast into housing
- DN65 and above come as Bare (x), Freestanding (T) or Guide rail (W) installation
- 3Phase, 50Hz Power supply
- Cast Iron construction
- Double mech seal
- Motor Thermal protection: opening temperature 125°C
- 10 metre cable included
- 1 year warranty



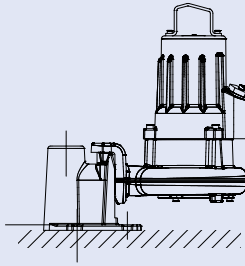
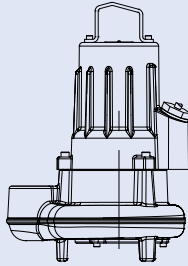
NOTE: There are numerous other 1300 Series combination models available-POA

Product Code: LWDE									
Model	Bare Pump				Pump with Free Standing Threaded Kit (add -T to model number)		Pump with Wet Well Guide Rail Kit (add -WW to model number)		
	kW	Curve	Pump outlet Size DN	Price	Kits Discharge Size	Price	Discharge Connection Outlet Size (mm)	Guide Pipe Dimensions (inches)	Price
1305S-50.S60	1.2	S60	50	\$2,294*	Not Required		N/A		
1310S-50.S60	2.4	S60	50	\$3,988*	Not Required		N/A		
1310S-50.S62	1.7	S62	50	\$3,687*	Not Required		N/A		
* Freestanding kit not required, is built-in to pump									
1310S-50.S60	2.4	S60	50	\$3,883**	N/A		50	3/4	\$4,958
1310S-50.S64	1.4	S64	50	\$3,277**	N/A		50	3/4	\$4,351
** Connection claw is built-in to pump									
1310S-65.S60	2.4	S60	65	\$3,988	80	\$4,468	80	2	\$6,242
1315S-65.S61	4.4	S61	65	\$9,630	80	\$10,521	80	2	\$11,883
1315S-65.S63	3.3	S63	65	\$8,988	80	\$9,879	80	2	\$11,241
1315M-100.S20	3.3	S20	100	\$9,578	100	\$11,692	100	2	\$12,909
1320S-80.S60	7.5	S60	80	\$14,302	80	\$16,090	80	2	\$16,745
1320H-100.S41	5.9	S41	100	\$14,347	100	\$16,461	100	2	\$17,678
1320H-100.S43	3.5	S43	100	\$12,434	100	\$14,548	100	2	\$15,764



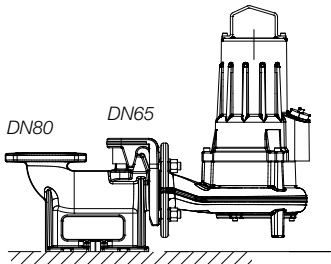
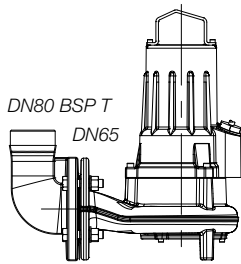
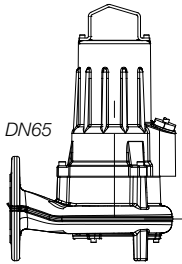
## Whats Included?

1305/1310S-50 Freestanding 1310S-50 Wet-Well



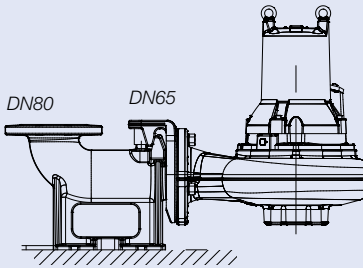
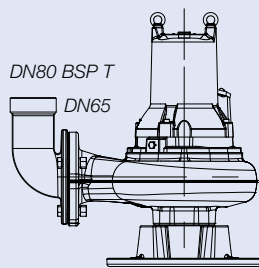
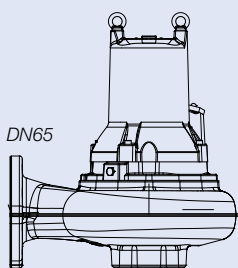
- Pump outlet DN50
- Freestanding upshot outlet cast into housing
- Guide claw for Wet-Well (Guide rail) Installation cast into housing
- No bare option
- Wet-Well 3/4 Inch guide bar dimension

1310S-65X Bare 1310S-65 Freestanding Kit 1310S-65 Wet-Well Kit



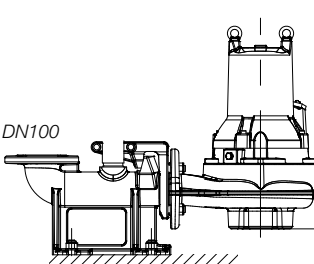
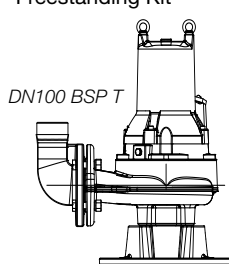
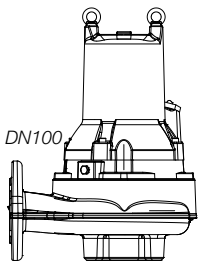
- Pump outlet DN65
- Feet cast into pump housing (no stand required)
- Freestanding kit includes DN65 to DN80 (flange to BSP thread) elbow.
- Wet-Well 2 Inch guide bar dimension

1315S-65X Bare 1315S-65 Freestanding 1315S-65 Wet-Well Kit



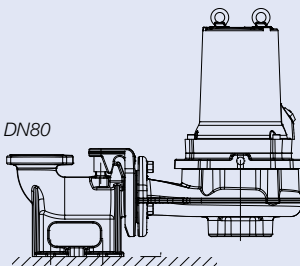
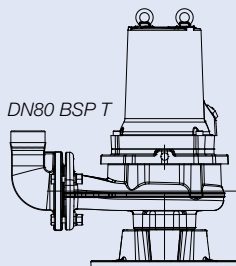
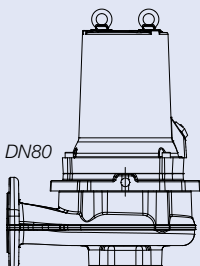
- Pump outlet DN65
- No feet cast into pump housing
- Freestanding kit includes DN65 to DN80 (flange to BSP thread) elbow and pump stand
- Wet-Well 2 Inch guide bar dimension

1315M/1320H-100 Bare 1315M/1320H-100 Freestanding Kit 1315M/1320H-100 Wet-Well Kit



- Pump outlet DN100
- No feet cast into pump housing
- Freestanding kit includes DN100 to DN100 (flange to BSP thread) elbow and pump stand
- Wet-Well 2 Inch guide bar dimension


1320S-80X Bare 1320S-80 Freestanding Kit 1320S-80 Wet-Well Kit

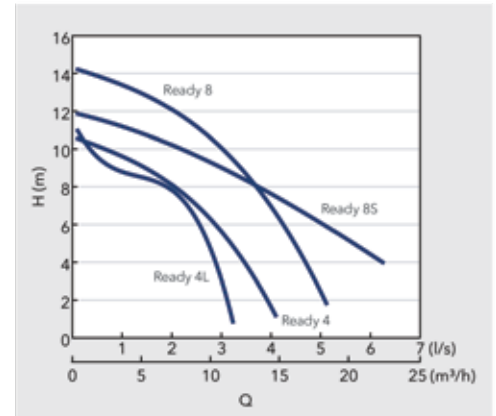


- Pump outlet DN80
- No feet cast into pump housing
- Freestanding kit includes DN80 to DN80 (flange to BSP thread) elbow and pump stand
- Wet-Well 2 Inch guide bar dimension

## Flygt Ready Pump Range

### Submersible and Serviceable Pumps

- Auto operation with float switch
- Durable, double cast aluminium body
- Adjustable discharge
- Dual mechanical seal
- Inbuilt air relief valve
- L denotes "Low Level Pumping" this pump can pump down to 2mm water levels
- S denotes "Solids" this pump has a vortex impeller and can handle solids up to 38mm
- 1 year warranty
- Freight charges apply to this product range 




Product Code: FLYT			
Model	kW	240 V 1 Phase 50Hz	
READY-4	0.42	\$2,066	
READY-4L	0.42	\$2,274	
READY-8	0.75	\$3,109	
READY-8S	0.90	\$4,609	

Threaded Discharge Connection	Product Code	Price
Ready DN50 BSP 2" threaded connection	FLYT 7089902	\$186

## Flygt Grinder Series

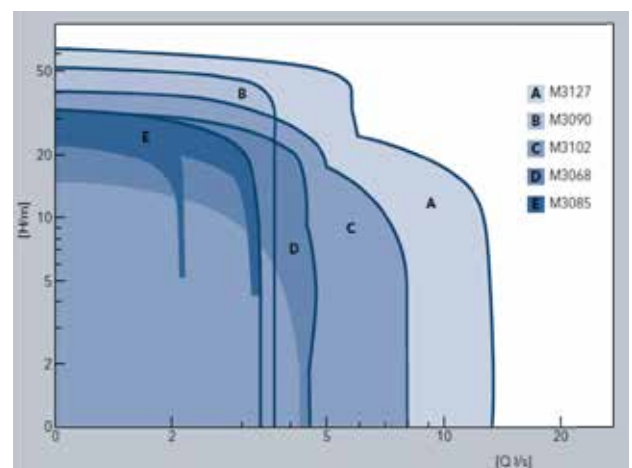
### Submersible Grinder Pumps

- M denotes Grinder Series
- F denotes Freestanding, price includes stand and 50mm discharge bend
- P denotes Guide Rail mounted, price does not include discharge bend and UGRB
- HT denotes High Head model
- LT denotes Low Head model
- Standard mech seal Griploc™-NBR
- Other models available on request
- 20mm Guide rail system is uniform across the range
- 1 year warranty
- Freight charges apply to this product range 



Product Code: FLYT				
Model	kW	Lead	415 V 3 Phase 50Hz	
MF3069.170 HT254	1.70	20m	\$4,778	
MF3069.170 HT250	2.40	20m	\$4,899	
MF3085.172 HT253	2.40	10m	\$6,267	
MF3102.170 HT261	4.40	10m	\$6,496	
MF3102.170 LT210	4.40	10m	\$6,496	
MF3127.170 HT252	7.40	10m	\$13,288	
MF3127.170 LT210	7.40	10m	\$13,264	

Product Code: FLYT				
Model	kW	Lead	415 V 3 Phase 50Hz	
MP3069.170 HT254	1.70	20m	\$4,460	
MP3069.170 HT250	2.40	20m	\$5,377	
MP3085.172 HT253	2.40	10m	\$6,259	
MP3090.170 HT252	4.30	20m	\$6,546	
MP3102.170 HT261	4.40	10m	\$6,719	
MP3102.170 LT210	4.40	10m	\$6,719	
MP3127.170 HT252	7.40	10m	\$13,264	
MP3127.170 LT210	7.40	10m	\$13,264	




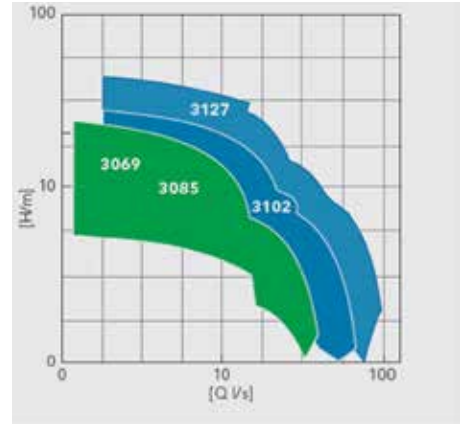
## Flygt N Series

### Submersible Wastewater Pumps

- N denotes wastewater series
- P denotes Guide Rail mounted, price does not include discharge bend and UGRB
- S denotes Freestanding, price includes stand and discharge bend
- MT denotes Medium Head
- SH Denotes Super Head
- Standard mechanical seal Griploc™
- Includes 20-metre motor cable
- Other models available upon request
- 50mm Guide rail system is uniform across the range
- 1 year warranty



- Freight charges apply to this product range 



### N3085 Range

Product Code: FLYT				
Model	kW	Outlet (mm)	415 V 3 Phase 50Hz	
NP3085-160-MT460-02.0-B-0 80-A20	2.0	80		\$11,362
NP3085-160-MT461-02.0-B-0 80-A20	2.0	80		\$11,362
NP3085-160-MT462-02.0-B-0 80-A20	2.0	80		\$11,362
NP3085-160-MT463-02.0-B-0 80-A20	2.0	80		\$11,362
NP3085-160-SH253-02.4-B-0 80-A20	2.4	80		\$12,233
NP3085-160-SH254-02.4-B-0 80-A20	2.4	80		\$12,233
NP3085-160-SH255-02.4-B-0 80-A20	2.4	80		\$12,233
NP3085-160-SH256-02.4-B-0 80-A20	2.4	80		\$12,233
NS3085-160-MT460-02.0-B-0 80-A20	2.0	80		\$11,919

### N3102 Range

Product Code: FLYT				
Model	kW	Outlet (mm)	415 V 3 Phase 50Hz	
NP3102-160-LT420-03.1-B-100-A20	3.1	100		\$19,269
NP3102-160-MT460-03.1-B-100-A20	3.1	100		\$15,488
NP3102-160-MT461-03.1-B-100-A20	3.1	100		\$15,488
NP3102-160-MT462-03.1-B-100-A20	3.1	100		\$15,488
NP3102-160-SH255-04.2-B-0 80-A20	4.2	80		\$19,439
NP3102-160-SH256-04.2-B-0 80-A20	4.2	80		\$19,439
NS3102-160-MT460-03.1-B-100-A20	3.1	100		\$16,691
NS3102-160-SH255-04.2-B-0 80-A20	4.2	80		\$20,593

### N3127 Range

Product Code: FLYT				
Model	kW	Outlet (mm)	415 V 3 Phase 50Hz	
NP3127-161-MT437-05.9-B 100	5.9	100		\$20,398
NP3127-161-MT437-05.9-B 150	5.9	150		\$20,580
NP3127-161-HT487-05.9-B 100	5.9	100		\$21,461
NP3127-161-HT488-05.9-B 100	5.9	100		\$21,461
NP3127-161-SH246-07.4-B-0 80-A20	7.4	80		\$24,559
NP3127-161-SH247-07.4-B-0 80-A20	7.4	80		\$24,559
NP3127-161-SH248-07.4-B-0 80-A20	7.4	80		\$24,559
NS3127-161-SH246-07.4-B-0 75-A20	7.4	75		\$24,559

## Flygt Accessories



- Freight charges apply to this product range

### Discharge Connections

Product Code: FLYT			
Model	Series	Part No	
50 x 50mm Discharge Connection	Grinders	4865500	\$475
80 x 80mm Discharge Connection Drilled to Table D AS2129	N-Series	4446803	\$1,485
100 x 100mm Discharge Connection Drilled to Table D AS2129	N-Series	5401303S	\$1,810
140 x 150mm Discharge Connection Drilled to Table D AS2129	N-Series	4447003	\$2,822

### Upper Guidebar Bracket

Product Code: FLYT		
Model	Part No	
S/S top Guide bar Bracket - 20mm	6697700	\$125
S/S top Guide bar Bracket - 50mm	6136804	\$408
S/S top Guide bar Bracket - 80mm	6615401	\$732

*Full range of genuine  
Flygt accessories are available  
- POA .*

### Flush Valves

Product Code: FLYT		
Model	Part No	
Hydraulic Flush Valve - Flygt Model 4910 to suit MP and MF Grinder	6019100	\$5,757
Mounting kit 4910 - to suit MP Grinder	6201100	\$385
Hydraulic Flush Valve - Flygt Model 4901 to suit N Series	5565101	\$9,834
Gasket required to fit 4901 Flush Valve to suit N Series	5025300	\$193

**Basic Repair Kits Available - POA. Pump serial numbers must be provided for correct basic repair kit selection.**

## Flygt Mixers

### Compact Mixers

- Direct-drive mixer
- F version - Non-clogging hydraulic propeller
- J version - Jet Ring fitted propeller for higher efficiency
- In-Built Thermal Protection
- Max Liquid Temperature - 40°C
- Insulation Class F
- Motor Cable Length – 20m
- Motor Cable Spec – DOL Cable 4X1.5+2X1.5
- Active Seal™ Flygt Plug-in seal for zero leakage into the stator housing
- Materials - Major parts in Stainless Steel
- Max Submergence 20m
- 1 year warranty




#### Options and accessories - POA

- Installation systems
- Lifting equipment
- Special cables
- Zinc anodes
- Electrical equipment such as control panels, monitoring equipment, variable frequency drives

- Freight charges apply to this product range

Product Code: FLYT								
Model	kW	Pole	RPM	F thrust' N	Weight kg	Part No	400V 3 Phase 50Hz	
SR4610-410-SF-07-0.90-B Non-clogging hydraulic propeller	0.9	4	1380	100	21	SR4610.410 SF07	\$8,269	
SR4620-410-SF-18-01.5-B Non-clogging hydraulic propeller	1.5	4	1385	315	21	SR4620.410 SF18	\$10,910	
SR4610-410-SJ-07-0.90-B Jet Ring fitted propeller	0.9	4	1380	80	23	SR4610.410 SJ07	\$10,152	
SR4620-410-SJ-18-01.5-B Jet Ring fitted propeller	1.5	4	1385	310	23	SR4620.410 SJ18	\$12,445	

## Flygt Monitoring and Control

- Freight charges apply to this product range 



### ENM10 Level Regulators

Product Code: FLYT	
Model	
ENM10 0.95-1.10 Blue 13M Blue PVC Cable	\$888
ENM10 0.95-1.10 Blue 20M Blue PVC Cable	\$977
ENM10 0.95-1.10 Blue 30M Blue PVC Cable	\$1,095
ENM10 0.95-1.10 Blue 13M Black NBR/PVC Cable	\$977
ENM10 0.95-1.10 Blue 20M Black NBR/PVC Cable	\$1,095
ENM10 0.95-1.10 Blue 30M Black NBR/PVC Cable	\$1,283
ENM10 0.95-1.10 Blue 50M Black NBR/PVC Cable	\$1,674
ENM10EX 0.95-1.10 Black 20M NBR/PVC Cable (requires Zenner Barrier 840107)	\$1,540
840107 Zenner Barrier - intrinsically safe input suits 2 floats	\$3,459
Cable Holder to suit ENM10	\$141



ENM10



ENM10EX



Cable Holder

### LTU Level Sensors

Product Code: FLYT	
Model	
LTU403 0-5M Range 20M CABLE 4-20MA Level Sensor	\$4,370
LTU403 0-5M Range 50M CABLE 4-20MA Level Sensor	\$6,145
LTU403 0-10M Range 20M CABLE 4-20MA Level Sensor	\$4,370
LTU403 0-20M Range 30M CABLE 4-20MA Level Sensor	\$4,940
LTU403 0-10M Range 20M CABLE MODBUS Level Sensor	\$5,549
LTU601 0-2M Range 20M CABLE 4-20MA Level Sensor	\$2,995
LTU601 0-5M Range 20M CABLE 4-20MA Level Sensor	\$3,654
LTU601 0-10M Range 20M CABLE 4-20MA Level Sensor	\$3,654
LTU801 0-5M Range 20M CABLE 4-20MA Level Sensor	\$5,947
LTU801 0-5M Range 30M CABLE 4-20MA Level Sensor	\$6,523
LTU801 0-5M Range 50M CABLE 4-20MA Level Sensor	\$7,698
LTU801 0-10M Range 25M CABLE 4-20MA Level Sensor	\$6,170



LTU403



LTU601



LTU801

### Relay's and Monitoring

Product Code: FLYT	
Model	
Mini CAS 11 Relay 24 VAC/DC	\$1,227
Mini CAS 11 Relay 230 VAC	\$1,816
Mini CAS Relay Bases	\$112



Mini CAS 11 Relay

Additional Flygt monitoring and control equipment - POA.

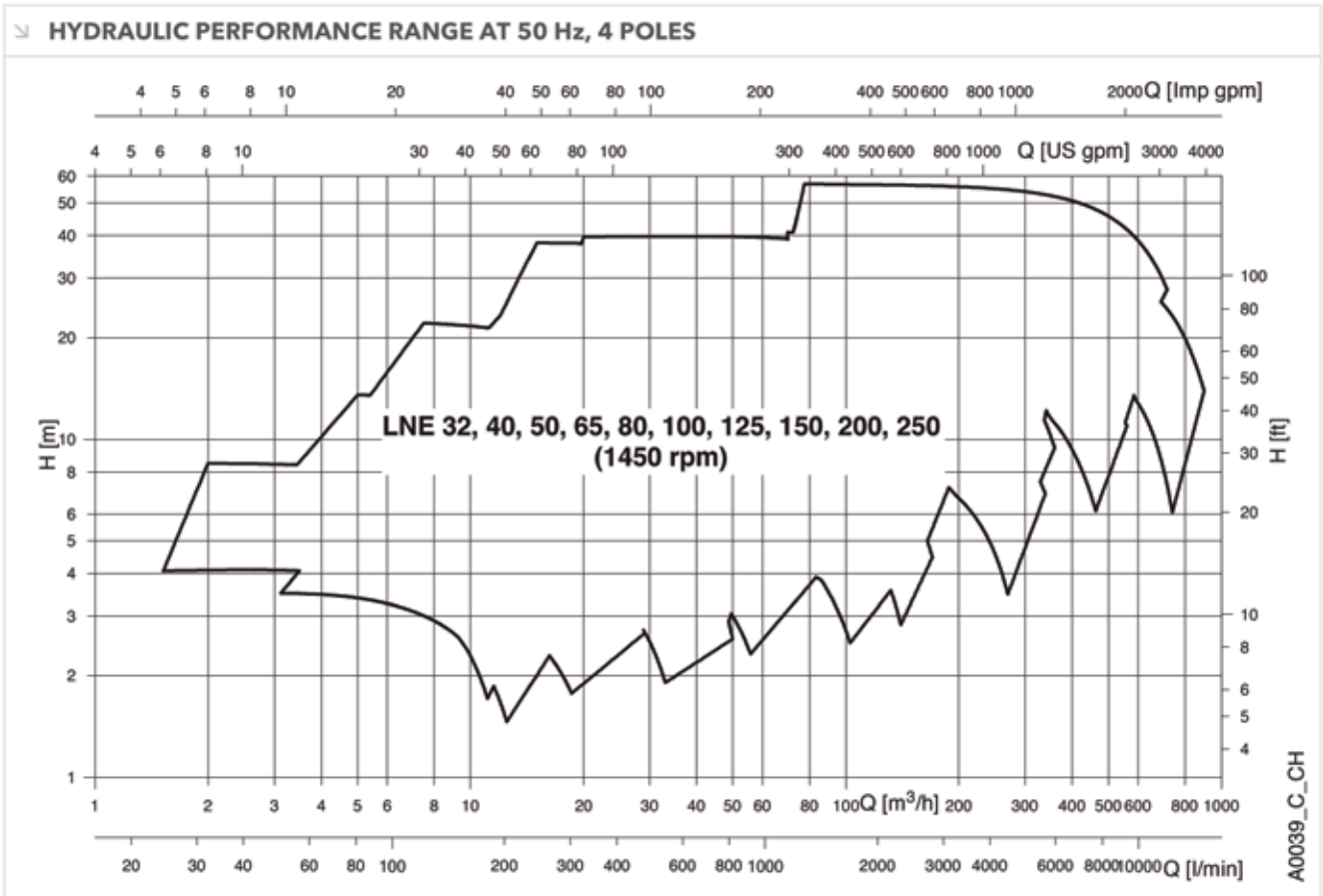
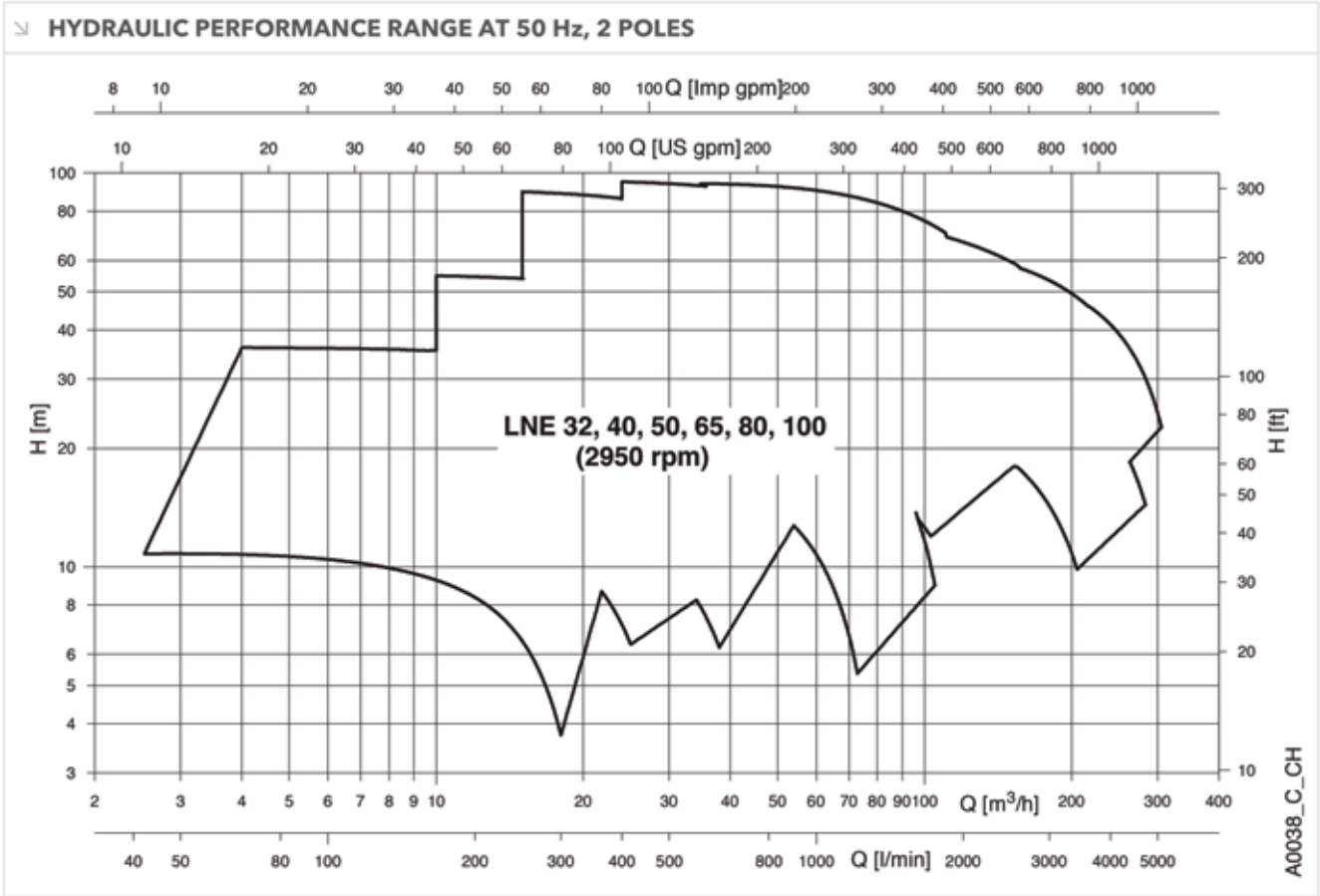
# 5. Inline Circulators

- Lowara e-LNE In-line Pumps



e-LNE Series Curves

5.



## e-LNE Series

### Cast Iron In-line Circulator Pumps

- Stub shaft version
- All cast iron wetted construction
- Standard carbon ceramic seal fitted with viton elastomers
- Alternative seal arrangements available POA
- Base plate not included, available as optional extra
- 1 year warranty



#### 2 Pole-2900 RPM

Product Code: LWLN		
Model	kW	415 V 3 Phase 50Hz
LNES40-125/11	1.10	\$2,864
LNES40-125/22	2.20	\$4,352
LNES40-125/30	3.00	\$4,571
LNES40-160/30	3.00	\$4,422
LNES40-160/40	4.00	\$4,660
LNES40-200/55	5.50	\$5,843
LNES40-200/75	7.50	\$6,315
LNES50-125/22	2.20	\$4,155
LNES50-125/30	3.00	\$4,397
LNES50-160/40	4.00	\$5,192
LNES50-160/75	7.50	\$6,790
LNES50-200/110	11.00	\$7,897
LNES65-125/30	3.00	\$4,463
LNES65-125/40	4.00	\$5,031
LNES65-125/55	5.50	\$5,210
LNES65-125/75	7.50	\$6,004
LNES65-160/75	7.50	\$7,081
LNES65-200/110	11.00	\$9,160
LNES65-200/150	15.00	\$11,300
LNES80-160/110	11.00	\$9,855
LNES80-200/110	11.00	\$10,347
LNES80-200/150	15.00	\$10,423
LNES80-200/185	18.50	\$12,404
LNES100-160/150	15.00	\$10,918
LNES100-160/185	18.50	\$13,575
LNES100-200/220	22.00	\$14,551
LNES100-200/300	30.00	\$18,089

#### 4 Pole-1450 RPM

Product Code: LWLN		
Model	kW	415 V 3 Phase 50Hz
LNES4 40-160/05	0.55	\$3,319
LNES4 40-200/07	0.75	\$4,582
LNES4 40-250/15	1.50	\$5,054
LNES4 40-250/22	2.20	\$5,527
LNES4 50-125/05	0.55	\$3,632
LNES4 50-160/07	0.75	\$3,791
LNES4 50-200/11	1.10	\$4,582
LNES4 50-200/15	1.50	\$4,833
LNES4 50-250/22	2.20	\$5,843
LNES4 65-160/07	0.75	\$4,896
LNES4 65-200/11	1.10	\$5,210
LNES4 65-200/15	1.50	\$5,390
LNES4 65-250/22	2.20	\$6,159
LNES4 65-250/30	3.00	\$5,936
LNES4 65-250/40	4.00	\$7,277
LNES4 80-160/15	1.50	\$5,686
LNES4 80-160/22	2.20	\$6,004
LNES4 80-200/30	3.00	\$6,590
LNES4 80-200/40	4.00	\$7,044
LNES4 80-250/55	5.50	\$9,567
LNES4 80-250/75	7.50	\$9,994

<b>Base Plate (optional)</b>	LNE Base Plate 40-100 Series LWLN 109.391.270	\$544
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e-LNE Series images shown with optional base plate

## 6. Booster Systems


- SteadyPres Systems, Hydro Pac and Pressure Pac



## SteadyPres–Single Pump Booster Systems

### Variable Speed Controlled–Constant Pressure

- Price Includes:
  - 240volt Pump IP55
  - SteadyPres Controller IP65 with inbuilt non-return
  - Discharge fittings and isolation valves
  - 8L or 18L Pressure Tank (dependent on system size)
- Pumps to AS/NZS 4020
- 2 year warranty on factory assembled booster systems
- Made to order, manufacturing lead time advised at time of order

- Freight charges apply to this product range 



Product Code: LWHM	
Model	
3HM03-SP08	\$2,736
3HM04-SP08	\$2,912
3HM05-SP08	\$2,987
5HM02-SP08	\$2,796
5HM03-SP08	\$2,945
5HM04-SP08	\$3,194
5HM05-SP08	\$3,299
5HM06-SP08	\$3,376
3HMS04-SP08	\$2,792
3HMS06-SP08	\$3,029
5HMS03-SP08	\$3,058
5HMS04-SP08	\$3,103
5HMS05-SP08	\$3,183

Product Code: LWSV	
Model	
3SV08F07-SP08	\$5,042
3SV10F11-SP08	\$5,207
3SV12F11-SP08	\$5,394
3SV16F15-SP08	\$6,300
5SV05F07-SP18	\$5,195
5SV06F11-SP18	\$5,404
5SV08F11-SP18	\$5,555
5SV09F15-SP18	\$6,069
5SV11F15-SP18	\$6,212
5SV12F22-SP18	\$6,789
5SV16F022-SP18	\$7,101
10SV03F11-SP18	\$5,842
10SV04F15-SP18	\$6,341
10SV06F22-SP18	\$6,997



Check out the Smart Pump Booster Sets with permanent magnet variable speed drives on page 27

## Find the perfect pump for the job!



At Brown Brothers Engineers, we want to simplify things for you by increasing accessibility to our product information.

Check out the *Resources* section on our website for a whole range of collateral including Pump Selection Tools.

[www.brownbros.com.au/resources](http://www.brownbros.com.au/resources)


## Hydro Pac-Single Booster System

### Variable Speed Controlled

Price includes:

- e-SV multi-stage pump IP55 / Hydrovar controller IP55 / Stainless steel manifold / 18L Pressure tank / Pressure gauge / Non-return valve and isolation valves all mounted on a stainless steel base
- Three phase version includes isolator switch and bracket
- Other models available on request
- Manifold sizes as shown
- Pumps to AS/NZS 4020
- 2 year warranty on factory-assembled booster systems
- Made to order, manufacturing lead time advised at time of order



- Freight charges apply to this product range 

Product Code: BSHP			
Model	Manifold	kW	240 V 1 Phase 50Hz
1SV22HPS-M	25mm	1.10	\$9,394
1SV25HPS-M	25mm	1.50	\$9,536
3SV10HPS-M	25mm	1.10	\$8,416
3SV12HPS-M	25mm	1.10	\$8,638
3SV16HPS-M	25mm	1.50	\$9,452
3SV21HPS-M	25mm	2.20	\$10,168
5SV08HPS-M	32mm	1.10	\$8,761
5SV11HPS-M	32mm	1.50	\$9,280
5SV13HPS-M	32mm	2.20	\$9,930
5SV16HPS-M	32mm	2.20	\$10,319
10SV03HPS-M	40mm	1.10	\$9,162
10SV04HPS-M	40mm	1.50	\$9,507
10SV05HPS-M	40mm	2.20	\$10,017
10SV06HPS-M	40mm	2.20	\$10,211
15SV01HPS-M	50mm	1.10	\$9,893
15SV02HPS-M	50mm	2.20	\$10,444
22SV01HPS-M	50mm	1.10	\$9,974
22SV02HPS-M	50mm	2.20	\$10,757
Single-phase options up to 4 kW available on request POA			

Product Code: BSHP			
Model	Manifold	kW	415 V 3 Phase 50Hz
1SV22HPS-T	25mm	1.10	\$9,492
1SV25HPS-T	25mm	1.50	\$9,626
3SV10HPS-T	25mm	1.10	\$8,528
3SV12HPS-T	25mm	1.10	\$8,745
3SV16HPS-T	25mm	1.50	\$9,538
3SV21HPS-T	25mm	2.20	\$9,886
5SV08HPS-T	32mm	1.10	\$8,864
5SV11HPS-T	32mm	1.50	\$9,368
5SV13HPS-T	32mm	2.20	\$9,647
5SV16HPS-T	32mm	2.20	\$10,032
5SV18HPS-T	32mm	3.00	\$10,774
5SV21HPS-T	32mm	3.00	\$10,941
10SV03HPS-T	40mm	1.10	\$9,324
10SV04HPS-T	40mm	1.50	\$9,662
10SV05HPS-T	40mm	2.20	\$9,810
10SV06HPS-T	40mm	2.20	\$9,997
10SV07HPS-T	40mm	3.00	\$10,625
10SV08HPS-T	40mm	3.00	\$10,764
10SV11HPS-T	40mm	4.00	\$13,514
10SV13HPS-T	40mm	5.50	\$14,785
15SV02HPS-T	50mm	2.20	\$10,191
15SV03HPS-T	50mm	3.00	\$10,918
15SV04HPS-T	50mm	4.00	\$12,979
15SV05HPS-T	50mm	4.00	\$13,126
15SV07HPS-T	50mm	5.50	\$14,630
15SV09HPS-T	50mm	7.50	\$16,732
15SV11HPS-T	50mm	11.00	\$18,648
22SV02HPS-T	50mm	2.20	\$10,500
22SV03HPS-T	50mm	3.00	\$12,028
22SV04HPS-T	50mm	4.00	\$14,540
22SV05HPS-T	50mm	5.50	\$15,142
22SV07HPS-T	50mm	7.50	\$17,002
22SV10HPS-T	50mm	11.00	\$19,794

## Hydro Pac-Dual Booster System

### Variable Speed Controlled


Price includes:

- Dual e-SV multi-stage pumps IP55/ Dual Hydrovar controllers IP55 / Stainless steel manifolds / 18L Pressure tank / Pressure gauge / Non-return valves and isolation valves all mounted on a stainless steel base
- Three phase version includes isolator switch and bracket
- Other models available on request
- Manifold sizes as shown
- Pumps to AS/NZS 4020
- 2 year warranty on factory-assembled booster systems
- Made to order, manufacturing lead time advised at time of order



Hydro Pac-Dual System



- Freight charges apply to this product range 

Product Code: BSHP			
Model	Manifold	kW	240 V 1 Phase 50Hz
1DSV22HPS-M	50mm	1.10	\$17,556
1DSV25HPS-M	50mm	1.50	\$17,779
3DSV10HPS-M	50mm	1.10	\$16,055
3DSV12HPS-M	50mm	1.10	\$16,419
3DSV16HPS-M	50mm	1.50	\$17,635
3DSV21HPS-M	50mm	2.20	\$18,966
5DSV08HPS-M	50mm	1.10	\$16,846
5DSV11HPS-M	50mm	1.50	\$17,746
5DSV13HPS-M	50mm	2.20	\$19,042
5DSV16HPS-M	50mm	2.20	\$19,601
10DSV03HPS-M	65mm	1.10	\$18,297
10DSV04HPS-M	65mm	1.50	\$18,900
10DSV05HPS-M	65mm	2.20	\$20,020
10DSV06HPS-M	65mm	2.20	\$21,042
15DSV01HPS-M	80mm	1.10	\$19,233
15DSV02HPS-M	80mm	2.20	\$20,350
22DSV01HPS-M	80mm	1.10	\$19,369
22DSV02HPS-M	80mm	2.20	\$20,931
Single-phase options up to 4 kW available on request POA			

Product Code: BSHP			
Model	Manifold	kW	415 V 3 Phase 50Hz
1DSV22HPS-T	50mm	1.10	\$17,798
1DSV25HPS-T	50mm	1.50	\$18,017
3DSV10HPS-T	50mm	1.10	\$16,340
3DSV12HPS-T	50mm	1.10	\$16,693
3DSV16HPS-T	50mm	1.50	\$17,876
3DSV21HPS-T	50mm	2.20	\$18,444
3DSV33HPS-T	50mm	3.00	\$21,377
5DSV08HPS-T	50mm	1.10	\$17,444
5DSV11HPS-T	50mm	1.50	\$18,291
5DSV13HPS-T	50mm	2.20	\$18,759
5DSV16HPS-T	50mm	2.20	\$19,283
5DSV21HPS-T	50mm	3.00	\$20,850
10DSV03HPS-T	65mm	1.10	\$19,647
10DSV04HPS-T	65mm	1.50	\$20,234
10DSV06HPS-T	65mm	2.20	\$20,814
10DSV07HPS-T	65mm	3.00	\$22,658
10DSV08HPS-T	65mm	3.00	\$22,901
10DSV09HPS-T	65mm	4.00	\$25,936
10DSV10HPS-T	65mm	4.00	\$26,668
10DSV11HPS-T	65mm	4.00	\$27,295
10DSV13HPS-T	65mm	5.50	\$29,669
15DSV01HPS-T	80mm	1.10	\$20,687
15DSV02HPS-T	80mm	2.20	\$20,993
15DSV03HPS-T	80mm	3.00	\$23,078
15DSV05HPS-T	80mm	4.00	\$26,533
15DSV07HPS-T	80mm	5.50	\$28,791
15DSV09HPS-T	80mm	7.50	\$32,532
15DSV11HPS-T	80mm	11.00	\$35,907
22DSV01HPS-T	80mm	1.10	\$20,813
22DSV02HPS-T	80mm	2.20	\$21,509
22DSV03HPS-T	80mm	3.00	\$24,996
22DSV04HPS-T	80mm	4.00	\$28,974
22DSV05HPS-T	80mm	5.50	\$29,648
22DSV07HPS-T	80mm	7.50	\$33,109
22DSV10HPS-T	80mm	11.00	\$37,829



Custom multiple pump systems (eg. triple, quads) are also available upon request.


## Pressure Pac-Single Booster System

### Pressure Switch Controlled

Price includes:

- e-SV Multi-stage pump IP55 / Stainless steel manifold and base / Pressure tank / Pressure switch and gauge / Non-return valve and isolation valves
- Other models available on request
- Standard systems do not have LOP protection, LOP available up to 1.5kW single-phase upon request, additional charges apply
- Extra for 25mm 304 stainless steel 10 bar flexible hose for free standing tanks
- 0.5 metre length P/No: AKMS70221 \$114
- 1.0 metre length P/No: AKMS70222 \$180
- 1.5 metre length P/No: AKMS70223 \$213
- Three-phase systems include contactor and overload
- Pumps to AS/NZS 4020
- 2 year warranty on factory-assembled booster systems
- Made to order, manufacturing lead time advised at time of order



- Freight charges apply to this product range 

Product Code: BSPP		10 Bar	16 Bar	
240 V 1 Phase 50Hz (M)	Model	kW	18 Lt Tank	18 Lt Tank
	1SV09WPS-M 25mm manifold	0.55	\$4,172	-
	1SV11WPS-M "	0.55	\$4,285	-
	1SV15WPS-M "	0.75	\$4,739	-
	1SV22WPS-M "	1.10	-	\$5,432
	1SV25WPS-M "	1.50	-	\$5,642
	3SV08WPS-M 25mm manifold	0.75	\$4,304	-
	3SV11WPS-M "	1.10	\$4,577	-
	3SV13WPS-M "	1.50	\$4,754	-
	3SV16WPS-M "	1.50	-	\$5,568
	3SV21WPS-M "	2.20	-	\$5,887
	5SV06WPS-M 32mm manifold	1.10	\$4,541	-
	5SV08WPS-M "	1.10	\$4,681	-
	5SV11WPS-M "	1.50	\$5,248	-
	5SV13WPS-M "	2.20	\$5,547	-
	5SV16WPS-M "	2.20	-	\$5,964
	10SV03WPS-M 40mm manifold	1.10	\$4,923	-
	10SV04WPS-M "	1.50	\$5,349	-
	10SV06WPS-M "	2.20	\$5,772	-
	15SV01WPS-M 50mm manifold	1.10	\$5,702	-
15SV02WPS-M "	2.20	\$5,901	-	
22SV01WPS-M 50mm manifold	1.10	\$5,879	-	
22SV02WPS-M "	2.20	\$6,266	-	

6.

Pressure Pac-Single Booster System (Cont.)

Product Code: BSPP			10 Bar	16 Bar
415 V 3 Phase 50Hz (T)	Model	kW	18 Lt Tank	18 Lt Tank
		1SV09WPS-T 25mm manifold	0.55	\$5,737
	1SV11WPS-T "	0.55	\$5,889	-
	1SV15WPS-T "	0.75	\$6,207	-
	1SV17WPS-T "	1.10	-	\$6,503
	1SV22WPS-T "	1.10	-	\$6,810
	1SV25WPS-T "	1.50	-	\$6,935
	3SV08WPS-T 25mm manifold	0.75	\$5,742	-
	3SV11WPS-T "	1.10	\$6,021	-
	3SV13WPS-T "	1.50	\$6,196	-
	3SV16WPS-T "	1.50	-	\$6,853
	3SV21WPS-T "	2.20	-	\$7,182
	5SV06WPS-T 32mm manifold	1.10	\$6,050	-
	5SV08WPS-T "	1.10	\$6,217	-
	5SV11WPS-T "	1.50	\$6,691	-
	5SV13WPS-T "	2.20	\$6,954	-
	5SV16WPS-T "	2.20	-	\$7,320
	5SV21WPS-T "	3.00	-	\$7,841
	10SV03WPS-T 40mm manifold	1.10	\$6,577	-
	10SV04WPS-T "	1.50	\$6,895	-
	10SV05WPS-T "	2.20	\$7,034	-
	10SV06WPS-T "	2.20	\$7,208	-
	10SV08WPS-T "	3.00	\$7,669	-
	10SV11WPS-T "	4.00	-	\$8,876
	10SV13WPS-T "	5.50	-	\$9,720
	15SV02WPS-T 50mm manifold	2.20	\$7,373	-
	15SV03WPS-T "	3.00	\$7,797	-
	15SV04WPS-T "	4.00	\$8,356	-
	15SV05WPS-T "	4.00	\$8,498	-
	15SV07WPS-T "	5.50	\$9,555	-
	15SV09WPS-T "	7.50	-	\$10,898
	22SV02WPS-T 50mm manifold	2.20	\$7,661	-
	22SV03WPS-T "	3.00	\$8,836	-
	22SV04WPS-T "	4.00	\$9,821	-
	22SV05WPS-T "	5.50	\$10,037	-
	22SV07WPS-T "	7.50	-	\$11,291




## Pressure Pac-Dual Booster System

### Pressure Switch Controlled

Price includes:

- Dual e-SV Multi-stage pump IP55 / Stainless steel manifolds and base / Pressure tank / Pressure switch and gauge / Non-return valves and isolation valves
  - Other models available on request
  - Standard systems do not have LOP protection, LOP available up to 1.5kW single-phase upon request, additional charges apply
  - Extra for 25mm 304 stainless steel 10 bar flexible hose for free standing tanks
    - 0.5 metre length P/No: AKMS70221 \$114
    - 1.0 metre length P/No: AKMS70222 \$180
    - 1.5 metre length P/No: AKMS70223 \$213
  - Systems include basic dual alternating panel
  - Pumps to AS/NZS 4020
- 2 year warranty on factory-assembled booster systems
- Made to order, manufacturing lead time advised at time of order



- Freight charges apply to this product range 

Product Code: BSPP			10 Bar	16 Bar
240 V 1 Phase 50Hz (M)	Model	kW	18 Lt Tank	18 Lt Tank
		1DSV09WPS-M 50mm manifold	0.55	\$11,877
	1DSV11WPS-M "	0.55	\$12,084	-
	1DSV15WPS-M "	0.75	\$12,894	-
	1DSV17WPS-M "	1.10	-	\$13,441
	1DSV22WPS-M "	1.10	-	\$13,983
	1DSV25WPS-M "	1.50	-	\$14,357
	3DSV08WPS-M 50mm manifold	0.75	\$12,109	-
	3DSV11WPS-M "	1.10	\$12,602	-
	3DSV13WPS-M "	1.50	\$12,702	-
	3DSV16WPS-M "	1.50	-	\$14,223
	3DSV21WPS-M "	2.20	-	\$14,791
	5DSV06WPS-M 50mm manifold	1.10	\$12,833	-
	5DSV08WPS-M "	1.10	\$13,089	-
	5DSV11WPS-M "	1.50	\$14,121	-
	5DSV13WPS-M "	2.20	\$14,666	-
	5DSV16WPS-M "	2.20	-	\$15,377
	10DSV03WPS-M 65mm manifold	1.10	\$15,110	-
	10DSV04WPS-M "	1.50	\$15,921	-
	10DSV05WPS-M "	2.20	\$16,482	-
	10DSV06WPS-M "	2.20	\$16,741	-
	15DSV01WPS-M 80mm manifold	1.10	\$16,331	-
	15DSV02WPS-M "	2.20	\$16,697	-
	22DSV01WPS-M 80mm manifold	1.10	\$16,653	-
	22DSV02WPS-M "	2.20	\$17,361	-

6.

Pressure Pac-Dual Booster System (Cont.)

Product Code: BSPP			10 Bar	16 Bar
415 V 3 Phase 50Hz (T)	Model	kW	18 Lt Tank	18 Lt Tank
		1DSV09WPS-T 50mm manifold	0.55	\$11,869
	1DSV11WPS-T "	0.55	\$12,139	-
	1DSV15WPS-T "	0.75	\$12,712	-
	1DSV17WPS-T "	1.10	-	\$13,257
	1DSV22WPS-T "	1.10	-	\$13,810
	1DSV25WPS-T "	1.50	-	\$14,033
	3DSV06WPS-T 50mm manifold	0.55	\$11,557	-
	3DSV08WPS-T "	0.75	\$11,873	-
	3DSV11WPS-T "	1.10	\$12,375	-
	3DSV13WPS-T "	1.50	\$12,695	-
	3DSV16WPS-T "	1.50	-	\$13,888
	3DSV21WPS-T "	2.20	-	\$14,475
	5DSV06WPS-T 50mm manifold	1.10	\$12,726	-
	5DSV08WPS-T "	1.10	\$13,025	-
	5DSV11WPS-T "	1.50	\$13,895	-
	5DSV13WPS-T "	2.20	\$14,379	-
	5DSV16WPS-T "	2.20	-	\$14,984
	5DSV21WPS-T "	3.00	-	\$15,924
	10DSV03WPS-T 65mm manifold	1.10	\$15,252	-
	10DSV04WPS-T "	1.50	\$15,862	-
	10DSV05WPS-T "	2.20	\$16,128	-
	10DSV06WPS-T "	2.20	\$16,467	-
	10DSV08WPS-T "	3.00	\$17,355	-
	10DSV11WPS-T "	4.00	-	\$19,437
	10DSV13WPS-T "	5.50	-	\$21,033
	15DSV02WPS-T 80mm manifold	2.20	\$16,542	-
	15DSV03WPS-T "	3.00	\$17,319	-
	15DSV04WPS-T "	4.00	\$18,342	-
	15DSV05WPS-T "	4.00	\$18,596	-
	15DSV07WPS-T "	5.50	\$20,531	-
	15DSV09WPS-T "	7.50	-	\$22,882
	15DSV11WPS-T "	11.0	-	\$25,433
	22DSV02WPS-T 80mm manifold	2.20	\$17,069	-
	22DSV03WPS-T "	3.00	\$19,215	-
	22DSV04WPS-T "	4.00	\$21,015	-
	22DSV05WPS-T "	5.50	\$21,405	-
	22DSV07WPS-T "	7.50	-	\$23,589
	22DSV10WPS-T "	11.0	-	\$27,375

## 7. Vertical Multi-Stage Pumps

- Hydrovar-X
- Lowara e-SV Series
- Lowara Special Version e-SV Series
- Parts: Flange Kits, Seals and Rotating Elements



## Hydrovar X+

Fully integrated motor with PLC, variable speed drive and pump into a single unit

# hydrovar® X



### Hydrovar X+ (SVX)

- Full graphical colour display
- Set up the unit with the colour display or with the app on your smart mobile phone
- Start Up genie for easy commissioning
- Remote control and management via the Xylem X app
- Separate quick connect components allow replacement of drive or motor independently
- Integrated motor with a variable speed drive and pump into a single unit
- Three-phase power supply: from 3 kW to 22 kW: 380-480 V +/- 10%
- Protection class IP 55
- IE5 efficiency level (IEC TS 60034-30-2:2016)
- Environment operating temperature: -20° C to +50° C with no performance derating
- Overload and locked rotor protection with automatic reset incorporated
- Can be linked up to eight e-SV hydrovar X+ pumps
- Synchronous electric motor with permanent magnet assisted reluctance technology, closed structure, air-cooled (TEFC)
- 2 year warranty



Product Code: LWVS		
Model	kW	415 V 3 Phase 50Hz
3SVX21F030T	3.0	\$9,662
5SVX15F030T	3.0	\$8,630
5SVX19F040T	4.0	\$10,414
5SVX23F055T	5.5	\$11,813
10SVX06F030T	3.0	\$8,781
10SVX08F040T	4.0	\$10,780
10SVX11F055T	5.5	\$12,363
10SVX15F075T	7.5	\$15,737

Product Code: LWVS		
Model	kW	415 V 3 Phase 50Hz
15SVX02F030T	3.0	\$8,405
15SVX03F040T	4.0	\$10,378
15SVX05F055T	5.5	\$12,121
15SVX07F075T	7.5	\$14,619
15SVX09F110T	11.0	\$16,371
15SVX12F150T	15.0	\$21,161
22SVX02F030T	3.0	\$11,637
22SVX03F040T	4.0	\$12,386
22SVX04F055T	5.5	\$13,968
22SVX05F75T	7.5	\$14,191
22SVX07F110T	11.0	\$16,320
22SVX10F150T	15.0	\$20,726

## hydrovar® X

# When connectivity meets simplicity and sustainability.

hydrovar® X delivers the best in energy efficiency performances with its frequency converter coupled with the ultimate synchronous motor, manufactured by Xylem - integrating decades of expertise and know-how in pumping solutions.

Remote control and management via the xylem X app

Graphic colour display

Preset from factory

Automated start-up menu

IE5 motor equipped with advanced control for the highest efficiency level and to extend the motor life

Standard multi-pump capability of up to 8 pumps with no single failure point



## e-SV Series-1, 3, 5, 10, 15, 22

- AISI 304 Stainless steel vertical multi-stage pumps
- 25 bar rated
- All wetted components manufactured in stainless steel
- All 316L stainless steel construction available POA
- In line configuration with round flanges
- Motor IP55
- Standard mech seal sic/carb-EDPM
- 2 year warranty on e-SV multi-stage pumps
- AS/NZS 4020 approved for potable water

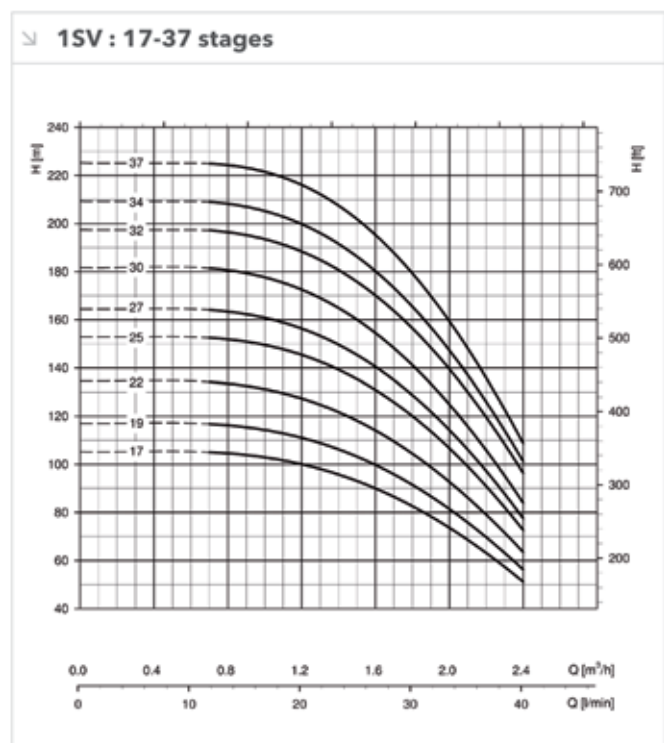
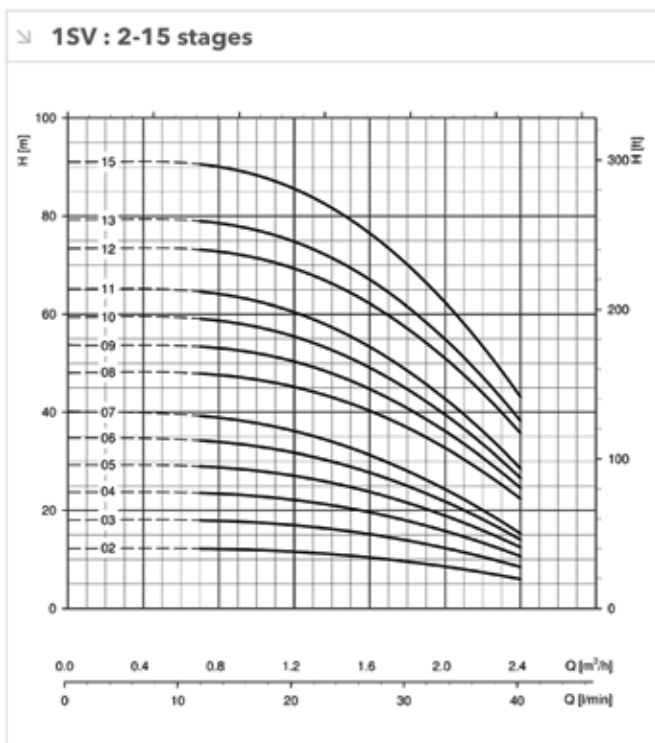


- Please note mating flanges not included in price, refer to page 57 for flange pricing

### 1 e-SV Series

Product Code: LWSV		
Model	kW	240 V 1 Phase 50Hz
1SV02F003M	0.37	\$1,799
1SV03F003M	0.37	\$1,813
1SV04F003M	0.37	\$1,863
1SV05F003M	0.37	\$1,916
1SV06F003M	0.37	\$1,967
1SV07F003M	0.37	\$2,021
1SV08F005M	0.55	\$2,125
1SV09F005M	0.55	\$2,174
1SV10F005M	0.55	\$2,217
1SV11F005M	0.55	\$2,296
1SV12F007M	0.75	\$2,552
1SV13F007M	0.75	\$2,653
1SV15F007M	0.75	\$2,780
1SV17F011M	1.10	\$2,975
1SV19F011M	1.10	\$3,139
1SV22F011M	1.10	\$3,300
1SV25F015M	1.50	\$3,527
1SV27F015M	1.50	\$3,829
1SV30F015M	1.50	\$4,040
1SV32F022M	2.20	\$4,270
1SV34F022M	2.20	\$4,792
1SV37F022M	2.20	\$5,023

Product Code: LWSV		
Model	kW	415 V 3 Phase 50Hz
1SV02F003T	0.37	\$1,664
1SV03F003T	0.37	\$1,698
1SV04F003T	0.37	\$1,749
1SV05F003T	0.37	\$1,799
1SV06F003T	0.37	\$1,849
1SV07F003T	0.37	\$1,902
1SV08F005T	0.55	\$1,920
1SV09F005T	0.55	\$1,983
1SV10F005T	0.55	\$2,061
1SV11F005T	0.55	\$2,140
1SV12F007T	0.75	\$2,252
1SV13F007T	0.75	\$2,318
1SV15F007T	0.75	\$2,477
1SV17F011T	1.10	\$2,640
1SV19F011T	1.10	\$2,804
1SV22F011T	1.10	\$2,960
1SV25F015T	1.50	\$3,099
1SV27F015T	1.50	\$3,533
1SV30F015T	1.50	\$3,752
1SV32F022T	2.20	\$3,990
1SV34F022T	2.20	\$4,360
1SV37F022T	2.20	\$4,596



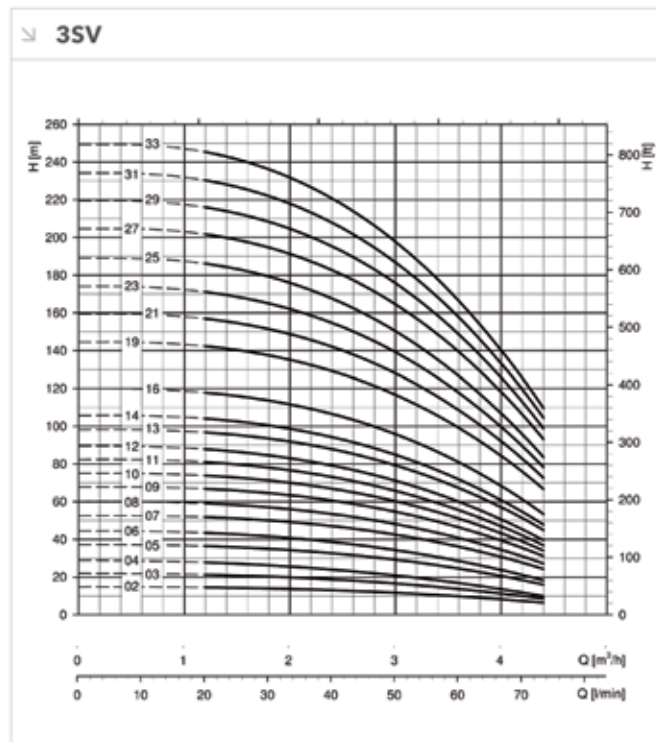
e-SV Series (Cont.)

3 e-SV Series

Product Code: LWSV		
Model	kW	240 V 1 Phase 50Hz
3SV02F003M	0.37	\$1,713
3SV03F003M	0.37	\$1,747
3SV04F003M	0.37	\$1,774
3SV05F005M	0.55	\$1,858
3SV06F005M	0.55	\$1,931
3SV07F007M	0.75	\$2,070
3SV08F007M	0.75	\$2,315
3SV09F011M	1.10	\$2,394
3SV10F011M	1.10	\$2,481
3SV11F011M	1.10	\$2,607
3SV12F011M	1.10	\$2,664
3SV13F015M	1.50	\$2,796
3SV14F015M	1.50	\$2,985
3SV16F015M	1.50	\$3,382
3SV19F022M	2.20	\$3,563
3SV21F022M	2.20	\$3,717
3SV23F022M	2.20	\$3,899
3SV25F022M	2.20	\$4,127

Single-phase options up to 3 kW available on request POA

Product Code: LWSV		
Model	kW	415 V 3 Phase 50Hz
3SV02F003T	0.37	\$1,631
3SV03F003T	0.37	\$1,686
3SV04F003T	0.37	\$1,726
3SV05F005T	0.55	\$1,777
3SV06F005T	0.55	\$1,803
3SV07F007T	0.75	\$1,952
3SV08F007T	0.75	\$1,983
3SV09F011T	1.10	\$2,095
3SV10F011T	1.10	\$2,153
3SV11F011T	1.10	\$2,279
3SV12F011T	1.10	\$2,368
3SV13F015T	1.50	\$2,467
3SV14F015T	1.50	\$2,630
3SV16F015T	1.50	\$2,985
3SV19F022T	2.20	\$3,166
3SV21F022T	2.20	\$3,329
3SV23F022T	2.20	\$3,470
3SV25F022T	2.20	\$3,658
3SV27F030T	3.00	\$3,858
3SV29F030T	3.00	\$4,032
3SV31F030T	3.00	\$4,117
3SV33F030T	3.00	\$4,344



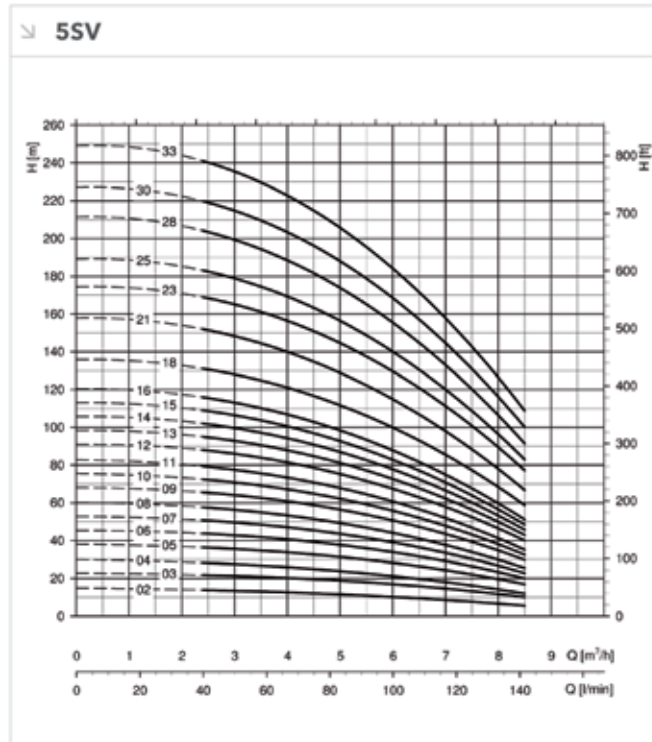
e-SV Series (Cont.)

5 e-SV Series

Product Code: LWSV		
Model	kW	240 V 1 Phase 50Hz
5SV02F003M	0.37	\$1,858
5SV03F005M	0.55	\$1,916
5SV04F005M	0.55	\$2,044
5SV05F007M	0.75	\$2,252
5SV06F011M	1.10	\$2,459
5SV07F011M	1.10	\$2,534
5SV08F011M	1.10	\$2,607
5SV09F015M	1.50	\$3,006
5SV10F015M	1.50	\$3,048
5SV11F015M	1.50	\$3,147
5SV12F022M	2.20	\$3,382
5SV13F022M	2.20	\$3,465
5SV14F022M	2.20	\$3,563
5SV15F022M	2.20	\$3,634
5SV16F022M	2.20	\$3,690
Single-phase options up to 5.5 kW available on request POA		

Product Code: LWSV		
Model	kW	415 V 3 Phase 50Hz
5SV02F003T	0.37	\$1,843
5SV03F005T	0.55	\$1,863
5SV04F005T	0.55	\$1,988
5SV05F007T	0.75	\$2,088
5SV06F011T	1.10	\$2,201
5SV07F011T	1.10	\$2,279
5SV08F011T	1.10	\$2,371
5SV09F015T	1.50	\$2,656
5SV10F015T	1.50	\$2,759
5SV11F015T	1.50	\$2,878
5SV12F022T	2.20	\$3,075
5SV13F022T	2.20	\$3,156
5SV14F022T	2.20	\$3,234
5SV15F022T	2.20	\$3,314
5SV16F022T	2.20	\$3,389
5SV18F030T	3.00	\$3,778
5SV21F030T	3.00	\$3,943
5SV23F040T	4.00	\$4,145
5SV25F040T	4.00	\$4,302
5SV28F040T	4.00	\$4,478
5SV30F055T	5.50	\$5,095
5SV33F055T	5.50	\$5,345

7.

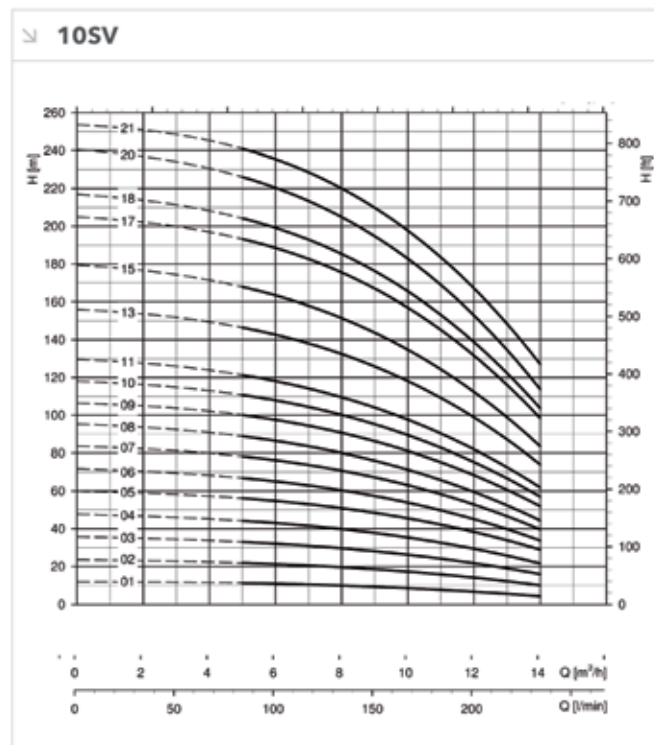


e-SV Series (Cont.)

10 e-SV Series

Product Code: LWSV		
Model	kW	240 V 1 Phase 50Hz
10SV01F007M	0.75	\$2,318
10SV02F007M	0.75	\$2,416
10SV03F011M	1.10	\$2,767
10SV04F015M	1.50	\$3,156
10SV05F022M	2.20	\$3,459
10SV06F022M	2.20	\$3,599
Single-phase options up to 7.5 kW available on request POA		

Product Code: LWSV		
Model	kW	415 V 3 Phase 50Hz
10SV01F007T	0.75	\$2,228
10SV02F007T	0.75	\$2,303
10SV03F011T	1.10	\$2,661
10SV04F015T	1.50	\$2,994
10SV05F022T	2.20	\$3,139
10SV06F022T	2.20	\$3,324
10SV07F030T	3.00	\$3,675
10SV08F030T	3.00	\$3,811
10SV09F040T	4.00	\$4,105
10SV10F040T	4.00	\$4,498
10SV11F040T	4.00	\$4,843
10SV13F055T	5.50	\$5,717
10SV15F055T	5.50	\$5,894
10SV17F075T	7.50	\$6,390
10SV18F075T	7.50	\$6,577
10SV20F075T	7.50	\$6,886
10SV21F110T	11.00	\$8,594

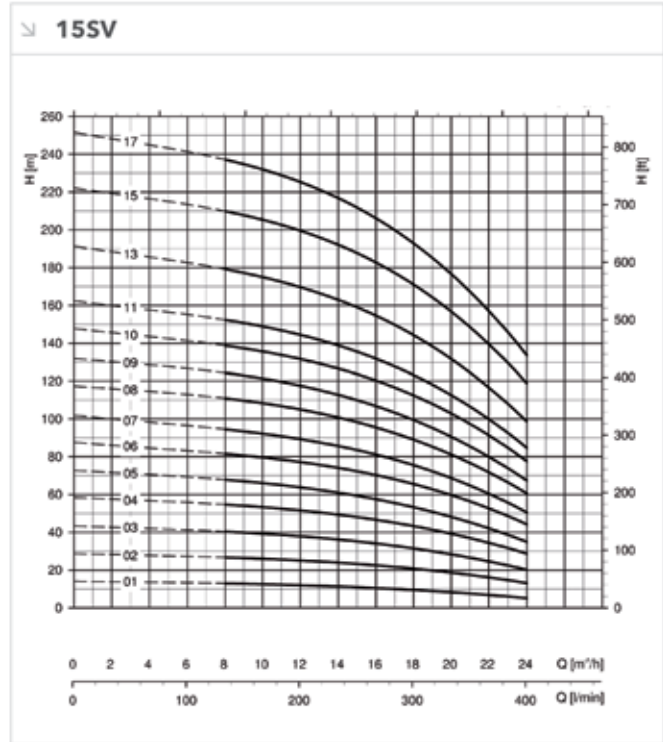


e-SV Series (Cont.)

15 e-SV Series

Product Code: LWSV		
Model	kW	240 V 1 Phase 50Hz
15SV01F011M	1.10	\$3,300
15SV02F022M	2.20	\$3,510
Single-phase options up to 7.5 kW available on request POA		

Product Code: LWSV		
Model	kW	415 V 3 Phase 50Hz
15SV01F011T	1.10	\$3,035
15SV02F022T	2.20	\$3,272
15SV03F030T	3.00	\$3,717
15SV04F040T	4.00	\$4,298
15SV05F040T	4.00	\$4,441
15SV06F055T	5.50	\$5,437
15SV07F055T	5.50	\$5,651
15SV08F075T	7.50	\$6,462
15SV09F075T	7.50	\$6,783
15SV10F110T	11.00	\$8,135
15SV11F110T	11.00	\$8,253
15SV13F110T	11.00	\$8,451
15SV15F150T	15.00	\$9,203
15SV17F150T	15.00	\$10,841

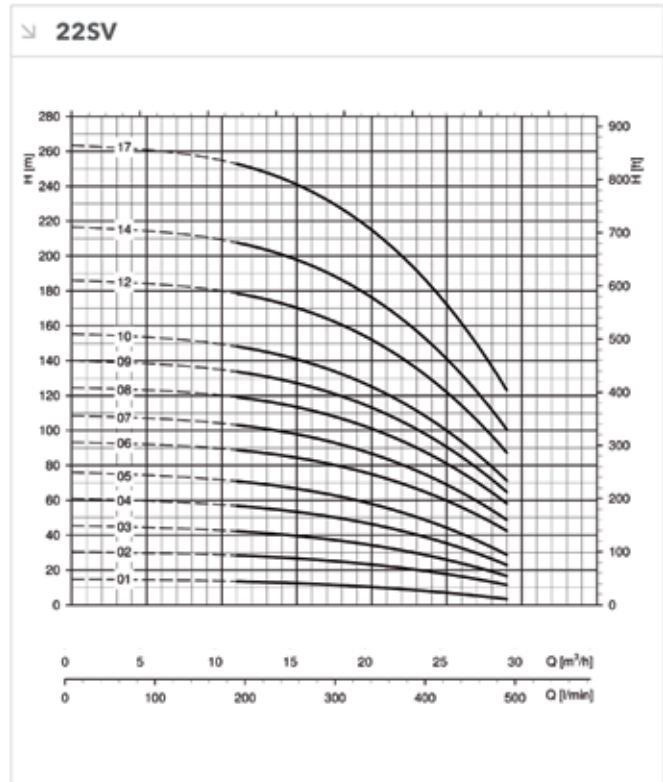


7.

22 e-SV Series

Product Code: LWSV		
Model	kW	240 V 1 Phase 50Hz
22SV01F011M	1.10	\$3,512
22SV02F022M	2.20	\$3,911
Single-phase options up to 7.5 kW available on request POA		

Product Code: LWSV		
Model	kW	415 V 3 Phase 50Hz
22SV01F011T	1.10	\$3,131
22SV02F022T	2.20	\$3,531
22SV03F030T	3.00	\$4,735
22SV04F040T	4.00	\$5,743
22SV05F055T	5.50	\$5,959
22SV06F075T	7.50	\$6,879
22SV07F075T	7.50	\$7,103
22SV08F110T	11.00	\$8,808
22SV09F110T	11.00	\$9,014
22SV10F110T	11.00	\$9,250
22SV12F150T	15.00	\$11,054
22SV14F150T	15.00	\$11,499
22SV17F185T	18.50	\$13,514



### e-SV Counterflange Kits

PN25 Pressed Steel Zinc-Plated Threaded Flanges NOTE: Kits comprise 2 flanges, 2 flange gaskets and bolts			
Suit 1eSV to 3eSV	25mm 4 holes	LWSV109.398.000	\$147
Suit 5eSV	32mm 4 holes	LWSV109.398.010	\$184
Suit 10eSV	40mm 4 holes	LWSV109.398.020	\$197
Suit 15eSV to 22eSV	50mm 4 holes	LWSV109.398.030	\$220

PN16 304 Stainless Steel Threaded Flanges NOTE: Kits comprise 2 flanges, 2 flange gaskets and bolts			
Suit 1eSV to 3eSV	25mm 4 holes	LWSV109.398.001	\$187
Suit 5eSV	32mm 4 holes	LWSV109.398.011	\$253
Suit 10eSV	40mm 4 holes	LWSV109.398.021	\$304
Suit 15eSV to 22eSV	50mm 4 holes	LWSV109.398.031	\$335

### e-SV Series-33, 46, 66, 92, 125

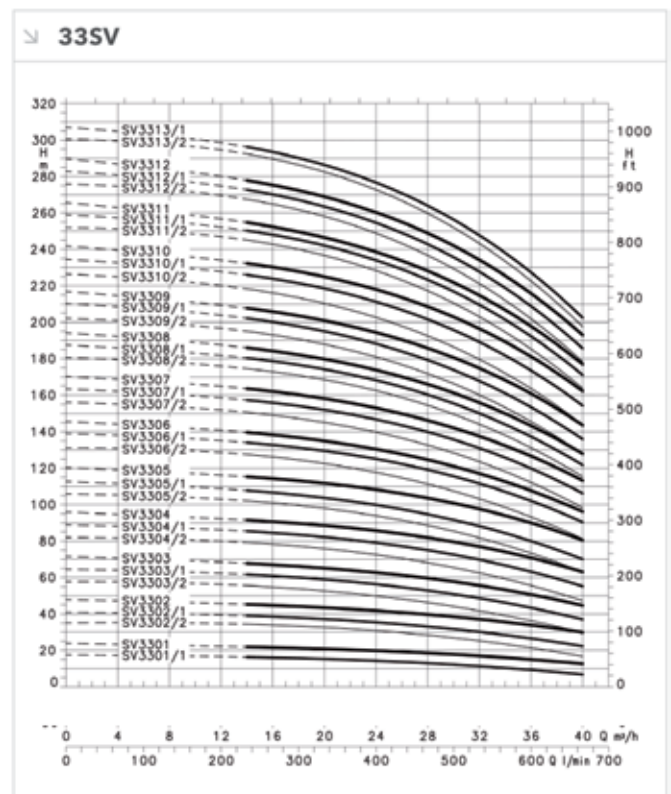
- Stainless steel \ cast iron vertical multi-stage pumps
- Up to 40 bar as shown
- 316L stainless steel construction available POA
- In line configuration with round flanges
- Single-phase options up to 7.5 kW available on request
- Motor IP55
- 2 year warranty
- AS/NZS 4020 approved for potable water
- Counter flanges available refer page 59



### e-SV 33 Series

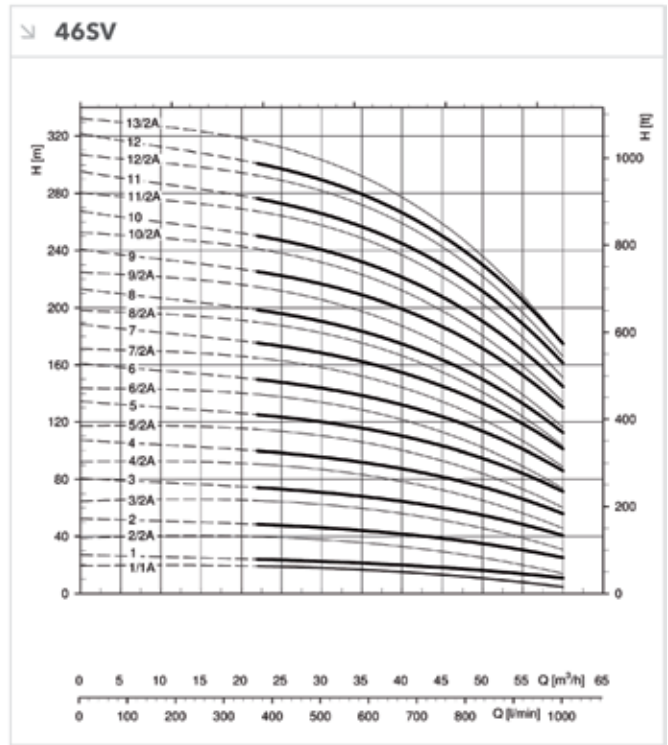
Product Code: LWSV			
Model	Flange Rating	kW	415 V 3 Phase 50Hz
SV33-01/1F22T	16 bar	2.20	\$4,706
SV33-01/F30T	16 bar	3.00	\$5,193
SV33-02/2F40T	16 bar	4.00	\$6,247
SV33-02/1F40T	16 bar	4.00	\$6,247
SV33-02/F55T	16 bar	5.50	\$7,453
SV33-03/2F55T	16 bar	5.50	\$8,100
SV33-03/1F75T	16 bar	7.50	\$8,488
SV33-03/F75T	16 bar	7.50	\$8,488
SV33-04/2F75T	16 bar	7.50	\$9,678
SV33-04/1F110T	16 bar	11.00	\$11,324
SV33-04/F110T	16 bar	11.00	\$11,324
SV33-05/2F110T	16 bar	11.00	\$11,862
SV33-05/1F110T	16 bar	11.00	\$11,862
SV33-05/F150T	16 bar	15.00	\$13,336
SV33-06/2F150T	16 bar	15.00	\$13,960
SV33-06/1F150T	25 bar	15.00	\$13,960
SV33-06/F150T	25 bar	15.00	\$13,960
SV33-07/2F150T	25 bar	15.00	\$14,263
SV33-07/1F185T	25 bar	18.50	\$17,151
SV33-07/F185T	25 bar	18.50	\$17,151
SV33-08/2F185T	25 bar	18.50	\$17,445
SV33-08/1F185T	25 bar	18.50	\$17,445
SV33-08/F220T	25 bar	22.00	\$18,954
SV33-09/2F220T	25 bar	22.00	\$19,236
SV33-09/1F220T	25 bar	22.00	\$19,236
SV33-09/F220T	25 bar	22.00	\$19,236
SV33-10/2F220T	25 bar	22.00	\$19,928
SV33-10/1F300T	25 bar	30.00	\$23,509
SV33-10/F300T	25 bar	30.00	\$23,509

Product Code: LWSV			
Model	Flange Rating	kW	415 V 3 Phase 50Hz
SV33-11/2F300T	40 bar	30.00	\$23,662
SV33-11/1F300T	40 bar	30.00	\$23,662
SV33-11/F300T	40 bar	30.00	\$23,662
SV33-12/2F300T	40 bar	30.00	\$25,096
SV33-12/1F300T	40 bar	30.00	\$25,096
SV33-12/F300T	40 bar	30.00	\$25,096
SV33-13/2F300T	40 bar	30.00	\$26,125
SV33-13/1F300T	40 bar	30.00	\$26,125



e-SV 46 Series

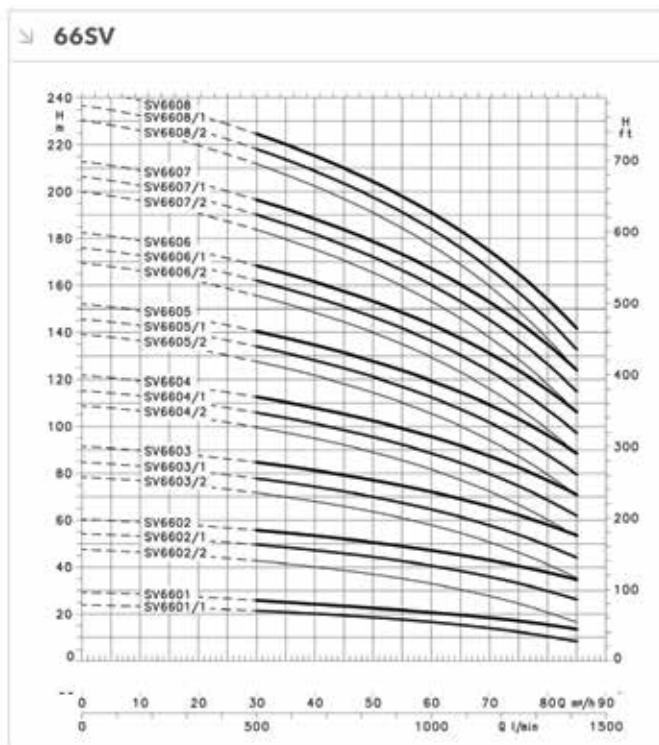
Product Code: LWSV			
Model	Flange Rating	kW	415 V 3 Phase 50Hz
SV46-01/1F30T	16 bar	3.00	\$4,981
SV46-01F40T	16 bar	4.00	\$5,546
SV46-02/2F55T	16 bar	5.50	\$6,922
SV46-02F75T	16 bar	7.50	\$8,490
SV46-03/2F110T	16 bar	11.00	\$10,672
SV46-03F110T	16 bar	11.00	\$10,672
SV46-04/2F150T	16 bar	15.00	\$13,250
SV46-04F150T	16 bar	15.00	\$13,250
SV46-05/2F185T	16 bar	18.50	\$16,363
SV46-05F185T	16 bar	18.50	\$16,363
SV46-06/2F220T	25 bar	22.00	\$18,230
SV46-06F220T	25 bar	22.00	\$18,230
SV46-07/2F300T	25 bar	30.00	\$20,610
SV46-07F300T	25 bar	30.00	\$20,610
SV46-08/2F300T	25 bar	30.00	\$21,852
SV46-08F300T	25 bar	30.00	\$21,852
SV46-09/2F300T	25 bar	30.00	\$22,547
SV46-09F370T	25 bar	37.00	\$25,549
SV46-10/2F370T	40 bar	37.00	\$26,241
SV46-10F370T	40 bar	37.00	\$26,241
SV46-11/2F450T	40 bar	45.00	\$33,251
SV46-11F450T	40 bar	45.00	\$33,251
SV46-12/2F450T	40 bar	45.00	\$33,988
SV46-12F450T	40 bar	45.00	\$33,988
SV46-13/2F450T	40 bar	45.00	\$34,729



7.

e-SV 66 Series

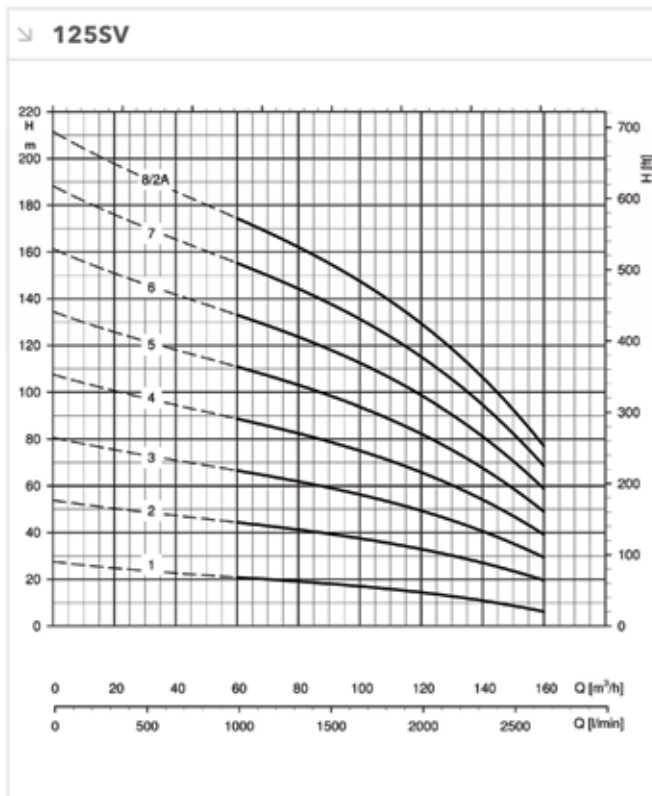
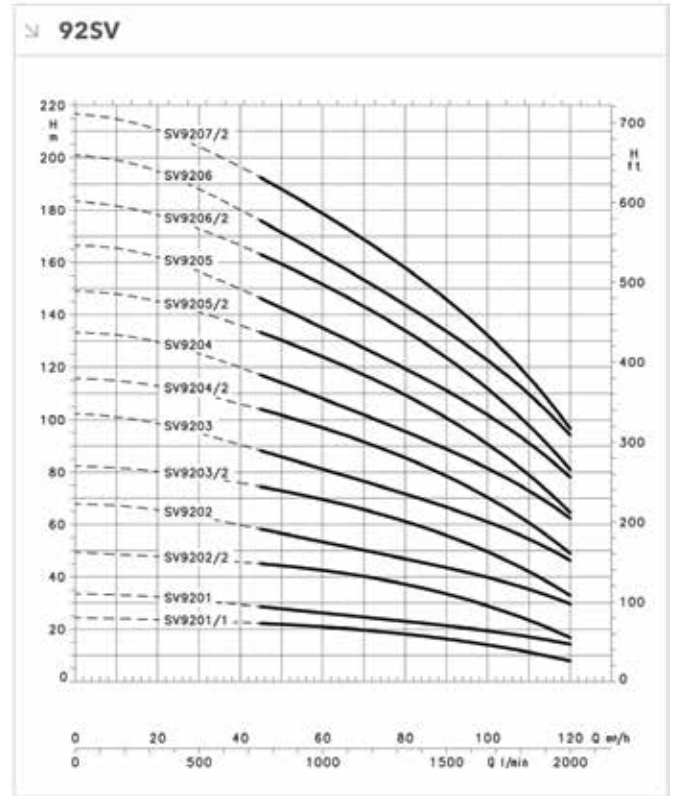
Product Code: LWSV			
Model	Flange Rating	kW	415 V 3 Phase 50Hz
SV66-01/1F40T	16 bar	4.00	\$6,439
SV66-01F55T	16 bar	5.50	\$6,832
SV66-02/2F75T	16 bar	7.50	\$7,825
SV66-02/1F110T	16 bar	11.00	\$9,922
SV66-02F110T	16 bar	11.00	\$9,922
SV66-03/2F150T	16 bar	15.00	\$12,427
SV66-03/1F150T	16 bar	15.00	\$12,427
SV66-03F185T	16 bar	18.50	\$14,120
SV66-04/2F185T	16 bar	18.50	\$15,002
SV66-04/1F220T	16 bar	22.00	\$16,476
SV66-04F220T	16 bar	22.00	\$16,476
SV66-05/2F300T	16 bar	30.00	\$18,971
SV66-05/1F300T	16 bar	30.00	\$18,971
SV66-05F300T	16 bar	30.00	\$18,971
SV66-06/2F300T	25 bar	30.00	\$19,692
SV66-06/1F300T	25 bar	30.00	\$19,692
SV66-06F370T	25 bar	37.00	\$22,741
SV66-07/2F370T	25 bar	37.00	\$23,916
SV66-07/1F370T	25 bar	37.00	\$23,916
SV66-07F450T	25 bar	45.00	\$31,775
SV66-08/2F450T	25 bar	45.00	\$32,500
SV66-08/1F450T	25 bar	45.00	\$32,500
SV66-08F450T	25 bar	45.00	\$32,500



SV Series (Cont.)

e-SV 92 Series

Product Code: LWSV			
Model	Flange Rating	kW	415 V 3 Phase 50Hz
SV92-01/1F55T	16 bar	5.50	\$7,353
SV92-01F75T	16 bar	7.50	\$8,309
SV92-02/2F110T	16 bar	11.00	\$10,658
SV92-02F150T	16 bar	15.00	\$13,387
SV92-03/2F185T	16 bar	18.50	\$15,799
SV92-03F220T	16 bar	22.00	\$17,541
SV92-04/2F300T	16 bar	30.00	\$19,814
SV92-04F300T	16 bar	30.00	\$19,814
SV92-05/2F370T	25 bar	37.00	\$23,367
SV92-05F370T	25 bar	37.00	\$23,367
SV92-06/2F450T	25 bar	45.00	\$29,395
SV92-06F450T	25 bar	45.00	\$29,395
SV92-07/2F450T	25 bar	45.00	\$31,060



*SV Series SV125 pumps are also available - Pricing upon request.*

e-SV Counterflange Kits

SV Series–PN16 Pressed Steel Zinc-Plated Threaded Flanges			
NOTE: Kits comprise 2 flanges, 2 flange gaskets and bolts			
Suit SV33	65mm 4 holes	LWSV109.392.710	\$236
Suit SV46	80mm 8 holes	LWSV109.392.720	\$292
Suit SV66/92	100mm 8 holes	LWSV109.392.730	\$323

## e-SV Series–Bare Shaft Pumps

- Bare pumps only – stainless steel vertical multi-stage pumps -25 bar rated
- All wetted components manufactured in stainless steel
- All 316L Stainless steel construction available POA
- In line configuration with round flanges
- Please note mating flanges not included in price
- Refer to page 103 for flange pricing
- 2 year warranty



### 1 e-SV Series

Product Code: LWSV		
Model	kW	Bare Pump only
1SV02B	0.37	\$1,696
1SV03B	0.37	\$1,730
1SV04B	0.37	\$1,783
1SV05B	0.37	\$1,839
1SV06B	0.37	\$1,887
1SV07B	0.37	\$1,939
1SV08B	0.55	\$1,953
1SV09B	0.55	\$2,022
1SV10B	0.55	\$2,103
1SV11B	0.55	\$2,237
1SV12B	0.75	\$2,297
1SV13B	0.75	\$2,362
1SV15B	0.75	\$2,526
1SV17B	1.10	\$2,691
1SV19B	1.10	\$2,863
1SV22B	1.10	\$3,022
1SV25B	1.50	\$3,265
1SV27B	1.50	\$3,572
1SV30B	1.50	\$3,823
1SV32B	2.20	\$3,988
1SV34B	2.20	\$4,410
1SV37B	2.20	\$4,646

### 3 e-SV Series

Product Code: LWSV		
Model	kW	Bare Pump only
3SV02B	0.37	\$1,624
3SV03B	0.37	\$1,679
3SV04B	0.37	\$1,720
3SV05B	0.55	\$1,776
3SV06B	0.55	\$1,796
3SV07B	0.75	\$1,945
3SV08B	0.75	\$1,976
3SV09B	1.10	\$2,067
3SV10B	1.10	\$2,144
3SV11B	1.10	\$2,271
3SV12B	1.10	\$2,355
3SV13B	1.50	\$2,457
3SV14B	1.50	\$2,646
3SV16B	1.50	\$2,911
3SV19B	2.20	\$3,121
3SV21B	2.20	\$3,284
3SV23B	2.20	\$3,425
3SV25B	2.20	\$3,605
3SV27B	3.00	\$3,811
3SV29B	3.00	\$3,978
3SV31B	3.00	\$4,062
3SV33B	3.00	\$4,285

## Lowara e-SV Special Versions

Lowara have developed a wide range of special versions of its vertical multistage e-SV to give an appropriate and dedicated solution to special applications and installations in industrial or building services markets.

Available in all 304SS or 316SS materials of construction. Contact your local Brown Brothers Engineers branch to discuss your requirements.

## e-SV Series–Bare Shaft Pumps (Cont.)

## 5 e-SV Series

Product Code: LWSV		
Model	kW	Bare Pump only
5SV02B	0.37	\$1,812
5SV03B	0.55	\$1,827
5SV04B	0.55	\$1,962
5SV05B	0.75	\$2,106
5SV06B	1.10	\$2,171
5SV07B	1.10	\$2,250
5SV08B	1.10	\$2,263
5SV09B	1.50	\$2,506
5SV10B	1.50	\$2,567
5SV11B	1.50	\$2,680
5SV12B	2.20	\$2,721
5SV13B	2.20	\$2,832
5SV14B	2.20	\$2,900
5SV15B	2.20	\$2,932
5SV16B	2.20	\$2,960
5SV18B	3.00	\$3,218
5SV21B	3.00	\$3,306
5SV23B	4.00	\$3,470
5SV25B	4.00	\$3,656
5SV28B	4.00	\$3,858
5SV30B	5.50	\$4,449
5SV33B	5.50	\$4,733

## 10 e-SV Series

Product Code: LWSV		
Model	kW	Bare Pump only
10SV01B	0.75	\$2,239
10SV02B	0.75	\$2,315
10SV03B	1.10	\$2,493
10SV04B	1.50	\$2,680
10SV05B	2.20	\$2,740
10SV06B	2.20	\$2,907
10SV07B	3.00	\$3,173
10SV08B	3.00	\$3,286
10SV09B	4.00	\$3,461
10SV10B	4.00	\$3,797
10SV11B	4.00	\$4,141
10SV13B	5.50	\$4,691
10SV15B	5.50	\$4,833
10SV17B	7.50	\$5,289
10SV18B	7.50	\$5,545
10SV20B	7.50	\$5,895
10SV21B	11.00	\$6,186

## 15 e-SV Series

Product Code: LWSV		
Model	kW	Bare Pump only
15SV01B	1.10	\$2,907
15SV02B	2.20	\$2,997
15SV03B	3.00	\$3,306
15SV04B	4.00	\$3,723
15SV05B	4.00	\$3,852
15SV06B	5.50	\$4,501
15SV07B	5.50	\$4,676
15SV08B	7.50	\$5,271
15SV09B	7.50	\$5,612
15SV10B	11.00	\$6,542
15SV11B	11.00	\$6,632
15SV13B	11.00	\$6,666
15SV15B	15.00	\$7,160
15SV17B	15.00	\$8,838

## 22 e-SV Series

Product Code: LWSV		
Model	kW	Bare Pump only
22SV01B	1.10	\$2,904
22SV02B	2.20	\$3,146
22SV03B	3.00	\$4,280
22SV04B	4.00	\$5,191
22SV05B	5.50	\$5,317
22SV06B	7.50	\$5,979
22SV07B	7.50	\$6,173
22SV08B	11.00	\$7,452
22SV09B	11.00	\$7,622
22SV10B	11.00	\$7,932
22SV12B	15.00	\$9,090
22SV14B	15.00	\$9,589
22SV17B	18.50	\$11,270

Larger SV Series pumps including 33, 46, 66, 92 and 125 are available on request.

## e-SV Rotating Elements

- Stainless steel vertical multi-stage pumps rotating elements
- All wetted components manufactured in stainless steel
  - Mechanical seal and 'O' ring kit included in price up to 4kW
    - For e-SV1-3-5 P/No: LWSPKL01AAD
    - For e-SV10-15-22 up to 4 kW P/No: LWSPKL01AAE
  - Mechanical seal included in kits above 5.5kW
    - For e-SV10-15-22 above 5.5 kW P/No: LWSPKL01AD7



### 1 e-SV Series

Product Code: LWRE		
Model	Part No.	
1SV02F003	LWRE1SV02	\$672
1SV03F003	LWRE1SV03	\$682
1SV04F003	LWRE1SV04	\$753
1SV05F003	LWRE1SV05	\$769
1SV06F003	LWRE1SV06	\$833
1SV07F003	LWRE1SV07	\$893
1SV08F005	LWRE1SV08	\$953
1SV09F005	LWRE1SV09	\$1,028
1SV10F005	LWRE1SV10	\$1,087
1SV11F005	LWRE1SV11	\$1,290
1SV12F007	LWRE1SV12	\$1,353
1SV13F007	LWRE1SV13	\$1,413
1SV15F007	LWRE1SV15	\$1,538
1SV17F011	LWRE1SV17	\$1,662
1SV19F011	LWRE1SV19	\$1,786
1SV22F011	LWRE1SV22	\$2,116
1SV25F015	LWRE1SV25	\$2,299
1SV27F015	LWRE1SV27	\$2,418
1SV30F015	LWRE1SV30	\$2,787
1SV32F022	LWRE1SV32	\$2,910
1SV34F022	LWRE1SV34	\$3,029
1SV37F022	LWRE1SV37	\$3,354

### 3 e-SV Series

Product Code: LWRE		
Model	Part No.	
3SV02F003	LWRE3SV02	\$672
3SV03F003	LWRE3SV03	\$682
3SV04F003	LWRE3SV04	\$746
3SV05F005	LWRE3SV05	\$805
3SV06F005	LWRE3SV06	\$876
3SV07F007	LWRE3SV07	\$933
3SV08F007	LWRE3SV08	\$949
3SV09F011	LWRE3SV09	\$1,014
3SV10F011	LWRE3SV10	\$1,076
3SV11F011	LWRE3SV11	\$1,284
3SV12F011	LWRE3SV12	\$1,340
3SV13F015	LWRE3SV13	\$1,400
3SV14F015	LWRE3SV14	\$1,461
3SV16F015	LWRE3SV16	\$1,583
3SV19F022	LWRE3SV19	\$1,772
3SV21F022	LWRE3SV21	\$2,054
3SV23F022	LWRE3SV23	\$2,176
3SV25F022	LWRE3SV25	\$2,299
3SV27F030	LWRE3SV27	\$2,418
3SV29F030	LWRE3SV29	\$2,701
3SV31F030	LWRE3SV31	\$2,823
3SV33F030	LWRE3SV33	\$2,944

7.

## e-SV Rotating Elements (Cont.)

## 5 e-SV Series

Product Code: LWRE		
Model	Part No.	
5SV02F003	LWRE5SV02	\$660
5SV03F005	LWRE5SV03	\$734
5SV04F005	LWRE5SV04	\$809
5SV05F007	LWRE5SV05	\$877
5SV06F011	LWRE5SV06	\$861
5SV07F011	LWRE5SV07	\$932
5SV08F011	LWRE5SV08	\$995
5SV09F015	LWRE5SV09	\$1,213
5SV10F015	LWRE5SV10	\$1,290
5SV11F015	LWRE5SV11	\$1,353
5SV12F022	LWRE5SV12	\$1,417
5SV13F022	LWRE5SV13	\$1,480
5SV14F022	LWRE5SV14	\$1,553
5SV15F022	LWRE5SV15	\$1,622
5SV16F022	LWRE5SV16	\$1,686
5SV18F030	LWRE5SV18	\$1,982
5SV21F030	LWRE5SV21	\$2,180
5SV23F040	LWRE5SV23	\$2,457
5SV25F040	LWRE5SV25	\$2,590
5SV28F040	LWRE5SV28	\$2,791
5SV30F055	LWRE5SV30	\$3,066
5SV33F055	LWRE5SV33	\$3,270

## 10 e-SV Series

Product Code: LWRE		
Model	Part No.	
10SV01F007	LWRE10SV01	\$862
10SV02F007	LWRE10SV02	\$891
10SV03F011	LWRE10SV03	\$1,007
10SV04F015	LWRE10SV04	\$1,029
10SV05F022	LWRE10SV05	\$1,132
10SV06F022	LWRE10SV06	\$1,246
10SV07F030	LWRE10SV07	\$1,349
10SV08F030	LWRE10SV08	\$1,459
10SV09F040	LWRE10SV09	\$1,564
10SV10F040	LWRE10SV10	\$1,890
10SV11F040	LWRE10SV11	\$1,994
10SV13F055	LWRE10SV13	\$2,320
10SV15F055	LWRE10SV15	\$2,536
10SV17F075	LWRE10SV17	\$2,948
10SV18F075	LWRE10SV18	\$3,079
10SV20F075	LWRE10SV20	\$3,290
10SV21F110	LWRE10SV21	\$3,402

## 15 e-SV Series

Product Code: LWRE		
Model	Part No.	
15SV01F011	LWRE15SV01	\$962
15SV02F022	LWRE15SV02	\$1,077
15SV03F030	LWRE15SV03	\$1,178
15SV04F040	LWRE15SV04	\$1,389
15SV05F040	LWRE15SV05	\$1,587
15SV06F055	LWRE15SV06	\$1,900
15SV07F055	LWRE15SV07	\$2,310
15SV08F075	LWRE15SV08	\$2,508
15SV09F075	LWRE15SV09	\$2,705
15SV10F110	LWRE15SV10	\$2,899
15SV11F110	LWRE15SV11	\$3,096
15SV13F110	LWRE15SV13	\$3,709
15SV15F150	LWRE15SV15	\$4,111
15SV17F150	LWRE15SV17	\$4,515

## 22 e-SV Series

Product Code: LWRE		
Model	Part No.	
22SV01F011	LWRE22SV01	\$987
22SV02F022	LWRE22SV02	\$1,101
22SV03F030	LWRE22SV03	\$1,322
22SV04F040	LWRE22SV04	\$1,538
22SV05F055	LWRE22SV05	\$1,715
22SV06F075	LWRE22SV06	\$1,922
22SV07F075	LWRE22SV07	\$2,310
22SV08F110	LWRE22SV08	\$2,536
22SV09F110	LWRE22SV09	\$2,735
22SV10F110	LWRE22SV10	\$2,939
22SV12F150	LWRE22SV12	\$3,525
22SV14F150	LWRE22SV14	\$3,958
22SV17F185	LWRE22SV17	\$4,570

*e-SV Series SV33 to SV92 rotating elements also available upon request.*

## 8. Variable Speed Drives & Control Panels

- Hydrovar® X
- HYDROVAR®
- Danfoss Drives
- INCA panels
- Accessories



## HYDROVAR®

### Variable Speed Drives

- IP55 Rated
- Price includes 10 bar pressure transducer (standard) and motor cable
- 16, 25 and 40 bar transducers available on request
- 2 year warranty on Hydrovar and accessories



## HYDROVAR®



#### Generation 5

Product Code: HVAR		
Model	kW	240 V 1 Phase 50Hz
HVL2.015	1.50	\$4,423
HVL2.022	2.20	\$4,786
HVL2.030	3.00	\$5,178
HVL2.040	4.00	\$6,122

Product Code: HVAR		
Model	kW	415 V 3 Phase 50Hz
HVL4.015	1.50	\$4,423
HVL4.022	2.20	\$4,786
HVL4.030	3.00	\$5,093
HVL4.040	4.00	\$6,122
HVL4.055	5.50	\$6,631
HVL4.075	7.50	\$7,351
HVL4.110	11.00	\$7,781
HVL4.150	15.00	\$9,717
HVL4.185	18.50	\$10,249
HVL4.220	22.00	\$11,318

## Danfoss Drives

### Variable Speed Drives

- Danfoss FC202 Aqua Drives 380-480 VAC
- IP55 Rated up to 90.0kW
- IP54 Rated 110.0kW and above
- Wall mounting brackets built in, no additional wall mount kits needed
- Pressure transducers are sold separately
- 2 year warranty on Danfoss drives and accessories



Product Code: DANF			
Model	Nominal kW	Amps 110%	415 V 3 Phase 50Hz
DANF-131U2462	0.37	1.3	\$2,113
DANF-131U3056	0.55	1.8	\$2,159
DANF-131U3057	0.75	2.4	\$2,268
DANF-131U3058	1.10	3	\$2,326
DANF-131U3059	1.50	4.1	\$2,438
DANF-131U3060	2.20	5.6	\$2,621
DANF-131U3061	3.00	7.2	\$2,738
DANF-131U3062	4.00	10	\$2,851
DANF-131F1411	5.50	13	\$4,149
DANF-131F1414	7.50	16	\$4,535
DANF-131F1415	11.00	24	\$6,439
DANF-131F1420	15.00	32	\$6,594
DANF-131F1582	18.50	37.5	\$6,977
DANF-131F1583	22.00	44	\$9,521
DANF-131F1584	30.00	61	\$10,426
DANF-131F1585	37.00	73	\$12,391
DANF-131F1586	45.00	90	\$14,500
DANF-131F1587	55.00	106	\$17,127
DANF-131F1588	75.00	147	\$22,378
DANF-131F1646	90.00	177	\$27,408

*\*Note pressure transducers are sold separately*

Product Code: DANF			
Model	Nominal kW	Amps 110%	415 V 3 Phase 50Hz
DANF-134F9720	110.00	212	\$27,057
DANF-134F9721	132.00	260	\$31,140
DANF-134F9722	160.00	315	\$38,554
DANF-134F9723	200.00	395	\$46,330
DANF-134F9724	250.00	480	\$57,494
DANF-134F9725	315.00	588	\$70,344

*\*Note pressure transducers are sold separately*

## hydrovar® X

When connectivity meets simplicity and sustainability

Check out the Hydrovar X on page 51 and talk to one of our team about custom booster sets with the new generation of Hydrovar.



## Accessories

### Transducers & Leads

Pressure transducers including 1.5 metre cable, 4-20mA



Product Code: HVAR		
Part No	Description	
KIT TRANSDUCER 0-10	0-10 bar Type Pressure Transducer	\$407
KIT TRANSDUCER 0-16	0-16 bar Type Pressure Transducer	\$407
KIT TRANSDUCER 0-25	0-25 bar Type Pressure Transducer	\$407
KIT TRANSDUCER 0-40	0-40 bar Type Pressure Transducer	\$576
VK709591900	5 Metre Transducer Lead & Plug	\$127
VK709591620	10 Metre Transducer Lead & Plug	\$204
VK709591690	20 Metre Transducer Lead & Plug	\$338

### Hydrovar Accessories

Product Code: HVAR		
Part No	Description	
VK26-109730080	Premium Card GEN5	\$611
Hydrovar wall mounting kits and line filters are available on request		

### Danfoss LCP Accessories

For remote mounting of FC202 keypad and display

Product Code: DANF		
Part No	Description	
DANFLCP MOUNTKIT LCP102 3M	LCP Mounting Kit w/ graphical LCP102, 3m	\$754
DANFLCP MOUNTKIT NOLCP	LCP Mounting Kit, w/ no LCP	\$308
DANFLCP MOUNTKIT COVER 8M	LCP Mounting Kit Blind Cover IP55/66, 8m	\$469
DANFLCP MOUNTKIT 3M	LCP Mounting Kit, 3m	\$160

### Danfoss Communication Options

Product Code: DANF		
Part No	Description	
DANFVLT PROFIBUS	VLT® Profibus DP V1 MCA 101, coated	\$837
DANFVLT PROFINET	VLT® PROFINET MCA 120, coated FC-202 / IPC102 / ITT102	\$1,575
DANFVLT DEVICENET	VLT® DeviceNet MCA 104, coated FC-202 / IPC102 / ITT102	\$654
DANFVLT ETHERNET	VLT® EtherNet IP MCA 121, coated FC-202 / IPC102 / ITT102	\$1,610
DANFVLT MODBUS	VLT® Modbus TCP MCA 122, coated	\$1,581

### Danfoss I/O Options

Product Code: DANF		
Part No	Description	
DANFVLT GPI/O MCB	VLT® General Purpose I/O MCB 101, coated	\$565
DANFVLT RORelay Option	VLT® Relay Option MCB 105, coated	\$605
DANFVLT AIO Option MCB	VLT® Analog I/O Option MCB 109, coated	\$686
DANFVLT PTCOPTC Thermistor Card	VLT® PTC Thermistor Card MCB 112, coated	\$713
DANFVLT SOSensor Input Card	VLT® Sensor Input Card MCB 114, coated	\$686
DANFVLT ABOpt. Adapter MCF	VLT® A/B in C Opt. Adapter MCF106, coated	\$686

*Other Danfoss accessories are available, upon request.*

## INCA Control Panels

### SP1 & 2 Sump Pump Panel

- Manual/Off/Auto Selector switch for each pump
- Indicating lights for Power on/each Pump runs/each Pump Fail/High level
- Circuit breaker for each pump
- Electronic overload protection adjustable from 3.2-16 Amps
- Red flashing alarm light on panel roof
- Audible alarm and mute button for high level
- Automatic alternation after each pump operation
- Single pump operation via 2 or 3 Float switches
- Dual pump operation 2, 3 or 4 Float switches
- Common fault voltage free contact (dual panels only)
- Wall mounted metal powder coated enclosure
- IP54 rated single door or IP56 rated with inner door option
- Door clutch interlocked isolating switch
- 1 year warranty



Product Code: ICPA		
Model		
SP1-1/2.2E-SO3	Single 240V 1 Phase Sump Pump Control Panel (max. 2.2 kW)	\$2,122
SP1-3/7.5E-SO3	Single 415V 3 Phase Sump Pump Control Panel (max. 7.5 kW)	\$2,162
SP2-1/2.2E	Dual 240V 1 Phase Sump Pump Control Panel (max. 2.2 kW)	\$3,738
SP2-3/7.5E	Dual 415V 3 Phase Sump Pump Control Panel (max. 7.5 kW)	\$3,890

### MPJ2 & 3 Multi-Purpose Sump or Pressure Pump Control Panels

- MPJ controller with LED display
- Selectable for sump or pressure pump control - operation via float or pressure switches.
- Indication of each Pump Runs/each Pump Fail/High level/Low pressure/switch position selected
- Manual/Off/Auto Buttons for each pump
- Circuit breaker for each pump
- Electronic overload protection adjustable from 3.2-16 Amps
- Red flashing light on panel roof
- Audible alarm and mute button for high level
- Automatic alternation after each pump operation
- Sump pump mode operation via 2 or 3 Float switches
- Pressure pump system mode operation 2 pressure switches + low pressure switch
- Common fault voltage free contact
- Wall mounted metal powder coated enclosure
- IP54 rated single door or IP56 rated with inner door option
- Door clutch interlocked isolating switch
- 1 year warranty



Product Code: ICPA		
Model		
MPJ2-1/2.2E	Dual 240V 1 Phase Sump/Pressure Pump Control Panel (max. 2.2 kW)	\$3,368
MPJ2-3/7.5E	Dual 415V 3 Phase Sump/Pressure Pump Control Panel (max. 7.5 kW)	\$3,835
MPJ3-1/2.2E	Triplex 240V 1 Phase Sump/Pressure Pump Control Panel (max. 2.2 kW)	\$4,742
MPJ3-3/7.5E	Triplex 415V 3 Phase Sump/ Pressure Pump Control Panel (max. 7.5 kW)	\$4,905

### Inca Panel Accessories

Product Code: ICPA		
Model		
SP1-ID	SP1 Enclosure c/w Inner Door IP 56 adder	\$217
SP2-ID	SP2 Enclosure c/w Inner Door IP 56 adder	\$233
MPJ2-ID	MPJ2 Enclosure c/w Inner Door IP 56 adder	\$262
MPJ3-ID	MPJ3 Enclosure c/w Inner Door IP 56 adder	\$310
VFC1	Single Voltage free contacts for Pump run/Pump fail/High level	\$395
VFC2	Dual Voltage free contacts for each Pump run/each Pump fail/High level	\$570
VFC3	Triple Voltage free contacts for each Pump run/each Pump fail/High level	\$792
SSENCL1	Single Panel adder for Stainless Steel enclosure c/w Inner Door	\$1,604
SSENCL2	Dual Panel adder for Stainless Steel enclosure c/w Inner Door	\$1,886
SSENCL3	Triplex Panel adder for Stainless Steel enclosure c/w Inner Door	\$2,208
MBK	Mounting bracket kit feet for metal enclosures (set of 4)	\$139

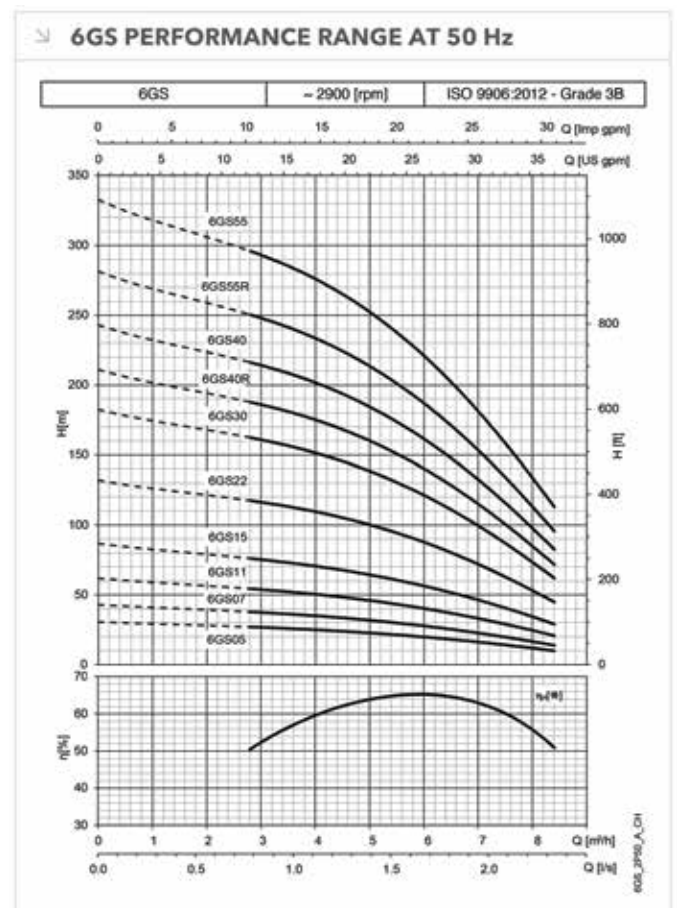
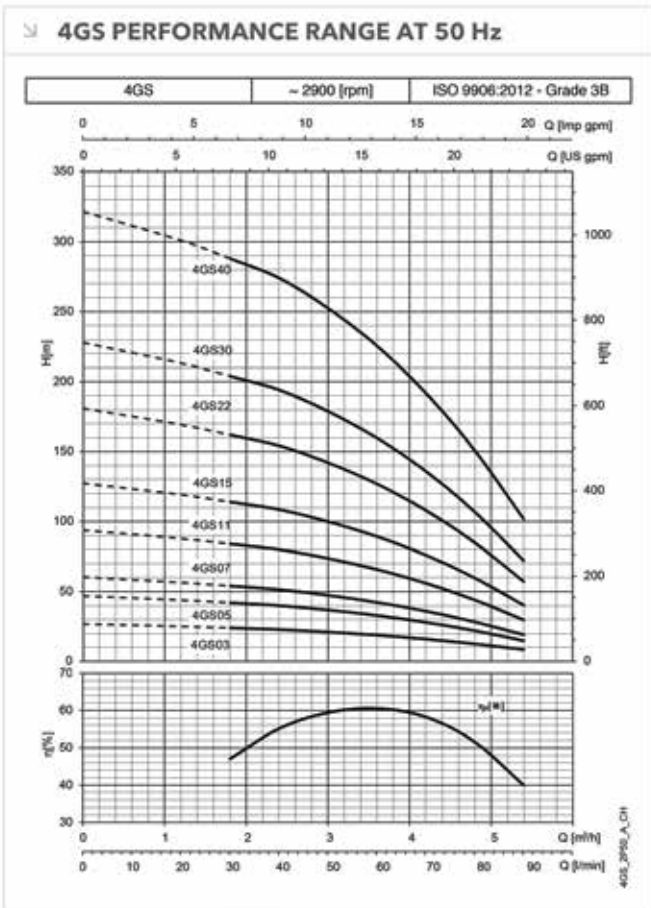
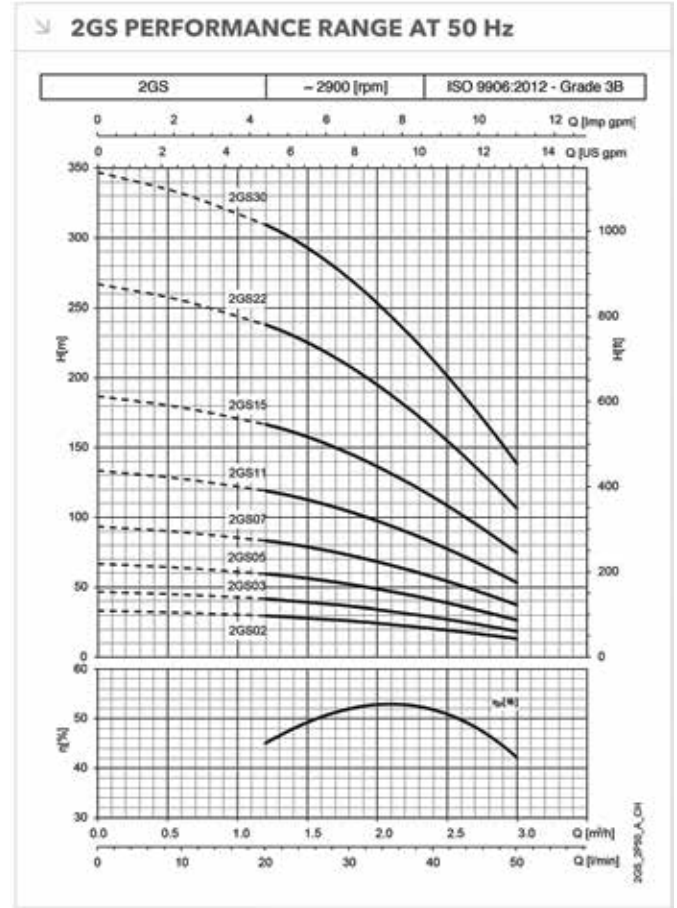
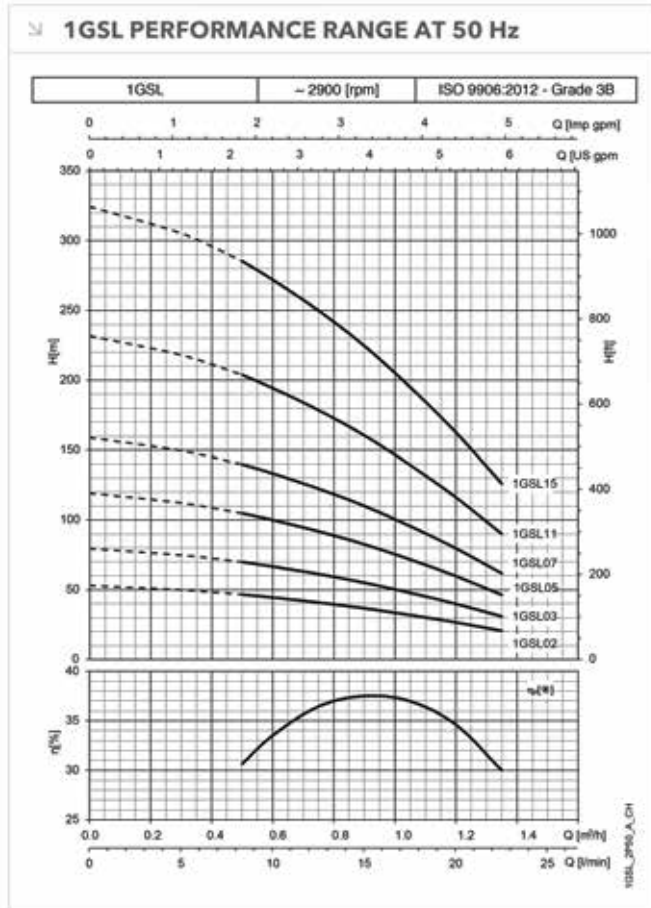
Other panel options and control equipment are available, upon request.

## 9. Borehole / Lineshaft Pumps, Motors and Controls

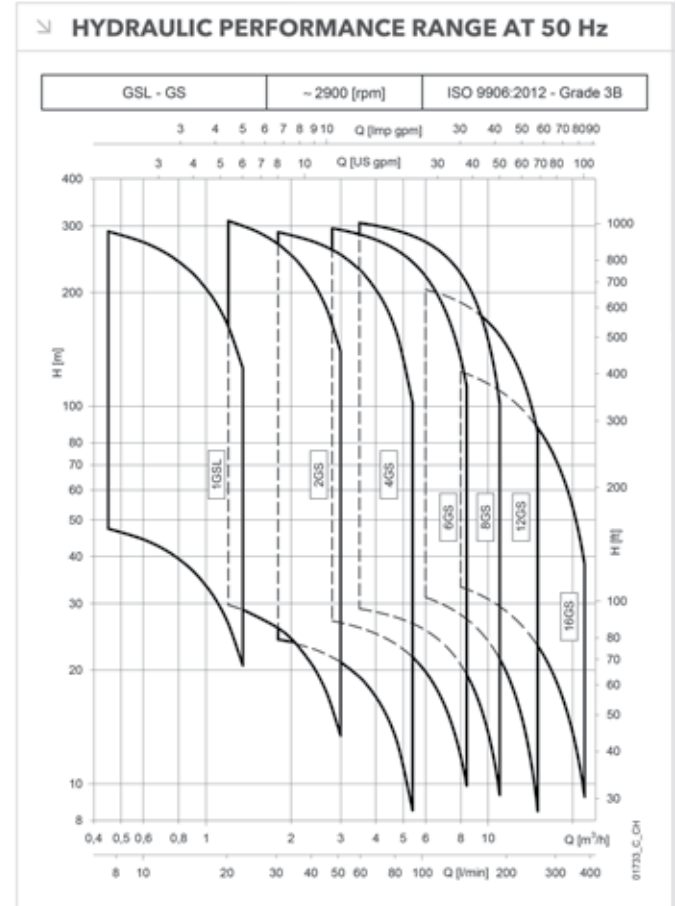
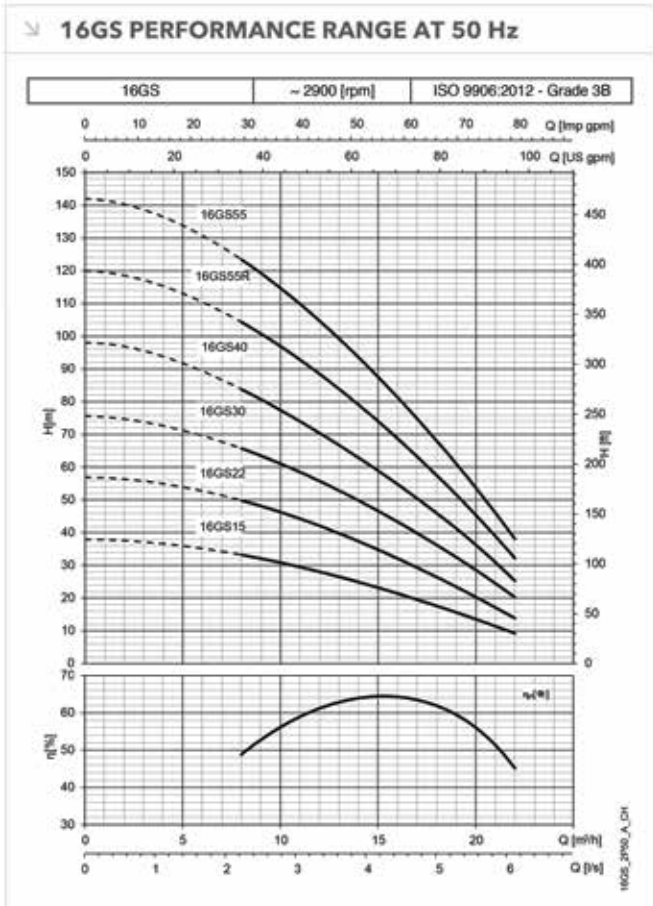
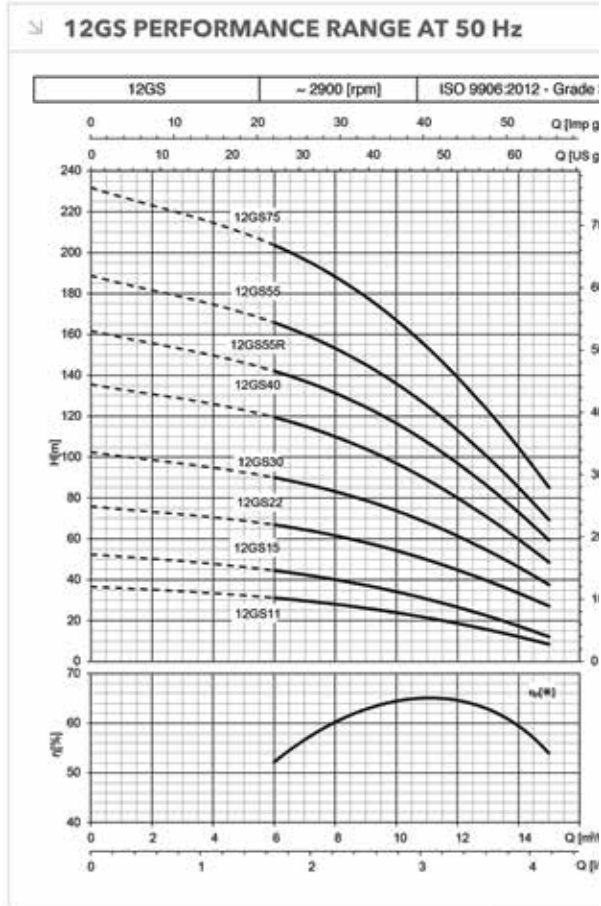
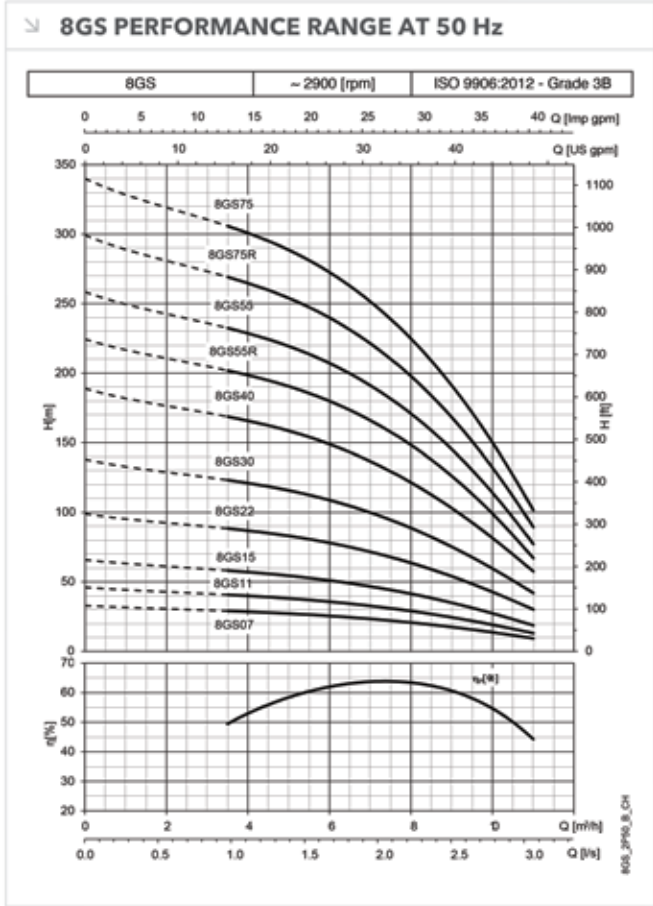
- Lowara e-GS and Z Series
- Motors – Lowara 4OS, L6WC, Saer
- Control Boxes
- Accessories: Bore Pump Equipment
- Layne Bowler Submersibles



e-GS Series Curves



e-GS Series Curves continued



9.

## e-GS Series

### 4" Submersible Pumps

- For 100mm nominal bore and larger diameter wells
- Lowara motors 95mm OD, pump end 98mm OD complete with cable guard
- 2W denotes 2-wire
- 2-wire motors include 1.5m flat jacketed leads
- Price includes Splice Kit to suit 1.5mm<sup>2</sup> to 6mm<sup>2</sup> drop cable
- Detachable motor lead
- 2 year warranty on e-GS submersibles and motors



### 4" Motor-2 Wire

Product Code: LWGS		
Model	kW	240V 1 Phase 50 Hz 2 Wire Only
1EGSL02/2W	0.37	\$1,626
1EGSL03/2W	0.37	\$1,737
1EGSL05/2W	0.55	\$2,134
1EGSL07/2W	0.75	\$2,451
1EGSL11/2W	1.10	\$3,079
2EGS03/2W	0.37	\$1,705
2EGS05/2W	0.55	\$2,013
2EGS07/2W	0.75	\$2,256
2EGS11/2W	1.10	\$2,660
4EGS03/2W	0.37	\$1,705
4EGS05/2W	0.55	\$1,852
4EGS07/2W	0.75	\$2,065
4EGS11/2W	1.10	\$2,411
6EGS05/2W	0.55	\$1,971
6EGS07/2W	0.75	\$2,101
6EGS11/2W	1.10	\$2,475
8EGS07/2W	0.75	\$2,146
8EGS11/2W	1.10	\$2,496



Check out the range of Borehole Accessories on page 83

e-GS Series (Cont.)

4" Motor-3 Wire

- For 100mm nominal bore and larger diameter wells
- Lowara motors 95mm OD, pump end 98mm OD complete with cable guard
- M denotes single-phase, T denotes three-phase (add required phase to end of model number)
- All 3-wire single-phase motors include QPC control box (QPCS available at additional cost)
- Price includes Splice Kit to suit 1.5mm<sup>2</sup> to 6mm<sup>2</sup> drop cable
- 2 year warranty on e-GS submersibles and motors



Product Code: LWGS			
Model	kW	240V 1 Phase (add M to model number)	415V 3 Phase (add T to model number)
1EGSL02	0.37	\$2,038	\$1,596
1EGSL03	0.37	\$2,149	\$1,705
1EGSL05	0.55	\$2,451	\$2,039
1EGSL07	0.75	\$2,788	\$2,367
1EGSL11	1.10	\$3,194	\$2,735
1EGSL15	1.50	\$4,030	\$3,576
2EGS03	0.37	\$2,119	\$1,678
2EGS05	0.55	\$2,330	\$1,918
2EGS07	0.75	\$2,591	\$2,172
2EGS11	1.10	\$2,774	\$2,315
2EGS15	1.50	\$3,167	\$2,713
2EGS22	2.20	\$4,465	\$3,630
2EGS30	3.00	\$6,119	-
2EGS30	3.00	-	\$4,528
4EGS03	0.37	\$2,119	\$1,678
4EGS05	0.55	\$2,172	\$1,763
4EGS07	0.75	\$2,402	\$1,981
4EGS11	1.10	\$2,526	\$2,066
4EGS15	1.50	\$2,938	\$2,483
4EGS22	2.20	\$4,060	\$3,227
4EGS30	3.00	\$5,894	-
4EGS30	3.00	-	\$4,303
4EGS40	4.00	-	\$4,865
6EGS05	0.55	\$2,289	\$1,877
6EGS07	0.75	\$2,436	\$2,017
6EGS11	1.10	\$2,589	\$2,130
6EGS15	1.50	\$2,965	\$2,512
6EGS22	2.20	\$4,085	\$3,252
6EGS30	3.00	\$6,021	-
6EGS30	3.00	-	\$4,428
6EGS40	4.00	-	\$5,019
6EGS55	5.50	-	\$5,832

Product Code: LWGS			
Model	kW	240V 1 Phase (add M to model number)	415V 3 Phase (add T to model number)
8EGS07	0.75	\$2,482	\$2,063
8EGS11	1.10	\$2,612	\$2,154
8EGS15	1.50	\$2,970	\$2,517
8EGS22	2.20	\$3,793	\$2,959
8EGS30	3.00	\$5,651	-
8EGS30	3.00	-	\$4,060
8EGS40	4.00	-	\$4,922
8EGS55	5.50	-	\$5,660
8EGS75	7.50	-	\$7,268
12EGS15	1.50	\$3,320	\$2,868
12EGS22	2.20	\$4,257	\$3,422
12EGS30	3.00	\$5,894	-
12EGS30	3.00	-	\$4,303
12EGS40	4.00	-	\$5,002
12EGS55	5.50	-	\$5,578
12EGS75	7.50	-	\$7,620
16EGS22	2.20	\$4,660	\$3,825
16EGS30	3.00	\$6,374	-
16EGS30	3.00	-	\$4,782
16EGS40	4.00	-	\$5,318
16EGS55	5.50	-	\$6,029

9.

e-GS Series (Cont.)

Bare Pump Only

- For 100mm nominal bore and larger diameter wells
- 2 year warranty on e-GS submersibles



Product Code: LWGS	
Model	Bare Pump Only
1EGSL02B	\$638
1EGSL03B	\$748
1EGSL05B	\$1,049
1EGSL07B	\$1,313
1EGSL11B	\$1,632
1EGSL15B	\$2,302
2EGS03B	\$720
2EGS05B	\$926
2EGS07B	\$1,118
2EGS11B	\$1,210
2EGS15B	\$1,441
2EGS22B	\$1,966
2EGS30B	\$2,145
4EGS03B	\$720
4EGS05B	\$772
4EGS07B	\$926
4EGS11B	\$963
4EGS15B	\$1,210
4EGS22B	\$1,561
4EGS30B	\$1,918
4EGS40B	\$2,085
6EGS05B	\$888
6EGS07B	\$963
6EGS11B	\$1,027
6EGS15B	\$1,238
6EGS22B	\$1,587
6EGS30B	\$2,046
6EGS40B	\$2,242
6EGS55B	\$2,650

Product Code: LWGS	
Model	Bare Pump Only
8EGS07B	\$1,009
8EGS11B	\$1,049
8EGS15B	\$1,244
8EGS22B	\$1,296
8EGS30B	\$1,678
8EGS40B	\$2,145
8EGS55B	\$2,478
8EGS75B	\$2,766
12EGS15B	\$1,595
12EGS22B	\$1,757
12EGS30B	\$1,918
12EGS40B	\$2,224
12EGS55B	\$2,397
12EGS75B	\$3,117
16EGS22B	\$2,160
16EGS30B	\$2,397
16EGS40B	\$2,540
16EGS55B	\$2,847



**Check out our website for all your borehole pump requirements.**

**[www.brownbros.com.au](http://www.brownbros.com.au)**

## Z Series

### 6" Submersible Pumps

- For 150mm nominal bore and larger diameter wells
- Motor sizes up to 5.5kW (4") 95mm diameter; Lowara 5.5kW and larger (6") 145mm diameter
- Price includes individual 4m motor leads, splice kit and bolts
- 4Z denotes 4" motor, 1.5m flat jacketed lead
- 6" motors have a 4.0 metre lead
- Higher head models available, POA
- 2 year warranty on Z series submersibles

Please Note: Bolts and spring washers supplied with complete pump set only.

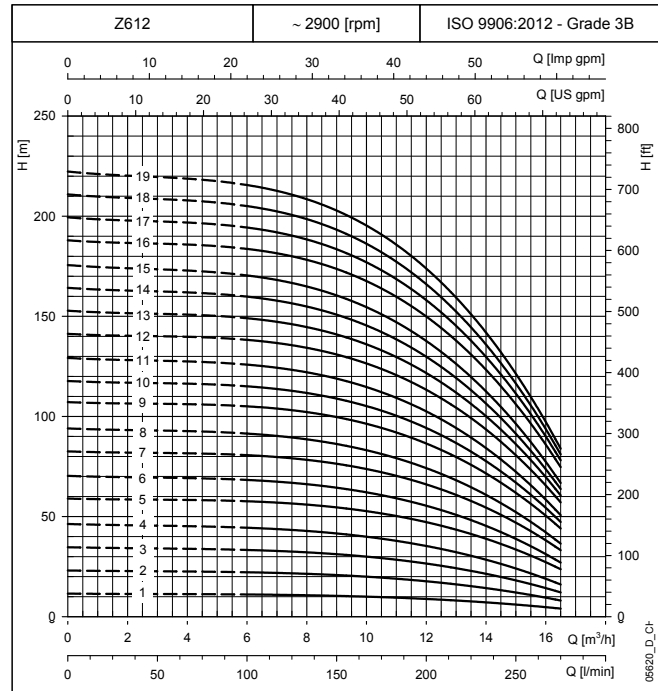


### Z612 Series

Product Code: LWZS		
Model	kW	415 V 3 Phase 50Hz
4Z612/06	3.00	\$5,676
4Z612/08	4.00	\$6,487

Product Code: LWZS		
Model	kW	415 V 3 Phase 50Hz
Z612/11	5.50	\$7,628
Z612/13	7.50	\$8,548
Z612/15	7.50	\$8,962
Z612/19	11.00	\$10,250
Z612/21	11.00	\$10,663
Z612/23	11.00	\$11,462
Z612/29	15.00	\$13,694
Z612/32	15.00	\$14,304

Z612 SERIES, 1 TO 19 STAGES  
ELECTROPUMPS OPERATING CHARACTERISTICS

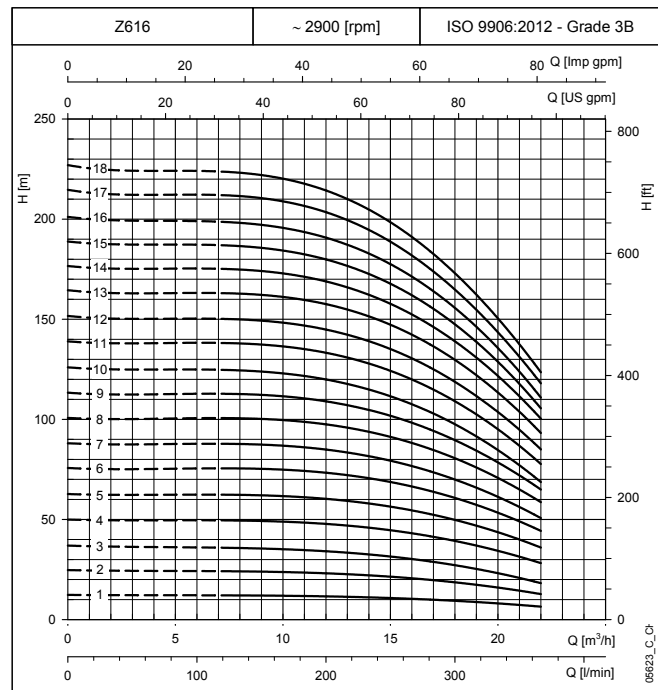


### Z616 Series

Product Code: LWZS		
Model	kW	415 V 3 Phase 50Hz
4Z616/04	3.00	\$5,376
4Z616/05	4.00	\$5,978

Product Code: LWZS		
Model	kW	415 V 3 Phase 50Hz
Z616/07	5.50	\$7,040
Z616/10	7.50	\$8,218
Z616/12	11.00	\$9,247
Z616/14	11.00	\$9,685
Z616/20	15.00	\$12,126
Z616/22	18.50	\$13,457
Z616/25	18.50	\$14,587
Z616/27	22.00	\$15,930
Z616/29	22.00	\$16,359

Z616 SERIES, 1 TO 18 STAGES  
ELECTROPUMPS OPERATING CHARACTERISTICS

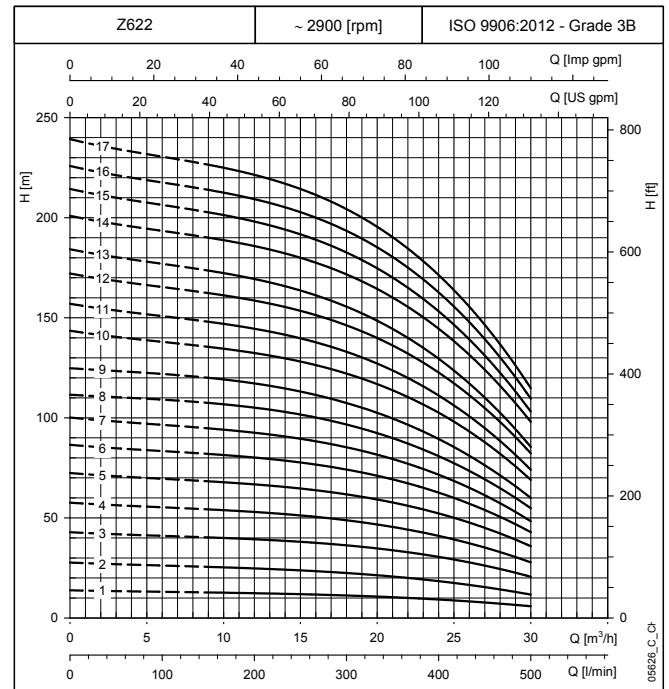


### Z622 Series

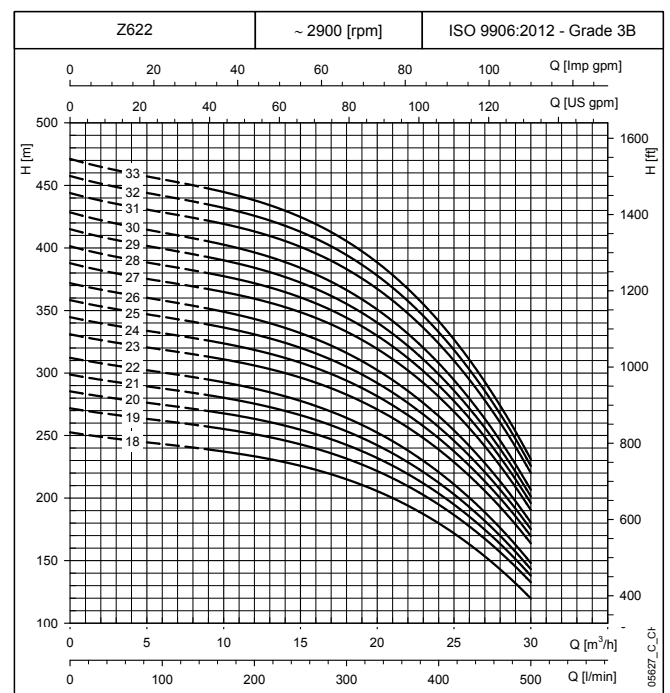
Product Code: LWZS			
Model	kW	415 V 3 Phase 50Hz	
4Z622/03	3.00	\$5,035	
4Z622/04	4.00	\$5,697	
4Z622/05	5.50	\$6,379	

Product Code: LWZS			
Model	kW	415 V 3 Phase 50Hz	
Z622/07	7.50	\$7,723	
Z622/09	11.00	\$8,888	
Z622/11	11.00	\$9,461	
Z622/15	15.00	\$11,978	
Z622/18	18.50	\$13,728	
Z622/20	22.00	\$15,185	
Z622/22	22.00	\$15,778	
Z622/27	30.00	\$19,683	

**Z622 SERIES, 1 TO 17 STAGES  
ELECTROPUMPS OPERATING CHARACTERISTICS**



**Z622 SERIES, 18 TO 33 STAGES  
ELECTROPUMPS OPERATING CHARACTERISTICS**

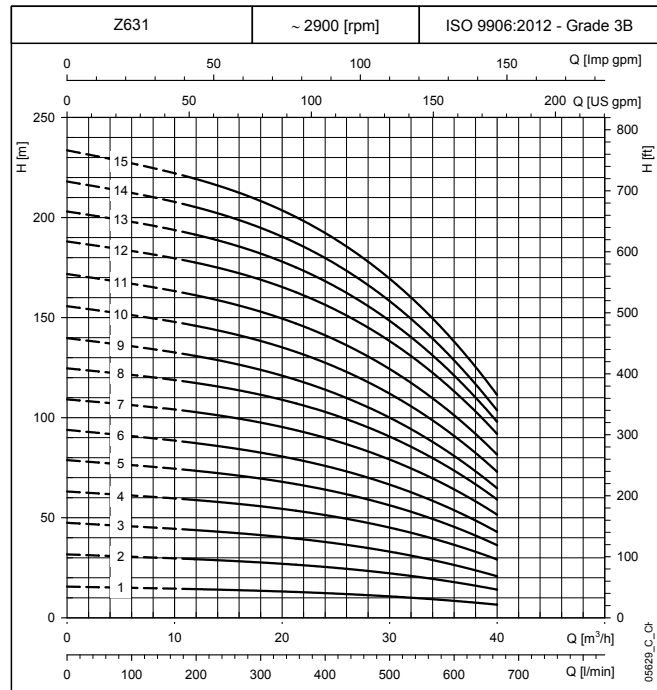


### Z631 Series

Product Code: LWZS		
Model	kW	415 V 3 Phase 50Hz
4Z631/02	3.00	\$5,555
4Z631/03	4.00	\$6,371

Product Code: LWZS		
Model	kW	415 V 3 Phase 50Hz
Z631/04	5.50	\$7,293
Z631/06	7.50	\$8,611
Z631/07	11.00	\$9,601
Z631/09	11.00	\$10,428
Z631/11	15.00	\$12,227
Z631/14	18.50	\$14,774
Z631/17	22.00	\$16,867
Z631/21	30.00	\$21,050

**Z631 SERIES, 1 TO 15 STAGES  
ELECTROPUMPS OPERATING CHARACTERISTICS**



9.

## BORE PUMP CONTROL PANEL

A bore pump control panel to automate and protect your submersible bore pump whilst meeting your systems demand.



- Bore pump controllers can be either fixed speed or variable speed
- From cost effective designs through to more advanced HMI control panels
- Control and monitoring options for system protection
- Different bore pumping applications e.g irrigation/boosting, water transfer
- Wide-ranging kW size, single and three phase.

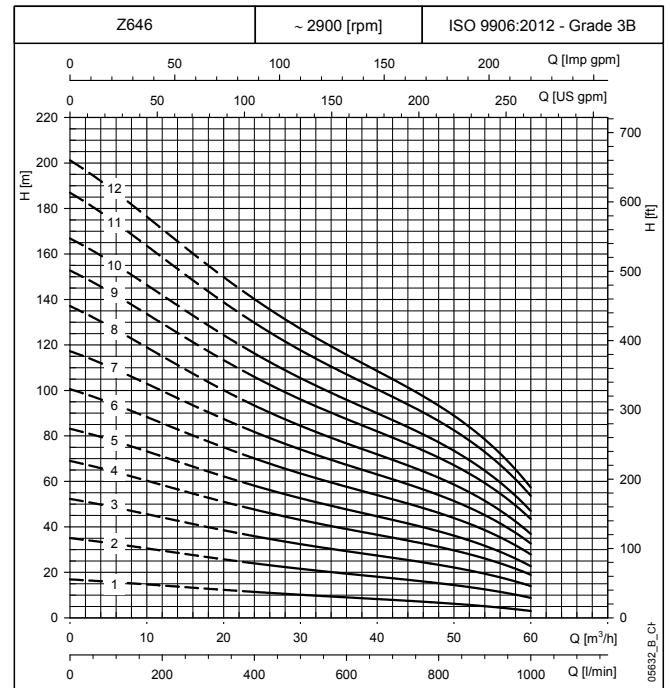
Contact us to find the best bore pump controller solution for your requirements.

Z646 Series

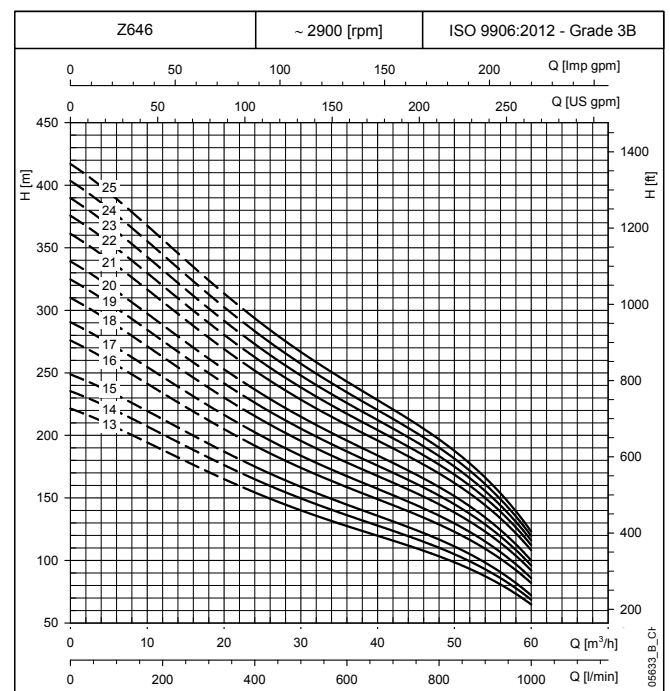
Product Code: LWZS		
Model	kW	415 V 3 Phase 50Hz
4Z646/02	3.00	\$5,931

Product Code: LWZS		
Model	kW	415 V 3 Phase 50Hz
Z646/03	5.50	\$7,425
Z646/05	7.50	\$8,401
Z646/06	11.00	\$9,485
Z646/07	11.00	\$9,986
Z646/10	15.00	\$12,886
Z646/12	18.50	\$14,781
Z646/15	22.00	\$17,240
Z646/20	30.00	\$22,211

Z646 SERIES, 1 TO 12 STAGES  
ELECTROPUMPS OPERATING CHARACTERISTICS



Z646 SERIES, 13 TO 25 STAGES  
ELECTROPUMPS OPERATING CHARACTERISTICS

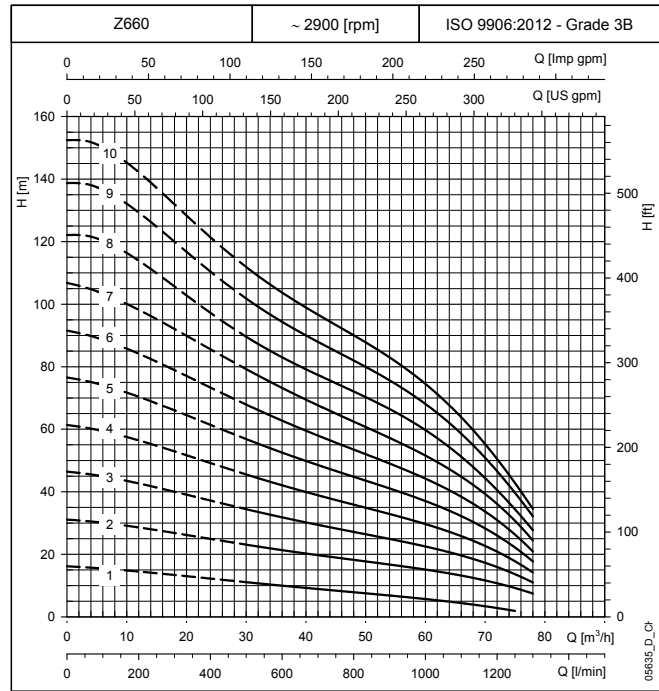


Z660 Series

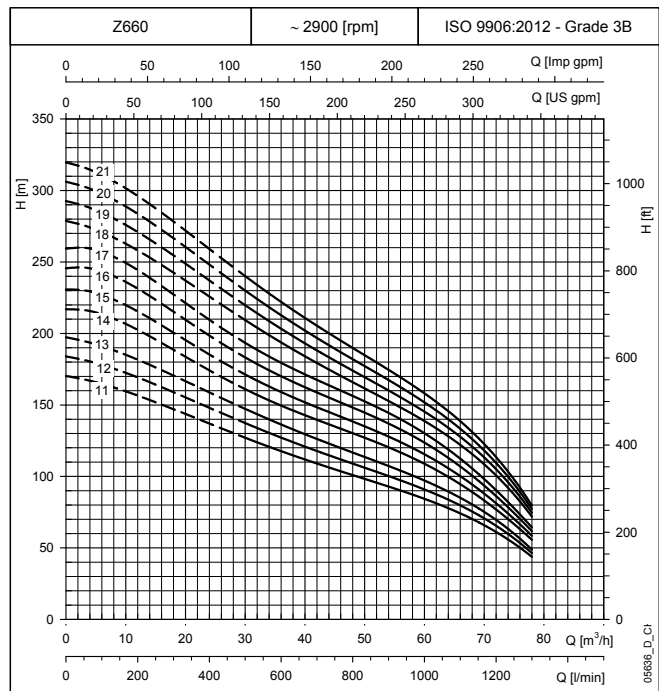
Product Code: LWZS		
Model	kW	415 V 3 Phase 50Hz
4Z660/02	4.00	\$6,585

Product Code: LWZS		
Model	kW	415 V 3 Phase 50Hz
Z660/03	5.50	\$7,159
Z660/04	7.50	\$8,196
Z660/05	11.00	\$9,306
Z660/06	11.00	\$9,826
Z660/08	15.00	\$11,931
Z660/10	18.50	\$14,264
Z660/13	22.00	\$16,736
Z660/17	30.00	\$21,410

Z660 SERIES, 1 TO 10 STAGES  
ELECTROPUMPS OPERATING CHARACTERISTICS



Z660 SERIES, 11 TO 21 STAGES  
ELECTROPUMPS OPERATING CHARACTERISTICS



9.

Z Series (Cont.)

Bare Pump Only

- For 150mm nominal bore and larger diameter wells
- 2 year warranty on Z series submersibles



Product Code: LWZS	
Model	Bare Pump Only
4Z612/06B	\$3,327
4Z612/08B	\$3,750
4Z616/04B	\$3,030
4Z616/05B	\$3,247
4Z622/03B	\$2,693
4Z622/04B	\$2,970
4Z622/05B	\$3,254

Product Code: LWZS	
Model	Bare Pump Only
4Z631/02B	\$3,206
4Z631/03B	\$3,635
4Z646/02B	\$3,581
4Z660/02B	\$3,844

Product Code: LWZS	
Model	Bare Pump Only
Z612/11B	\$4,223
Z612/13B	\$4,633
Z612/14B	\$4,826
Z612/15B	\$5,044
Z612/19B	\$5,740
Z612/21B	\$6,151
Z612/23B	\$6,944
Z612/29B	\$8,167
Z612/32B	\$8,770
Z616/07B	\$3,638
Z616/10B	\$4,307
Z616/12B	\$4,750
Z616/14B	\$5,185
Z616/22B	\$7,062
Z616/25B	\$8,178
Z616/27B	\$8,670
Z616/29B	\$9,095
Z622/05B	\$3,346
Z622/07B	\$3,815
Z622/09B	\$4,396
Z622/11B	\$4,962
Z622/15B	\$6,468
Z622/18B	\$7,329
Z622/20B	\$7,932
Z622/22B	\$8,521
Z622/27B	\$10,298

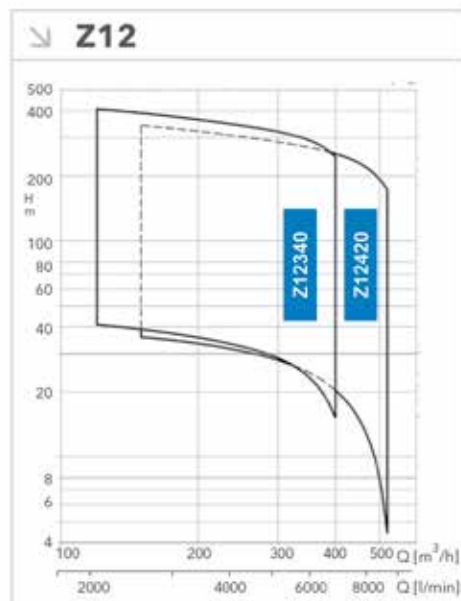
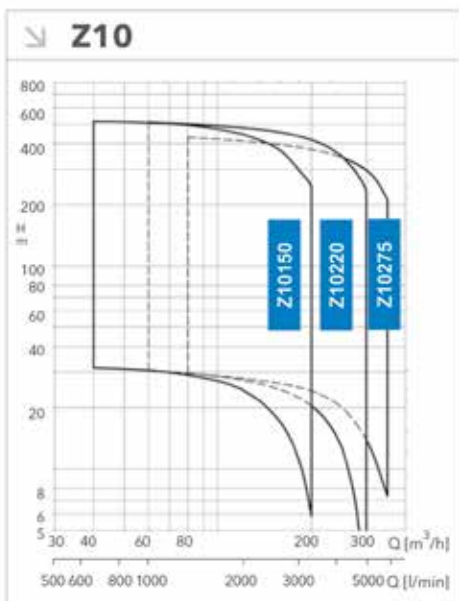
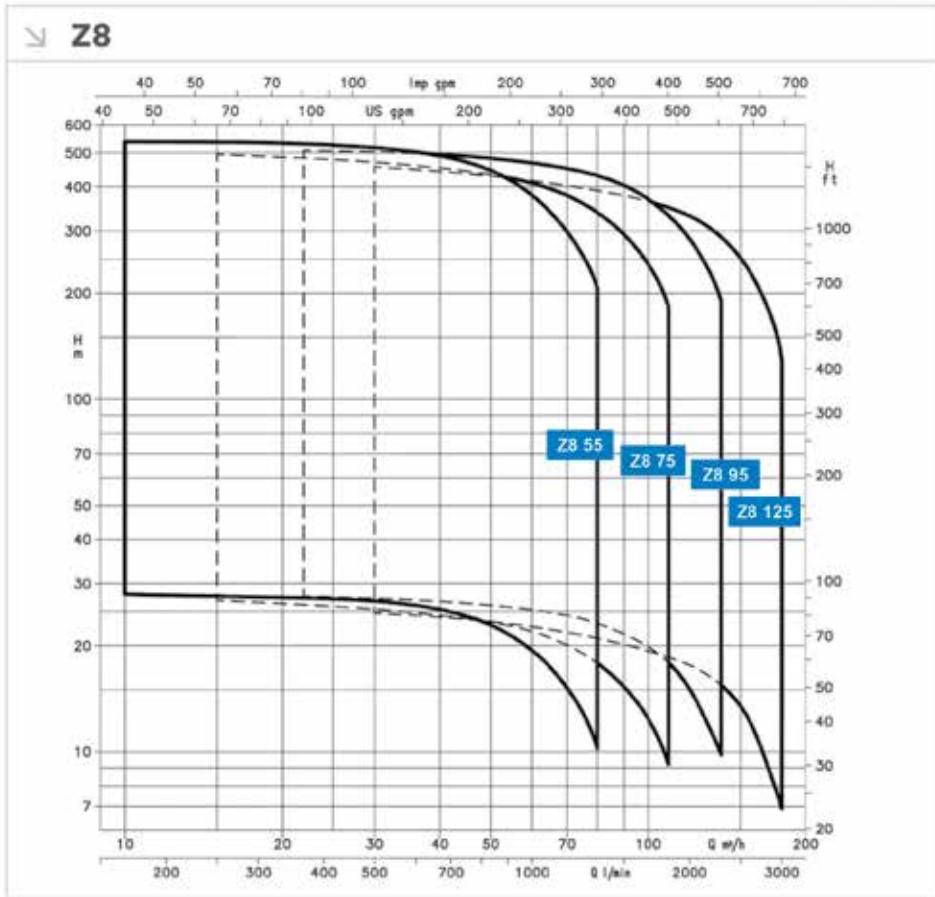
Product Code: LWZS	
Model	Bare Pump Only
Z631/04B	\$3,889
Z631/06B	\$4,694
Z631/07B	\$5,102
Z631/08B	\$5,509
Z631/09B	\$5,918
Z631/11B	\$6,712
Z631/14B	\$8,365
Z631/17B	\$9,600
Z631/21B	\$11,653
Z646/03B	\$4,016
Z646/05B	\$4,488
Z646/06B	\$4,985
Z646/07B	\$5,480
Z646/10B	\$7,365
Z646/12B	\$8,373
Z646/15B	\$9,967
Z646/20B	\$12,804
Z660/03B	\$3,755
Z660/04B	\$4,284
Z660/05B	\$4,808
Z660/06B	\$5,322
Z660/08B	\$6,420
Z660/10B	\$7,859
Z660/12B	\$8,937
Z660/13B	\$9,468
Z660/14B	\$9,982
Z660/15B	\$10,593
Z660/17B	\$12,008
Z660/21B	\$14,134

8" 10" 12" Submersible Pumps



Z Series Z8, Z10 and Z12 inch pumps are available upon request.

Z8, Z10, Z12 Series Curves



9.

## 4OS Motors

### 4" Motors

#### 2 and 3-Wire

- Price includes motor lead, but not control panel or splice kit
- M denotes single phase; T denotes three phase
- 240V three phase motors required when using a VSD controller, 240V three phase motors available upon request
- 2 year warranty

Product Code: LWSM						
kW	240 V 1 Phase 50Hz 2 Wire		240 V 1 Phase 50Hz 3 Wire		415V 3 Phase 50Hz	
	0.37	4OS03M/2W	\$932	4OS03M/3W	\$910	4OS03T/3W
0.55	4OS05M/2W	\$1,030	4OS05M/3W	\$912	4OS05T/3W	\$936
0.75	4OS07M/2W	\$1,085	4OS07M/3W	\$985	4OS07T/3W	\$1,001
1.10	4OS11M/2W	\$1,394	4OS11M/3W	\$1,074	4OS11T/3W	\$1,050
1.50			4OS15M/3W	\$1,238	4OS15T/3W	\$1,219
2.20			4OS22M/3W	\$1,699	4OS22T/3W	\$1,610
3.00			-	-	4OS30T/3W	\$2,330
4.00			-	-	4OS40T/3W	\$2,724
5.50					4OS55T/3W	\$3,125
7.50					4OS75T/3W	\$4,449

## Starter Boxes & Control Boxes

### QPC-QPS Series - Starter Boxes

#### Single-phase 240 Volt Starter Boxes- 3 Wire 4" Motors 0.37-4.0kW

- Designed for Lowara 4OS submersible single-phase motors
- Main switch for manual control
- Enclosure class: IP54
- 2 year warranty



Product Code: LWSM		
Model	kW	
QPC/03	0.37	\$434
QPC/05	0.55	\$434
QPC/07	0.75	\$434
QPC/11	1.10	\$434
QPC/15	1.50	\$434
QPC/22	2.20	\$742

### QPCS Series - Control Boxes

#### Single-phase 240 Volt Control/Starter Boxes- 3 Wire 4" Motors 0.37-2.20kW

- Designed for Lowara 4OS submersible single-phase motors
- Automatic control - Run dry control through level probes or float switch or minimum pressure switch
- Main switch for manual control
- Enclosure class: IP54
- Probes not included, sold separately
- 2 year warranty



Product Code: LWSM		
Model	kW	
QPCS/03	0.37	\$687
QPCS/05	0.55	\$687
QPCS/07	0.75	\$687
QPCS/11	1.10	\$687
QPCS/15	1.50	\$737
QPCS/22	2.20	\$940


Probe Kit	Part No	
Probe Kit-3 x probes only	LWSM 109.890.730	\$143



## Lowara 6" Motors

### Lowara L6W - HT Series

- Standard Construction 304SS motor sleeve with Cast Iron upper and lower brackets
- Water filled rewindable
- Nema standard motor
- Mechanical Seal Carbon-Graphite/Ceramic
- HT = High Temp, Maximum Water Temp 45°C

- Kingsbury type Thrust Bearing
- 380-415 Volt – 50Hz
- Includes standard 4 metre motor lead
- Motor bolts are included
- 2 year warranty
- **Freight charges apply to this product range** 




Product Code: LWSM				
	Model	Frame	kW	415V 3 Phase 50Hz
145mm Outer Diameter	L6W55T405/C HT 3W	6"	5.5	\$4,520
	L6W75T405/C HT 3W	6"	7.5	\$4,592
	L6W110T405/C HT 3W	6"	11	\$5,322
	L6W150T405/C HT 3W	6"	15	\$5,975
	L6W185T405/C HT 3W	6"	18.5	\$6,598
	L6W220T405/C HT 3W	6"	22	\$7,102
	L6W300T405/C HT 3W	6"	30	\$9,420
	L6W370T405/C HT 3W	6"	37	\$12,732

*Consult BBE when using a submersible motor with a VSD.*

## Saer Motors

### 6" and 8" Motors

- Nema standard motor
- X denotes 316SS
- Includes standard 4 metre lead
- Motor bolts are included
- 2 year warranty
- **Freight charges apply to this product range** 



#### 2 Pole Standard Construction

Product Code: SRSM				
	Model	Frame	kW	415V 3 Phase 50Hz
144mm Outer Diameter	MS152-07	6"	5.5	\$5,214
	MS152-10	6"	7.5	\$5,389
	MS152-15	6"	11.0	\$5,787
	MS152-20	6"	15.0	\$6,850
	MS152-25	6"	18.5	\$7,691
	MS152-30	6"	22.0	\$8,636
	MS152-40	6"	30.0	\$10,208
	MS153-50	6"	37.0	\$13,699
193mm Outer Diameter	MS201-060	8"	45.0	\$18,495
	MS201-075	8"	55.0	\$21,536
	MS201-100	8"	75.0	\$25,370
	MS201-125	8"	92.0	\$29,267
	MS201-150	8"	110.0	\$39,494

#### 2 Pole 316 Stainless Steel Construction

Product Code: SRSM				
	Model	Frame	kW	415V 3 Phase 50Hz
144mm Outer Diameter	MSX152-07	6"	5.5	\$9,314
	MSX152-10	6"	7.5	\$9,631
	MSX152-15	6"	11.0	\$10,338
	MSX152-20	6"	15.0	\$12,246
	MSX152-25	6"	18.5	\$13,743
	MSX152-30	6"	22.0	\$15,462
	MSX152-40	6"	30.0	\$18,251
	MSX153-50	6"	37.0	\$24,486
193mm Outer Diameter	MSX201-060	8"	45.0	\$30,323
	MSX201-075	8"	55.0	\$33,483
	MSX201-100	8"	75.0	\$38,392
	MSX201-125	8"	92.0	\$48,582
	MSX201-150	8"	110.0	\$58,312



## Bore Pump Equipment

Heat Shrink Kits	Part No	
1.5 to 6.0mm cable	LWSMBPKSM-1	\$63
6.0 to 16.0mm cable	LWSMBPKSM-3	\$109
16.0 to 35.0mm cable	LWSMBPKSM-4	\$138

Bore Caps	Part No	
32mm BSP	AKMS40499	\$196
40mm BSP	AKMS40500	\$201
50mm BSP	AKMS40501	\$207
80mm BSP	AKMS40502	\$279
100mm BSP	AKMS40503	\$279

Crusader Flexibore 100 Series Bore Hose	Part No	
Flexi Bore 32mm, per metre	AKMS40510	\$28
Flexi Bore 50mm, per metre	AKMS40512	\$34
32mm 304 SS Coupling, 2 required per bore	AKMS40513	\$204
50mm 304 SS Coupling, 2 required per bore	AKMS40515	\$299
Cable Ties	AKMS40516	\$3

Shroud Adaptors	Part No	
100 x 32mm PVC	AKMS10032	\$160
100 x 40mm PVC	AKMS10040	\$171
100 x 50mm PVC	AKMS10050	\$180

Stainless Steel Safety Cable	Part No	
4mm 316 S/Steel Safety cable, per metre	AKMS50400	\$12
4mm 316 S/Steel Cable clamps	AKMS50402	\$11
6mm 316 S/Steel Safety cable, per metre	AKMS50401	\$19
6mm 316 S/Steel Cable clamps	AKMS50403	\$13

Power Cable	Part No	
1.5mm <sup>2</sup> 2-core and earth, rubber HO7 per metre	AKMS50550	\$9
1.5mm <sup>2</sup> 3-core and earth, rubber HO7 per metre	AKMS50556	\$11
2.5mm <sup>2</sup> 2-core and earth, rubber HO7 per metre	AKMS50552	\$12
2.5mm <sup>2</sup> 3-core and earth, rubber HO7 per metre	AKMS50558	\$15
4.0mm <sup>2</sup> 2-core and earth, rubber HO7 per metre	AKMS50554	\$18
4.0mm <sup>2</sup> 3-core and earth, rubber HO7 per metre	AKMS50560	\$27
6.0mm <sup>2</sup> 3-core and earth, rubber HO7 per metre	AKMS50562	\$37
10.0mm <sup>2</sup> 3-core and earth, rubber HO7 per metre	AKMS50564	\$70

Probe Kit	Part No	
Probe Kit-3 x probes only	LWSM 109.890.730	\$143

# Layne Bowler

Layne Bowler vertical turbine pumps have a proven record under the most demanding and toughest of conditions.

- Flows to 2,300 L/Sec
- Heads to 350 m
- Power to 1000+ kW
- Temperatures to 150°C
- Bowls Diameter up to 45 inch

Layne Bowler pumps are available upon request.



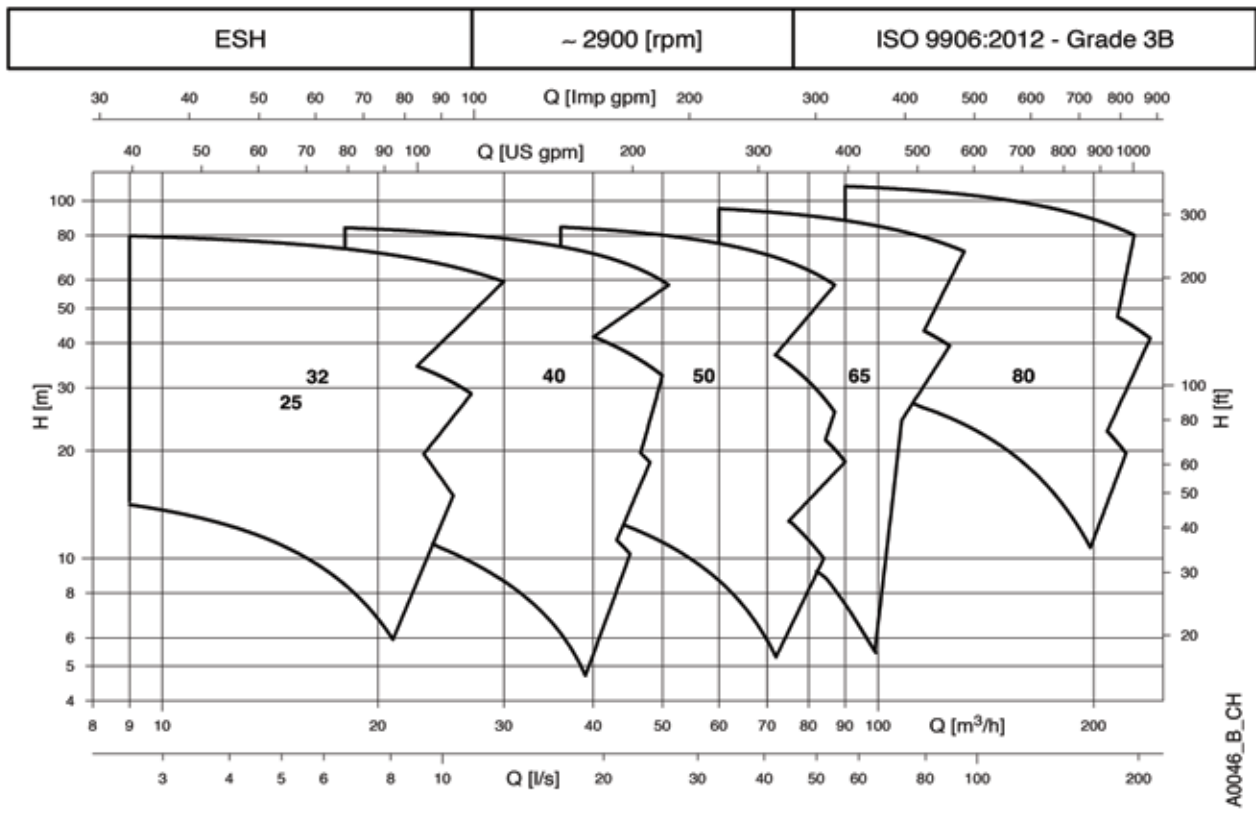
# 10. Industrial / Commercial Pumps

- Lowara e-SH Series
- Goulds GIS Series
- Saer IR, MBS, NCKB, SKD, TM and NCA Series

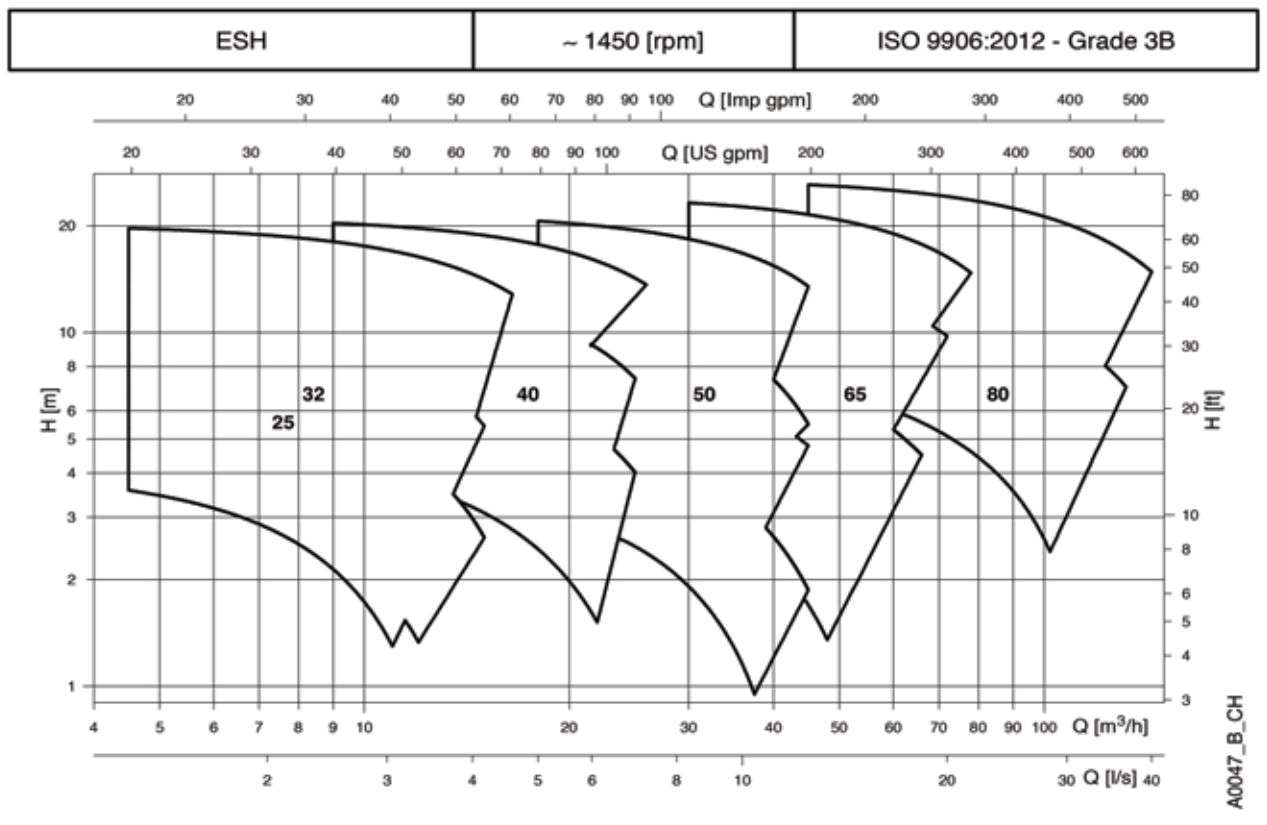


e-SH Series Curves

HYDRAULIC PERFORMANCE RANGE AT 50 Hz, 2 POLES



HYDRAULIC PERFORMANCE RANGE AT 50 Hz, 4 POLES



10.

### e-SHS Series

#### Stainless Steel End-Suction Centrifugal Pumps

##### Stub shaft version

- All 316L stainless steel wetted construction
- Pump price does not include mating flanges
- Standard carbon ceramic seal fitted with viton elastomers
- Alternative seal arrangements available POA
- 1 year warranty



##### 2 Pole-2900 RPM

##### 2 Pole-2900 RPM

Product Code: LWSH		
Model	kW	415 V 3 Phase 50Hz
ESHS32-125/07	0.75	\$2,923
ESHS32-125/11	1.10	\$3,054
ESHS32-160/15	1.50	\$3,173
ESHS32-160/22	2.20	\$3,555
ESHS32-200/30	3.00	\$4,007
ESHS32-200/40	4.00	\$4,345
ESHS32-250/55	5.50	\$5,559
ESHS32-250/75	7.50	\$6,021
ESHS32-250/110	11.00	\$7,283
ESHS40-125/11	1.10	\$3,124
ESHS40-125/15	1.50	\$3,236
ESHS40-125/22	2.20	\$3,683
ESHS40-160/30	3.00	\$4,136
ESHS40-160/40	4.00	\$4,543
ESHS40-200/55	5.50	\$5,617
ESHS40-200/75	7.50	\$5,928
ESHS40-250/110	11.00	\$7,721
ESHS40-250/150	15.00	\$8,145
ESHS50-125/22	2.20	\$3,734
ESHS50-125/30	3.00	\$4,256
ESHS50-125/40	4.00	\$4,649
ESHS50-160/55	5.50	\$5,874
ESHS50-160/75	7.50	\$6,169
ESHS50-200/110	11.00	\$8,244
ESHS50-250/150	15.00	\$9,270
ESHS50-250/185	18.50	\$9,594
ESHS50-250/220	22.00	\$10,070

Product Code: LWSH		
Model	kW	415 V 3 Phase 50Hz
ESHS65-160/40	4.00	\$5,264
ESHS65-160/55	5.50	\$6,168
ESHS65-160/75	7.50	\$6,538
ESHS65-160/110	11.00	\$9,854
ESHS65-200/150	15.00	\$10,904
ESHS65-200/185	18.50	\$11,231
ESHS65-200/220	22.00	\$11,710
ESHS65-250/300	30.00	\$14,419
ESHS65-250/370	37.00	\$14,726
ESHS80-160/110	11.00	\$12,326
ESHS80-160/150	15.00	\$12,752
ESHS80-160/185	18.50	\$13,079
ESHS80-200/220	22.00	\$15,235
ESHS80-200/300	30.00	\$16,290
ESHS80-200/370	37.00	\$16,594

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*Cast iron end suction pumps, and extended shaft version options are also available upon request. Lead times apply. Please contact us for more information.*

## e-SHS Series (Cont.)

## 4 Pole-1450 RPM



Product Code: LWSH		
Model	kW	415 V 3 Phase 50Hz
ESHS432-250/07	0.75	\$4,242
ESHS432-250/11	1.10	\$4,679
ESHS432-250/15	1.50	\$4,801
		\$
ESHS440-200/07	0.75	\$4,263
ESHS440-200/11	1.10	\$4,561
ESHS440-250/15	1.50	\$5,089
ESHS440-250/22	2.20	\$5,910
		\$
ESHS450-160/07	0.75	\$4,345
ESHS450-160/11	1.10	\$4,500
ESHS450-200/11	1.10	\$4,816
ESHS450-200/15	1.50	\$5,159
ESHS450-250/22	2.20	\$6,159
ESHS450-250/30	3.00	\$6,821
		\$
ESHS465-160/05	0.55	\$4,328
ESHS465-160/07	0.75	\$4,470
ESHS465-160/11	1.10	\$5,379
ESHS465-160/15	1.50	\$5,824
ESHS465-200/15	1.50	\$6,316
ESHS465-200/22	2.20	\$6,780
ESHS465-200/30	3.00	\$7,159
ESHS465-250/40	4.00	\$9,434
ESHS465-250/55	5.50	\$10,498
		\$
ESHS480-160/15	1.50	\$6,865
ESHS480-160/22	2.20	\$7,325
ESHS480-200/30	3.00	\$7,665
ESHS480-200/40	4.00	\$8,656
ESHS480-250/55	5.50	\$9,554
ESHS480-250/75	7.50	\$10,185

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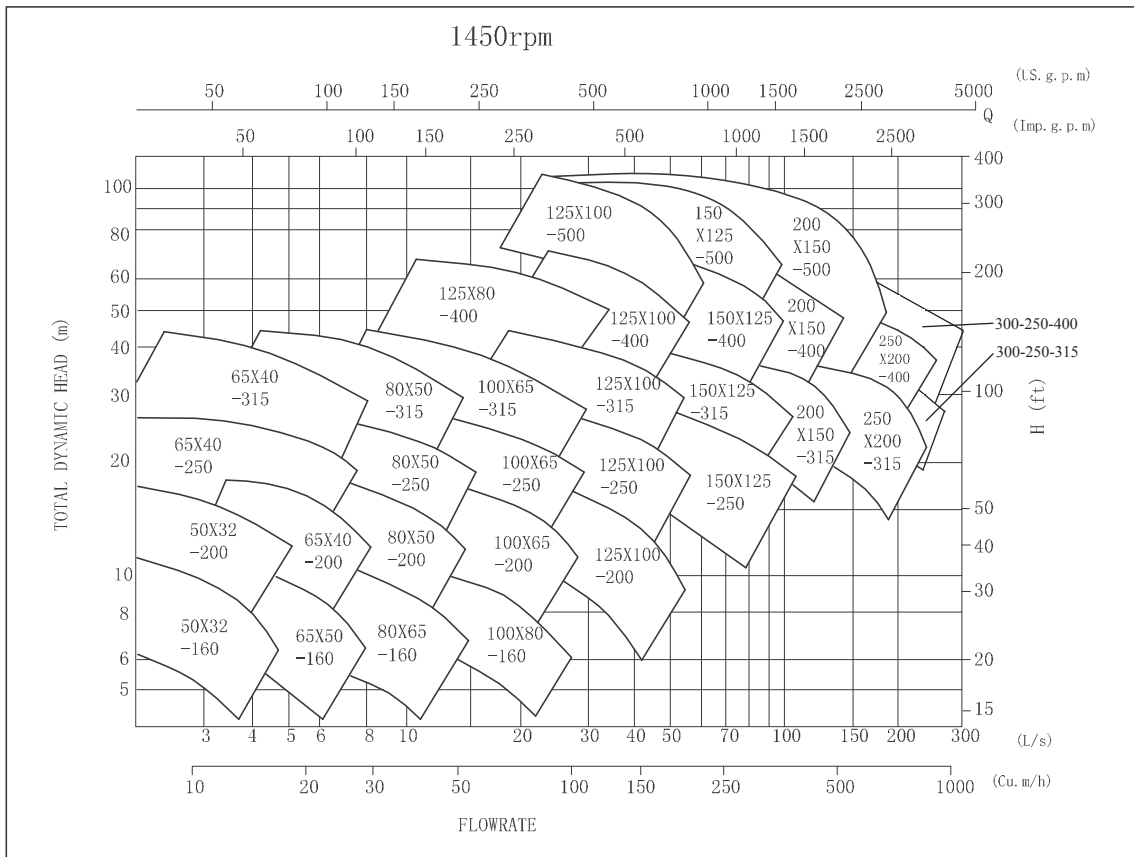
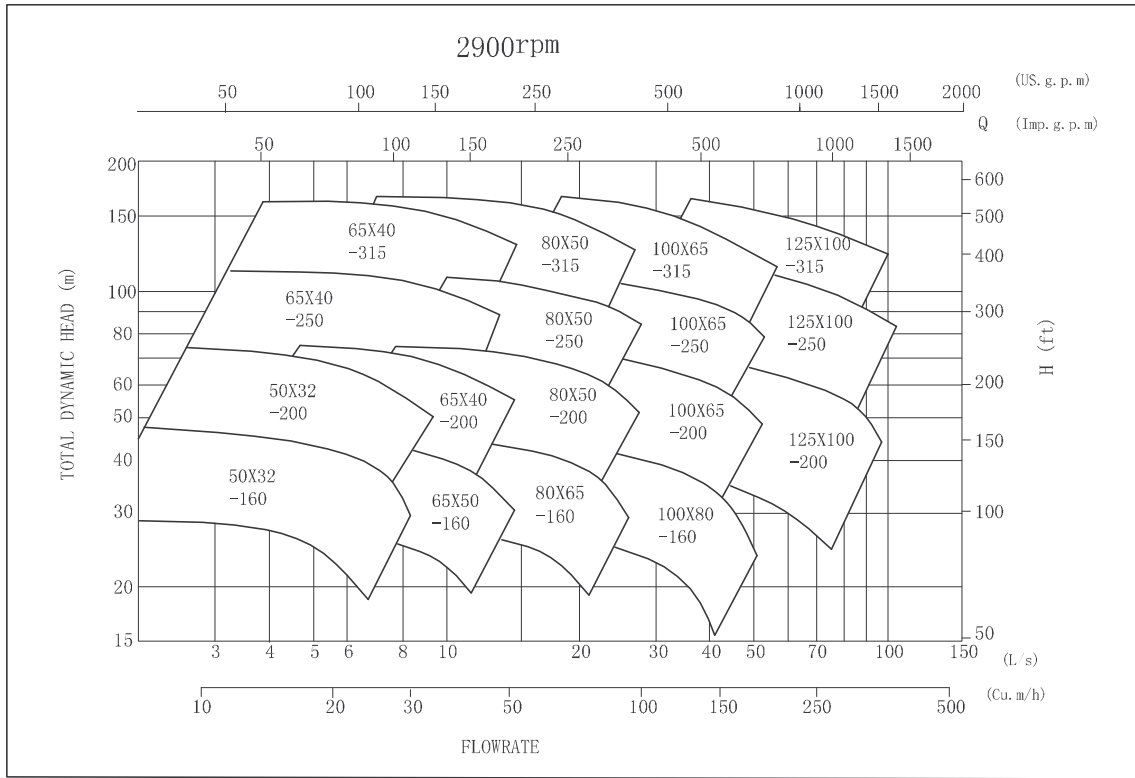
**COUNTERFLANGE KITS-PN16 Pressed 316 Stainless Steel Threaded Flanges**  
**NOTE: Kits comprise 2 flanges of different sizes, gaskets and bolts**

32mm Suits SHE/SHS	LWSH 109.390.521	\$529
40mm Suits SHE/SHS	LWSH 109.390.531	\$576
50mm Suits SHE/SHS	LWSH 109.390.541	\$612
65mm Suits SHE/SHS	LWSH 109.390.551	\$778
80mm Suits SHE/SHS	LWSH 109.390.561	\$1,016

*SHOE Series open impeller pumps are also available upon request.*

GIS Series Curves

**GISO End Suction Centrifugal Pump - 50HZ Performance Range**




10.

## Goulds GIS Series-ISO Pump



### Frame-Mount / Bare Shaft ISO2858


- AISI 304 stainless steel impeller complete with wear rings
- Cast iron pump casing
- Pump casing 16 bar
- Keyed stainless steel shaft
- Carbon ceramic shaft seal
- All 316 stainless steel construction available on request
- 2 year warranty
- **Freight charges apply to this product range** 



Product Code: GIFM	
Model	Without Base
GIFM 50 x 32-160	\$2,695
GIFM 50 x 32-200	\$3,034
GIFM 65 x 50-160	\$2,822
GIFM 65 x 40-200	\$2,876
GIFM 65 x 40-250	\$4,465
GIFM 65 x 40-315	\$4,777
GIFM 80 x 65-160	\$2,852
GIFM 80 x 50-200	\$3,066
GIFM 80 x 50-250	\$4,311
GIFM 80 x 50-315	\$4,804
GIFM 100 x 80-160	\$3,847
GIFM 100 x 65-200	\$3,980
GIFM 100 x 65-250	\$4,082
GIFM 100 x 65-315	\$6,143
GIFM 125 x 80-400	\$7,982
GIFM 125 x 100-200	\$4,155
GIFM 125 x 100-250	\$5,839
GIFM 125 x 100-315	\$6,661
GIFM 125 x 100-400	\$8,708
GIFM 125 x 100-500	\$13,204
GIFM 150 x 125-250	\$6,421
GIFM 150 x 125-315	\$7,242
GIFM 150 x 125-400	\$9,119
GIFM 150 x 125-500	\$15,000
GIFM 200 x 150-315	\$9,725
GIFM 200 x 150-400	\$13,338
GIFM 200 x 150-500	\$16,104
GIFM 250 x 200-315	\$13,020
GIFM 250 x 200-400	\$14,769

ISO Pump Modifications	
Prices are NET and no discounts apply.	
Impeller trims	\$315
Special Seal change ( <i>labour only - seal not included</i> )	\$195

### Long Coupled ISO Pump Unit

- ISO2858
- Price includes pump, motor, spacer coupling, guard and galvanised base
- Standard construction CI/SS/SS and mechanical seal carbon/ceramic
- All 316 stainless steel construction available on request
- Price includes impeller trim to non-overloading motor size
- Standard offering with Weg motor; other motor manufacturers available on request
- 2 year warranty
- Freight charges apply to this product range 



2 Pole-2900 RPM

Product Code: GIFM-BU		
Model	kW	415 V 3 Phase 50Hz
GIFM-BU 50 x 32-160	3.00	\$6,039
GIFM-BU 50 x 32-160	4.00	\$6,160
GIFM-BU 50 x 32-160	5.50	\$6,881
GIFM-BU 50 x 32-200	5.50	\$7,241
GIFM-BU 50 x 32-200	7.50	\$7,408
GIFM-BU 50 x 32-200	11.00	\$7,936
GIFM-BU 65 x 40-200	7.50	\$7,290
GIFM-BU 65 x 40-200	11.00	\$8,223
GIFM-BU 65 x 40-200	15.00	\$8,244
GIFM-BU 65 x 40-250	11.00	\$9,133
GIFM-BU 65 x 40-250	15.00	\$9,423
GIFM-BU 65 x 40-250	18.50	\$9,718
GIFM-BU 65 x 40-250	22.00	\$10,498
GIFM-BU 65 x 40-250	30.00	\$10,638
GIFM-BU 65 x 40-315	22.00	\$11,802
GIFM-BU 65 x 40-315	30.00	\$12,057
GIFM-BU 65 x 40-315	37.00	\$14,062
GIFM-BU 65 x 40-315	45.00	\$14,371
GIFM-BU 65 x 50-160	4.00	\$6,297
GIFM-BU 65 x 50-160	5.50	\$7,132
GIFM-BU 65 x 50-160	7.50	\$7,155
GIFM-BU 80 x 50-200	11.00	\$8,041
GIFM-BU 80 x 50-200	15.00	\$8,605
GIFM-BU 80 x 50-200	18.50	\$8,881
GIFM-BU 80 x 50-200	22.00	\$9,475
GIFM-BU 80 x 50-250	18.50	\$9,723
GIFM-BU 80 x 50-250	22.00	\$10,361
GIFM-BU 80 x 50-250	30.00	\$11,080
GIFM-BU 80 x 50-250	37.00	\$13,095
GIFM-BU 80 x 50-250	45.00	\$13,488
GIFM-BU 80 x 50-315	30.00	\$12,231
GIFM-BU 80 x 50-315	37.00	\$14,227
GIFM-BU 80 x 50-315	45.00	\$14,993
GIFM-BU 80 x 50-315	55.00	\$17,181
GIFM-BU 80 x 50-315	75.00	\$19,115
GIFM-BU 80 x 65-160	5.50	\$6,934
GIFM-BU 80 x 65-160	7.50	\$7,101
GIFM-BU 80 x 65-160	11.00	\$7,859
GIFM-BU 80 x 65-160	15.00	\$8,051

Product Code: GIFM-BU		
Model	kW	415 V 3 Phase 50Hz
GIFM-BU 100 x 65-200	15.00	\$9,451
GIFM-BU 100 x 65-200	18.50	\$9,895
GIFM-BU 100 x 65-200	22.00	\$10,706
GIFM-BU 100 x 65-200	30.00	\$11,030
GIFM-BU 100 x 65-200	37.00	\$12,321
GIFM-BU 100 x 65-250	30.00	\$11,193
GIFM-BU 100 x 65-250	37.00	\$13,217
GIFM-BU 100 x 65-250	45.00	\$14,418
GIFM-BU 100 x 65-250	55.00	\$15,650
GIFM-BU 100 x 65-250	75.00	\$18,985
GIFM-BU 100 x 65-315	55.00	\$18,537
GIFM-BU 100 x 65-315	75.00	\$21,635
GIFM-BU 100 x 65-315	90.00	\$25,250
GIFM-BU 100 x 65-315	110.00	\$30,764
GIFM-BU 100 x 80-160	11.00	\$8,731
GIFM-BU 100 x 80-160	15.00	\$8,784
GIFM-BU 100 x 80-160	18.50	\$8,805
GIFM-BU 100 x 80-160	22.00	\$9,784
GIFM-BU 125 x 100-200	30.00	\$10,933
GIFM-BU 125 x 100-200	37.00	\$13,215
GIFM-BU 125 x 100-200	45.00	\$14,277
GIFM-BU 125 x 100-200	55.00	\$16,004
GIFM-BU 125 x 100-200	75.00	\$18,943
GIFM-BU 125 x 100-250	55.00	\$18,453
GIFM-BU 125 x 100-250	75.00	\$19,359
GIFM-BU 125 x 100-250	90.00	\$25,084
GIFM-BU 125 x 100-250	110.00	\$30,455
GIFM-BU 125 x 100-315	90.00	\$25,662
GIFM-BU 125 x 100-315	110.00	\$32,133

10.



GIFM-BU

Long Coupled ISO Pump Unit (Cont.)

4 Pole-1450 RPM

Product Code: GIFM-BU		
Model	kW	415 V 3 Phase 50Hz
GIFM-BU 50 x 32-160	0.75	\$5,714
GIFM-BU 50 x 32-200	0.75	\$6,105
GIFM-BU 50 x 32-200	1.10	\$6,191
GIFM-BU 50 x 32-200	1.50	\$6,290
GIFM-BU 65 x 40-200	1.10	\$6,246
GIFM-BU 65 x 40-200	1.50	\$6,288
GIFM-BU 65 x 40-200	2.20	\$6,613
GIFM-BU 65 x 40-250	1.50	\$7,243
GIFM-BU 65 x 40-250	2.20	\$7,535
GIFM-BU 65 x 40-250	3.00	\$7,577
GIFM-BU 65 x 40-315	3.00	\$8,763
GIFM-BU 65 x 40-315	4.00	\$8,938
GIFM-BU 65 x 40-315	5.50	\$9,108
GIFM-BU 65 x 40-315	7.50	\$10,208
GIFM-BU 65 x 50-160	0.75	\$5,896
GIFM-BU 65 x 50-160	1.10	\$5,981
GIFM-BU 80 x 50-200	1.50	\$6,288
GIFM-BU 80 x 50-200	2.20	\$6,533
GIFM-BU 80 x 50-200	3.00	\$6,809
GIFM-BU 80 x 50-250	3.00	\$7,648
GIFM-BU 80 x 50-250	4.00	\$7,717
GIFM-BU 80 x 50-250	5.50	\$8,002
GIFM-BU 80 x 50-315	4.00	\$8,981
GIFM-BU 80 x 50-315	5.50	\$9,180
GIFM-BU 80 x 50-315	7.50	\$9,334
GIFM-BU 80 x 65-160	1.10	\$6,108
GIFM-BU 80 x 65-160	1.50	\$6,114
GIFM-BU 100 x 65-200	2.20	\$7,446
GIFM-BU 100 x 65-200	3.00	\$7,542
GIFM-BU 100 x 65-200	4.00	\$7,649
GIFM-BU 100 x 65-200	5.50	\$7,792
GIFM-BU 100 x 65-250	4.00	\$8,103
GIFM-BU 100 x 65-250	5.50	\$8,426
GIFM-BU 100 x 65-250	7.50	\$8,664
GIFM-BU 100 x 65-315	7.50	\$10,643
GIFM-BU 100 x 65-315	11.00	\$11,406
GIFM-BU 100 x 65-315	15.00	\$11,435
GIFM-BU 100 x 80-160	1.10	\$6,711
GIFM-BU 100 x 80-160	1.50	\$6,752
GIFM-BU 100 x 80-160	2.20	\$7,017
GIFM-BU 100 x 80-160	3.00	\$7,167

Product Code: GIFM-BU		
Model	kW	415 V 3 Phase 50Hz
GIFM-BU 125 x 80-400	11.00	\$14,545
GIFM-BU 125 x 80-400	15.00	\$14,609
GIFM-BU 125 x 80-400	18.50	\$15,201
GIFM-BU 125 x 80-400	22.00	\$15,263
GIFM-BU 125 x 80-400	30.00	\$16,371
GIFM-BU 125 x 100-200	4.00	\$8,100
GIFM-BU 125 x 100-200	5.50	\$8,662
GIFM-BU 125 x 100-200	7.50	\$8,762
GIFM-BU 125 x 100-250	7.50	\$10,850
GIFM-BU 125 x 100-250	11.00	\$11,728
GIFM-BU 125 x 100-250	15.00	\$11,749
GIFM-BU 125 x 100-315	11.00	\$11,918
GIFM-BU 125 x 100-315	15.00	\$12,096
GIFM-BU 125 x 100-315	18.50	\$12,857
GIFM-BU 125 x 100-315	22.00	\$14,182
GIFM-BU 125 x 100-400	18.50	\$14,429
GIFM-BU 125 x 100-400	22.00	\$15,806
GIFM-BU 125 x 100-400	30.00	\$16,411
GIFM-BU 125 x 100-400	37.00	\$19,384
GIFM-BU 125 x 100-400	45.00	\$19,588
GIFM-BU 150 x 125-250	11.00	\$11,846
GIFM-BU 150 x 125-250	15.00	\$11,935
GIFM-BU 150 x 125-250	18.50	\$12,391
GIFM-BU 150 x 125-250	22.00	\$13,200
GIFM-BU 150 x 125-315	18.50	\$13,174
GIFM-BU 150 x 125-315	22.00	\$13,772
GIFM-BU 150 x 125-315	30.00	\$14,846
GIFM-BU 150 x 125-315	37.00	\$17,458
GIFM-BU 150 x 125-400	30.00	\$16,387
GIFM-BU 150 x 125-400	37.00	\$18,982
GIFM-BU 150 x 125-400	45.00	\$19,008
GIFM-BU 150 x 125-400	55.00	\$21,606
GIFM-BU 150 x 125-400	75.00	\$24,725

Long Coupled ISO Pump Unit (Cont.)

4 Pole-1450 RPM

Product Code: GIFM-BU		
Model	kW	415 V 3 Phase 50Hz
GIFM-BU 200 x 150-315	30.00	\$23,873
GIFM-BU 200 x 150-315	37.00	\$25,972
GIFM-BU 200 x 150-315	45.00	\$27,949
GIFM-BU 200 x 150-315	55.00	\$28,777
GIFM-BU 200 x 150-315	75.00	\$31,517
GIFM-BU 200 x 150-400	45.00	\$30,010
GIFM-BU 200 x 150-400	55.00	\$31,509
GIFM-BU 200 x 150-400	75.00	\$33,890
GIFM-BU 200 x 150-400	90.00	\$35,634
GIFM-BU 200 x 150-400	110.00	\$40,337
GIFM-BU 200 x 150-500	75.00	\$38,810
GIFM-BU 200 x 150-500	90.00	\$40,445
GIFM-BU 200 x 150-500	110.00	\$45,290
GIFM-BU 200 x 150-500	132.00	\$49,217
GIFM-BU 200 x 150-500	160.00	\$60,212
GIFM-BU 200 x 150-500	200.00	\$60,547
GIFM-BU 250 x 200-315	30.00	\$30,056
GIFM-BU 250 x 200-315	37.00	\$31,365
GIFM-BU 250 x 200-315	45.00	\$31,869
GIFM-BU 250 x 200-315	55.00	\$33,793
GIFM-BU 250 x 200-315	75.00	\$36,141
GIFM-BU 250 x 200-400	75.00	\$39,373
GIFM-BU 250 x 200-400	90.00	\$41,122
GIFM-BU 250 x 200-400	110.00	\$45,370
GIFM-BU 250 x 200-400	132.00	\$49,668
GIFM-BU 250 x 200-400	160.00	\$59,892
6 Pole motor options available upon request-POA		

10. ISO Motor Pump Bases


- Base only
- Galvanised and drilled
- Packers not included



Product Code: AKMS		
Model		
60140	BASE MOTOR PUMP 600x426x40 5MM	\$921
60141	BASE MOTOR PUMP 750x520x74 5MM	\$1,024
60142	BASE MOTOR PUMP 900x572x93 6MM	\$1,345
60143	BASE MOTOR PUMP 1100x622x68 6MM	\$1,426
60144	BASE MOTOR PUMP 1200x676x120 8MM	\$1,642
60145	BASE MOTOR PUMP 1500x775x120 12MM	\$2,607

## Goulds GIS Series-ISO Motor Pump

### Stub-Shaft / Close Coupled ISO2858

- AISI 304 stainless steel impeller complete with wear rings
- Cast iron pump casing
- Pump casing 16 bar
- Motor IP55
- Carbon ceramic shaft seal
- All 316 stainless steel construction available on request
- Price includes impeller trim to non-overloading motor size
- Standard offering with Weg motor; other motor manufacturers available on request
- 2 year warranty
- Freight charges apply to this product range 



GIMP



GIMP-BU



### 2 Pole-2900 RPM

Product Code:		GIMP	GIMP-BU
Model	kW	Without Base	With Base
50 x 32-160	3.00	\$3,971	\$4,955
50 x 32-160	4.00	\$4,055	\$5,040
50 x 32-160	5.50	\$4,484	\$5,477
50 x 32-200	5.50	\$4,846	\$5,843
50 x 32-200	7.50	\$4,966	\$5,966
50 x 32-200	11.00	\$5,672	\$6,680
65 x 50-160	4.00	\$4,023	\$5,058
65 x 50-160	5.50	\$4,317	\$5,357
65 x 50-160	7.50	\$4,578	\$5,621
65 x 40-200	7.50	\$5,039	\$6,088
65 x 40-200	11.00	\$5,607	\$6,667
65 x 40-200	15.00	\$6,045	\$7,109
65 x 40-250	11.00	\$6,817	\$7,892
65 x 40-250	15.00	\$7,249	\$8,331
65 x 40-250	18.50	\$7,586	\$8,672
65 x 40-250	22.00	\$8,114	\$9,209
65 x 40-250	30.00	\$9,024	\$10,109
65 x 40-315	22.00	\$9,282	\$10,393
65 x 40-315	30.00	\$10,168	\$11,270
65 x 40-315	37.00	\$10,474	\$11,579
65 x 40-315	45.00	\$13,070	\$14,212
80 x 65-160	5.50	\$4,613	\$5,755
80 x 65-160	7.50	\$4,738	\$5,880
80 x 65-160	11.00	\$5,301	\$6,452
80 x 65-160	15.00	\$5,880	\$7,037
80 x 50-200	11.00	\$5,682	\$6,839
80 x 50-200	15.00	\$6,117	\$7,279
80 x 50-200	18.50	\$6,450	\$7,616
80 x 50-200	22.00	\$6,996	\$8,170
80 x 50-250	18.50	\$8,085	\$9,275
80 x 50-250	22.00	\$8,628	\$9,827
80 x 50-250	30.00	\$9,590	\$10,776
80 x 50-250	37.00	\$9,895	\$11,084
80 x 50-250	45.00	\$12,409	\$13,636

Product Code:		GIMP	GIMP-BU
Model	kW	Without Base	With Base
80 x 50-315	30.00	\$10,192	\$11,151
80 x 50-315	37.00	\$10,285	\$11,479
80 x 50-315	45.00	\$12,779	\$14,010
80 x 50-315	55.00	\$14,104	\$15,491
80 x 50-315	75.00	\$15,522	\$16,929
100 x 80-160	11.00	\$6,727	\$7,860
100 x 80-160	15.00	\$7,161	\$8,303
100 x 80-160	18.50	\$8,085	\$9,206
100 x 80-160	22.00	\$8,054	\$9,235
100 x 65-200	15.00	\$7,648	\$8,793
100 x 65-200	18.50	\$7,983	\$9,133
100 x 65-200	22.00	\$8,529	\$9,687
100 x 65-200	30.00	\$9,490	\$10,639
100 x 65-200	37.00	\$9,797	\$11,097
100 x 65-250	30.00	\$9,723	\$11,020
100 x 65-250	37.00	\$10,051	\$11,352
100 x 65-250	45.00	\$12,598	\$13,933
100 x 65-250	55.00	\$13,890	\$15,375
100 x 65-250	75.00	\$16,375	\$17,898
100 x 65-315	55.00	\$15,365	\$16,873
100 x 65-315	75.00	\$16,902	\$18,432
100 x 65-315	90.00	\$19,198	\$20,846
100 x 65-315	110.00	\$19,867	\$21,525
125 x 100-200	30.00	\$9,564	\$10,749
125 x 100-200	37.00	\$9,869	\$11,060
125 x 100-200	45.00	\$12,349	\$13,681
125 x 100-200	55.00	\$13,684	\$15,038
125 x 100-200	75.00	\$15,090	\$16,463
125 x 100-250	55.00	\$15,197	\$16,570
125 x 100-250	75.00	\$16,519	\$17,911
125 x 100-250	90.00	\$18,818	\$20,462
125 x 100-250	110.00	\$19,942	\$21,603
125 x 100-315	90.00	\$19,795	\$21,452
125 x 100-315	110.00	\$20,626	\$22,294

Goulds GIS Series (Cont.)

4 Pole-1450 RPM

Product Code:		GIMP	GIMP-BU
Model	kW	Without Base	With Base
50 x 32-160	0.75	\$3,777	\$4,761
50 x 32-200	0.75	\$4,080	\$5,064
50 x 32-200	1.10	\$4,123	\$5,110
50 x 32-200	1.50	\$4,162	\$5,147
65 x 50-160	0.75	\$3,821	\$4,801
65 x 50-160	1.10	\$3,865	\$4,849
65 x 40-200	1.10	\$4,465	\$5,454
65 x 40-200	1.50	\$4,505	\$5,494
65 x 40-200	2.20	\$4,603	\$5,595
65 x 40-250	1.10	\$5,696	\$6,704
65 x 40-250	1.50	\$5,736	\$6,744
65 x 40-250	2.20	\$5,836	\$6,843
65 x 40-250	3.00	\$5,933	\$6,943
65 x 40-315	2.20	\$7,283	\$8,312
65 x 40-315	3.00	\$7,380	\$8,412
65 x 40-315	4.00	\$7,498	\$8,532
65 x 40-315	5.50	\$7,718	\$8,756
65 x 40-315	7.50	\$7,946	\$8,985
80 x 65-160	1.10	\$3,967	\$5,100
80 x 65-160	1.50	\$4,008	\$5,140
80 x 50-200	1.50	\$4,589	\$5,730
80 x 50-200	2.20	\$4,688	\$5,831
80 x 50-200	3.00	\$4,786	\$5,930
80 x 50-250	3.00	\$6,422	\$7,587
80 x 50-250	4.00	\$6,534	\$7,705
80 x 50-250	5.50	\$6,734	\$7,904
80 x 50-315	4.00	\$6,944	\$8,118
80 x 50-315	5.50	\$7,188	\$8,368
80 x 50-315	7.50	\$7,417	\$8,597
100 x 80-160	1.10	\$5,585	\$6,739
100 x 80-160	1.50	\$5,623	\$6,780
100 x 80-160	2.20	\$5,722	\$6,878
100 x 80-160	3.00	\$5,823	\$6,979
100 x 80-160	4.00	\$5,938	\$7,097
100 x 65-200	2.20	\$6,294	\$7,458
100 x 65-200	3.00	\$6,393	\$7,558
100 x 65-200	4.00	\$6,512	\$7,679
100 x 65-200	5.50	\$6,707	\$7,876
100 x 65-250	3.00	\$6,504	\$7,672
100 x 65-250	4.00	\$6,619	\$7,789
100 x 65-250	5.50	\$7,018	\$8,193
100 x 65-250	7.50	\$7,246	\$8,424

Product Code:		GIMP	GIMP-BU
Model	kW	Without Base	With Base
100 x 65-315	5.50	\$8,637	\$9,836
100 x 65-315	7.50	\$8,866	\$10,066
100 x 65-315	11.0	\$9,545	\$10,755
100 x 65-315	15.0	\$9,908	\$11,123
125 x 100-200	3.00	\$6,373	\$7,539
125 x 100-200	4.00	\$6,490	\$7,657
125 x 100-200	5.50	\$6,688	\$7,857
125 x 100-200	7.50	\$6,915	\$8,089
125 x 100-250	7.50	\$8,592	\$9,788
125 x 100-250	11.00	\$9,178	\$10,495
125 x 100-250	15.00	\$9,540	\$10,862
125 x 100-250	18.50	\$10,082	\$11,412
125 x 100-315	11.00	\$10,146	\$11,476
125 x 100-315	15.00	\$10,507	\$11,843
125 x 100-315	18.50	\$11,049	\$12,391
125 x 100-315	22.00	\$11,640	\$12,991
125 x 80-400	11.00	\$11,800	\$13,154
125 x 80-400	15.00	\$12,165	\$13,523
125 x 80-400	18.50	\$12,705	\$14,073
125 x 80-400	22.00	\$13,297	\$14,672
125 x 80-400	30.00	\$13,958	\$15,313
125 x 100-400	18.50	\$12,947	\$14,317
125 x 100-400	22.00	\$13,605	\$14,982
125 x 100-400	30.00	\$14,214	\$15,573
125 x 100-400	37.00	\$14,429	\$15,791
125 x 100-400	45.00	\$16,989	\$18,387
150 x 125-250	11.00	\$9,444	\$10,763
150 x 125-250	15.00	\$9,806	\$11,130
150 x 125-250	18.50	\$10,348	\$11,679
150 x 125-250	22.00	\$10,941	\$12,279
150 x 125-315	18.50	\$11,207	\$12,551
150 x 125-315	22.00	\$11,798	\$13,151
150 x 125-315	30.00	\$12,400	\$13,734
150 x 125-315	37.00	\$12,614	\$14,097
150 x 125-400	30.00	\$14,332	\$15,840
150 x 125-400	37.00	\$14,549	\$16,057
150 x 125-400	45.00	\$17,107	\$18,654
150 x 125-400	55.00	\$18,695	\$20,335
150 x 125-400	75.00	\$20,479	\$22,144

10.

## IR Series

### End Suction Close-Coupled Centrifugal Pumps

#### Extended shaft version

- Cast Iron construction with 316L stainless steel impeller
- Motor IP55
- All stainless steel AISI316 and marine bronze available on request
- Price does not include mating flanges



**SAER**  
ELETTROPOMPE



#### 2 Pole-2900 RPM

Product Code: SRIR		
Model	kW	415 V 3 Phase 50Hz
IR32-160A	3.00	\$3,050
IR32-200NC	4.00	\$4,118
IR32-200NB	5.50	\$4,303
IR40-125B	2.20	\$2,792
IR40-160NC/B	3.00	\$3,279
IR40-160NC/A	4.00	\$3,864
IR40-160NB/A	5.50	\$4,057
IR40-200B	5.50	\$4,389
IR40-200A	7.50	\$5,342
IR40-200NB	7.50	\$5,394
IR50-125C	2.20	\$3,018
IR50-125B	3.00	\$3,275
IR50-125A	4.00	\$3,861
IR50-160B	5.50	\$4,418
IR50-160NB	7.50	\$5,464
IR50-200B	11.00	\$7,527
IR65-125C	4.00	\$4,295
IR65-125A	7.50	\$5,484

COUNTERFLANGE KITS PN16 Pressed Steel Zinc-Plated Threaded Flanges		
NOTE: Kits comprise 2 flanges of different sizes, gaskets and bolts		
32mm Suits IR32	LWFH 109.390.461	\$183
40mm Suits IR40	LWFH 109.390.471	\$197
50mm Suits IR50	LWFH 109.390.481	\$201
65mm Suits IR65	LWFH 109.390.491	\$220



*Full range of IR models including different materials, all available upon request.*

**SAER**  
ELETTROPOMPE

## Welcome to the big end of town.

When high head and high flows are required look no further than this quality Italian made range from SAER. Contact us for more information.



**NCBK Series**  
*End suction pumps with dimensions exceeding EN 733*

The SAER NCBK range are high flow centrifugal pumps offering good efficiencies and application versatility with different material options.

**Specifications**  
 - Flows to 2300m<sup>3</sup>/h  
 - Head to 97m  
 - Exceeds EN733 (DIN 24255 standard)

**Available materials**  
 - Cast iron  
 - Carbon steel  
 - Bronze  
 - AISI316



**SKD Series**  
*Split casing pumps*

The SKD Split case pumps from SAER are economical and reliable thanks to high efficiency and low maintenance.

**Specifications**  
 - Flows to 5000m<sup>3</sup>/h  
 - Head to 220m

**Available materials**  
 - Cast iron  
 - Bronze



**NCA Series**  
*End suction pump with open or channel impeller*

SAER's NCA range is an end suction pump with open or channel impeller, high flow and material options that offer a solution for many solids handling applications.

**Specifications**  
 - Flows to 400-2200m<sup>3</sup>/h  
 - Head to 15-52m

**Available materials**  
 - Cast iron  
 - Cast steel  
 - Bronze  
 - Stainless steel



**TM Series**  
*Multistage horizontal pumps*

The SAER TM series is ideal for applications that require high pressure. Their design options and material offer a solution for many high pressure applications.

**Specifications**  
 - Flows to 700m<sup>3</sup>/h  
 - Head to 630m

**Available materials**  
 - Cast iron  
 - Carbon steel  
 - Bronze  
 - AISI316

## MBS Series

### Submersible Electric Pump

- Single-phase and three-phase options
- Three-phase model manual operation only
- Single-phase models include a control box
- "A" denotes automatic operation and includes a float switch

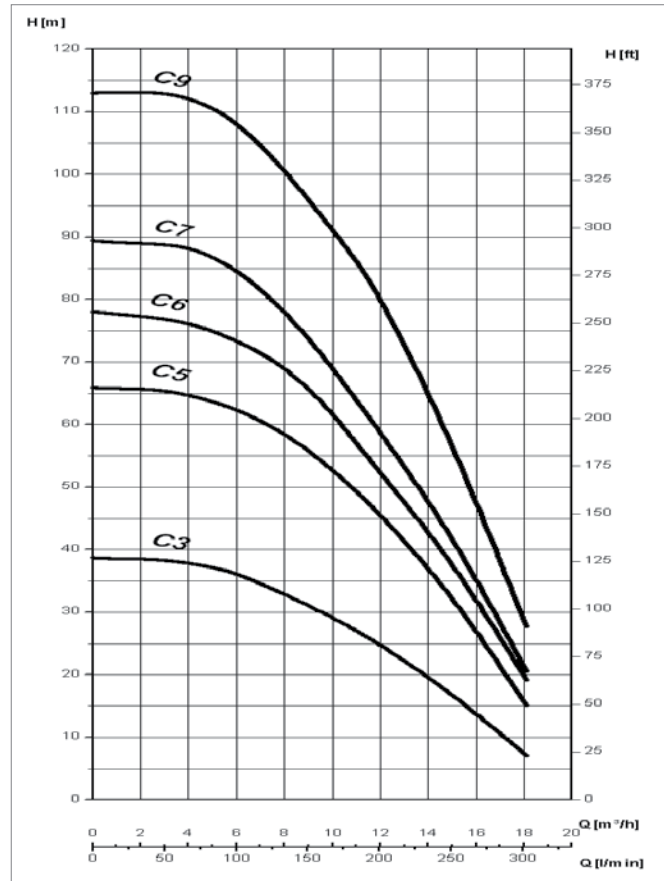
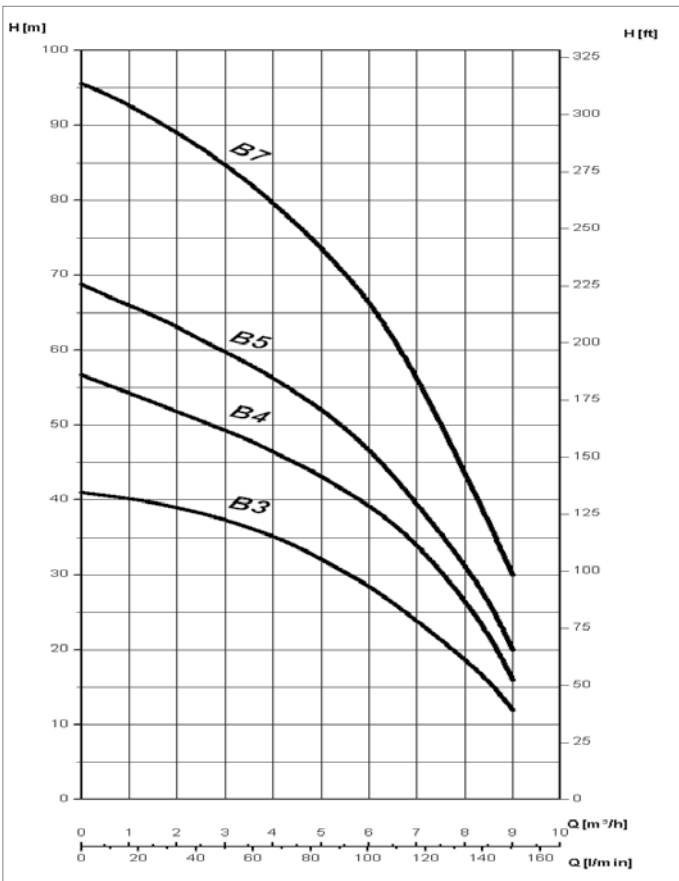


Product Code: SRMB		
Model	kW	240 V 1 Phase 50Hz
MBS-B/3-1	1.00	\$2,264
MBS-B/3-1A	1.00	\$2,360
MBS-B/4-1	1.20	\$2,433
MBS-B/4-1A	1.20	\$2,529
MBS-B/5-1	1.50	\$2,542
MBS-B/5-1A	1.50	\$2,649
MBS-B/7-1	2.20	\$3,051
MBS-C/3-1	1.50	\$2,380
MBS-C/3-1A	1.50	\$2,489
MBS-C/5-1	2.20	\$2,914

\* Single phase model pricing includes control box.

Product Code: SRMB		
Model	kW	415 V 3 Phase 50Hz
MBS-B/3-3	1.00	\$2,107
MBS-B/4-3	1.20	\$2,285
MBS-B/5-3	1.50	\$2,358
MBS-B/7-3	2.20	\$2,543
MBS-C/3-3	1.50	\$2,233
MBS-C/5-3	2.20	\$2,452
MBS-C/6-3	2.80	\$2,594
MBS-C/7-3	3.30	\$2,920
MBS-C/9-3	4.00	\$3,342

Product Code: SRMB		
Model	Control Box	
MBS-B/3-1CB	MBS-B/3-1 Control Box	\$147
MBS-B/4-1CB	MBS-B/4-1 Control Box	\$147
MBS-B/5-1CB	MBS-B/5-1 Control Box	\$184
MBS-B/7-1CB	MBS-B/7-1 Control Box	\$291
MBS-C/3-1CB	MBS-C/3-1 Control Box	\$147
MBS-C/5-1CB	MBS-C/5-1 Control Box	\$291



10.

# 11. Spare Parts

- Mechanical Seals
- Valves and Fittings
- Control Equipment
- O-Rings
- Counterflange Kits



## XBGR / BGR Spare Parts

XBGR 50	Part No	
XBGR50 Mechanical Seal	GLBGF01120077	\$28
XBGR50 SS Impeller	GLBGA03010003	\$66
XBGR50 Injector-Diffuser Kit	GLBGA14050002	\$65
XBGR 50 Casing O-ring	GLBGF02020029	\$7

XBGR75 & XBGR100	Part No	
XBGR75 / XBGR100 Mechanical Seal	GLBGF01150045	\$34
XBGR75 / XBGR100 Injector	GLBGA09090001	\$54
XBGR75 / XBGR100 Diffuser Kit	GLBGA14020001	\$65
XBGR75 / XBGR100 Casing O-ring	GLBGF02020037	\$7
XBGR75 SS Impeller	GLBGA03010001	\$77
XBGR100 SS Impeller	GLBGA03010002	\$77

BGR Series	Part No	
BGR50 Pump Repair Kit	GLBGBGR-05050PRK	\$180
BGR75 Pump Repair Kit	GLBGBGR-07550PRK	\$191
BGR100 Pump Repair Kit	GLBGBGR-10050PRK	\$199

### Mechanical Seals

*Note: If mechanical seals are fitted by BBEA additional charges will apply.*

BGM Series	Part No	
14mm seal suit SM motors Carbon/Ceramic/EPDM	LWSP22.314.70	\$65

CA Series	Part No	
Twin stage rotating std Ceramic/NBR	LWSP22.282.63	\$52
Twin stage stationary std Carbon/NBR	LWSP22.288.61	\$37
Twin stage rotating std Ceramic/VIT	LWSP22.282.67	\$75
Twin stage stationary std Carbon/VIT	LWSP22.288.67	\$71

CEA Series	Part No	
Single-stage 14mm suit SM motors Carbon/Ceramic/VIT	LWSPKL01ABF	\$180
Single-stage 14mm suit SM motors SIC/SIC/VIT	LWSP22.314.88	\$410
Single-stage 14mm suit SM motors TUNG/TUNG/VIT	LWSP22.314.94	\$612

CO Series	Part No	
14mm suit SM motor Carbon/Ceramic/VIT	LWSPKL01ABF	\$180

e-HM Series	Part No	
P Series Compact 1-3-5 VBEGG	LWSPKL01AE9	\$140
S Series Compact 1-3-5 VBEGG	LWSPKL01AE9	\$140
P Series Sleeve 10 VBEGG	LWSPKL01AFN	\$183
S Series Sleeve 1-3-5 VBEGG up to 13 stages	LWSPKL01AFF	\$229
S Series Sleeve 10-15-22 VBEGG up to 8 stages	LWSPKL01AFN	\$183
Full range of HM mechanical seals available upon request.		

HM / HMS Series	Part No	
14mm Seal and O-ring kit, SM motor	LWSP148.992.571	\$193
12mm Seal and O-ring kit, LM motor	LWSP148.992.570	\$184

Upgraded  
seals  
available on  
most pump  
models,  
available  
upon  
request.

**Mechanical Seals (Cont.)**

<b>FHE/FHS Series 2900 rpm</b>	<b>Part No</b>	
FHE32 to FHE65, up to 9.2kW Carbon/Ceramic/NBR	LWSP22.322.00	\$156
FHE40 to FHE80, 15kW to 37kW Carbon/Ceramic/NBR	LWSP22.328.00	\$281
FHE80, from 45kW to 55kW Carbon/Ceramic/NBR	LWSP22.333.00	\$584

<b>FHE/FHS Series 1450 rpm</b>	<b>Part No</b>	
FHE4-32 to 65, up to 1.5kW Carbon/Ceramic/NBR	LWSP22.322.00	\$156
FHE4-40 to 80, 2.2kW to 4kW Carbon/Ceramic/NBR	LWSP22.328.00	\$281
FHE4-65, 2.2kW to 5.5kW Carbon/Ceramic/NBR	LWSP22.328.00	\$281
FHE4-80, 5.5kW to 7.5kW Carbon/Ceramic/NBR	LWSP22.333.00	\$584

<b>FCE/FCS Series 2900 rpm</b>	<b>Part No</b>	
FCE/S40 to FCE/S65, up to 11kW Carbon/Ceramic/NBR	LWSP22.322.04	\$177
FCE/S80, up to 7.5kW complete seal Carbon/Ceramic/NBR	LWSP22.322.04	\$177
FCE/S80, 11kW complete seal Carbon/Ceramic/NBR	LWSP22.328.01	\$330
FCE/S50 to FCE/S100, 15 to 22 kW Carbon/Ceramic/NBR	LWSP22.328.01	\$330

<b>FCE/FCS Series 1450 rpm</b>	<b>Part No</b>	
FCE/S40 to FCE/S65, up to 1.5kW Carbon/Ceramic/NBR	LWSP22.322.04	\$177
FCE/S80, up to 1.1.kW Carbon/Ceramic/NBR	LWSP22.322.04	\$177
FCE/S50 to FCE/S80, 2.2kW to 5.5kW Carbon/Ceramic/NBR	LWSP22.328.01	\$330
FCE/S100, from 1.5kW to 4kW Carbon/Ceramic/NBR	LWSP22.328.01	\$330
FCE/S100, from 5.5kW to 7.5kW Carbon/Ceramic/NBR	LWSP22.333.01	\$388

<b>P Series</b>	<b>Part No</b>	
P16 to P40 rotating 12mm Ceramic	LWSP22.253.06	\$27
P16 to P40 stationary Carbon	LWSP22.260.03	\$27
P60 rotating 12mm Ceramic	LWSP22.253.09	\$27
P60 stationary Carbon	LWSP22.260.04	\$27
P70 rotating Carbon	LWSP22.253.06	\$27
P70 stationary Ceramic	LWSP22.260.03	\$27
PSAM rotating 12mm Ceramic	LWSP22.253.06	\$27
PSAM stationary Carbon	LWSP22.260.03	\$100

<b>SHE/SHS Series 2900 rpm</b>	<b>Part No</b>	
SHE/S32 to SHE/S50, up to 11kW Carbon/Ceramic/MIT	LWSP22.322.01	\$212
SHE/S65, up to 9.2kW Carbon/Ceramic/MIT	LWSP22.322.01	\$212
SHE/S65, 11kW Carbon/Ceramic/MIT	LWSP22.328.02	\$352
SHE/S40 to SHE/S80, 15kW to 22kW Carbon/Ceramic/MIT	LWSP22.328.02	\$352
SHE/S65 to SHE/S80, 30kW to 37kW Carbon/Ceramic/MIT	LWSP22.333.02	\$508

<b>SHE/SHS Series 1450 rpm</b>	<b>Part No</b>	
SHE/S32 to SHE/S50, up to 1.5kW Carbon/Ceramic/MIT	LWSP22.322.01	\$212
SHE/S65, up to 1.1kW Carbon/Ceramic/MIT	LWSP22.322.01	\$212
SHE/S40 to SHE/S50, 2.2kW to 3.0kW Carbon/Ceramic/MIT	LWSP22.328.02	\$352
SHE/S65 to SHE/S80, 1.5kW to 4kW Carbon/Ceramic/MIT	LWSP22.328.02	\$352
SHE/S80, 5.5kW to 7.5kW Carbon/Ceramic/MIT	LWSP22.333.02	\$508

<b>SV Series</b>	<b>Part No</b>	
SV2 to SV4 Silicone Carbide/Carbon/EPDM & O rings	LWSPKL01AAD	\$180
SV8 to SV16 Silicone Carbide/Carbon/EPDM & O rings	LWSPKL01AAE	\$212
SV30 and SV60 Silicone Carbide/Carbon/EPDM	LWSP22.325.50	\$477
SV33 to SV92 Silicone Carbide/Carbon/EPDM	LWSPKL01ACORD	\$553

**Mechanical Seals (Cont.)**

eSV Series	Part No	
1SV to 5SV	LWSPKL01AAD	\$180
10SV to 22SV upto 4kW	LWSPKL01AAE	\$212
10SV to 22SV 5.5kW and above	LWSPKL01AD7	\$358
SV33 to SV92	LWSPKL01ACORD	\$553

GL Series	Part No	
All Series, Carbon/Ceramic/Nitrile	LWSP22.316.00	\$101

Domo Series	Part No	
All Series, Silicone Carbide/Silicone Carbide / Nitrile	LWSP22.314.50	\$154

ISO Series-GISP	Part No	
Frame 1 (32mm) Carbon/Ceramic/Nitrile	GISPK06010000	\$229
Frame 2 (42mm) Carbon/Ceramic/Nitrile	GISPK06010001	\$343
Frame 3 (53mm) Carbon/Ceramic/Nitrile	GISPK06010002	\$385
Frame 4 (60mm) Carbon/Ceramic/Nitrile	GISPK06010003	\$687

**O-Rings**

e-SV Series	Part No	
SV33-46 'O' ring kit	LWSPKL02AAA	\$216
SV66-92 'O' ring kit	LWSPKL02AAC	\$153

P Series	Part No	
Body O-ring P30	LWSP22.215.39	\$19
Body O-ring P40	LWSP22.215.44	\$13
Body O-ring P60, P70 and PSAM	LWSP22.215.47	\$19

C Series	Part No	
Body O-ring for all single-stage	LWSP22.216.38	\$48
Priming plug O-ring suit all	LWSP22.216.03	\$12
Impeller O-ring C70 to C120	LWSP22.216.13	\$20
Impeller O-ring C210 and C370	LWSP22.216.21	\$21
Body O-ring all twin-stage	LWSP22.212.78	\$16
Impeller O-ring all twin-stage	LWSP22.212.23	\$12
Body O-ring CO200	LWSP22.212.75	\$15
Body O-ring CO350 and CO500	LWSP22.216.38	\$48

BGM Series	Part No	
Body O-ring all	LWSP22.212.75	\$14
Impeller O-ring all	LWSP22.212.15	\$12
Jet O-ring all	LWSP22.211.27	\$12
Priming plug O-ring all	LWSP22.210.62	\$12

e-HM Series	Part No	
S Series-Sleeve Design, e-HM 1-3-5, EPDM	LWSPKL02ACE	\$85
S Series-Sleeve Design, e-HM 1-3-5, FPM (Viton)	LWSPKL02ACH	\$142
P Series-Sleeve Design, e-HM 10, EPDM	LWSPKL02ACF	\$85
P Series-Sleeve Design, e-HM 10, FPM (Viton)	LWSPKL02ACK	\$157

SV Series	Part No	
SV2 and SV4 complete kit	LWSP148.992.000	\$206
SV8 complete kit	LWSP148.992.020	\$206
SV16 complete kit	LWSP148.992.030	\$200
SV30 and SV60, 2 to 5-stage kit	LWSP148.992.040	\$155
SV30 and SV60, 5 to 12-stage kit	LWSP148.992.050	\$182

**O-Rings (Cont.)**

e-SV Series	Part No	
SV1-3-5 Standard EPDM Elastomers O-ring kits	LWSPKL02AA1	\$75
SV1-3-5 Standard Viton O-ring kits	LWSPKL02AA2	\$163
SV10-15-22 Standard EPDM Elastomers O-ring kits	LWSPKL02AA4RD	\$94
SV10-15-22 Standard Viton O-ring kits	LWSPKL02AA5	\$184

SHE / SHS Series Casing O-Rings	Part No	
SHE32 & SHE40 125mm nominal impeller	LWSP22.216.88	\$77
SHE25 & SHE50 160mm nominal impeller	LWSP22.216.91	\$77
SHE50 125mm nominal impeller	LWSP22.216.91	\$77
SHE32 & SHE40 200mm nominal impeller	LWSP22.216.94	\$113
SHE50 & SHE65 200mm nominal impeller	LWSP22.216.96	\$182
SHE32-250mm & SHE80 160 & 200mm nominal impeller	LWSP22.216.97	\$175
SHE80 250mm nominal impeller	LWSP22.216.98	\$200

**Valves & Fittings**

Europa Spring-Loaded Check Valves	Part No	
25mm Brass	AKMS70101	\$59
32mm Brass	AKMS70116	\$89
40mm Brass	AKMS70109	\$119
50mm Brass	AKMS70112	\$183

Air Release Valve	Part No	
10mm Brass	AKMS70085	\$78

5-Way Tees	Part No	
25mm Brass	LWSP167.320.240	\$57
25mm 304SS with internal check valve	AKMS70155	\$83
32mm 304SS with internal check valve	AKMS70156	\$120
40mm 304SS with internal check valve	AKMS70157	\$150
50mm 304SS with internal check valve	AKMS70158	\$177

Stainless Hoses M&F 25mm (1") 10 Bar	Part No	
25MM HOSE ASSY S/S 0.5M	AKMS70221	\$114
25MM HOSE ASSY S/S 1.0M	AKMS70222	\$180
25MM HOSE ASSY S/S 1.5M	AKMS70223	\$213

**Pump Testing for Electric Pumps**

Up to 300 l/sec and up to 210 kW. Conducted in Melbourne facility (additional freight charges incurred).

Pump Testing to ISO9906-2018-2B	Part No	
Non-witness test (labour only)	AKMS40000	\$2,638
Witness test (labour only)	AKMS40002	\$4,317
Diesel pump test		P.O.A

**Control Equipment**

Press Control	Part No	
MP Plus Controller 1.5bar 10 Amp 25mm	ADPCMPPLUS-01A15-20	\$237
PresFlo Pressure Controller 2.2kW 1.5bar 16 Amps 25mm	DGPCPF1615P	\$289
PresFlo Pressure Controller 2.2kW 2.2bar 16 Amps 25mm	DGPC1622P	\$291
Mascontrol 16 Amps 32mm	ADPCMASCONTROL	\$594

**Control Equipment (Cont.)**

Pressure Switches	Part No	
Pressure Switch SK-2P 30-50PSI 1Ph 6 bar	AKMS50103	\$37
Pressure Switch 5-Way SK-2B 30-50PSI 1Ph 6 bar	AKMS50104	\$84
Pressure Switch SK-20 20-40PSI 1Ph/3Ph 12 bar	AKMS50105	\$95
Condor MDR2-1100KPA up to 2.2 kW 240 volt	AKMS50117	\$147
Condor MDR3-600KPA up to 2.2 kW 240 volt / 7.5kW 415 volt	AKMS50126	\$331
Condor MDR3-1100KPA up to 2.2 kW 240 volt / 7.5kW 415 volt	AKMS50127	\$352
Condor MDR3-1600KPA up to 2.2 kW 240 volt / 7.5kW 415 volt	AKMS50128	\$358
Condor MDR3-2500KPA up to 2.2 kW 240 volt / 7.5kW 415 volt	AKMS50118	\$441
Condor MDR4-600KPA up to 2.2 kW 240 volt / 5.5kW 415 volt	AKMS50119	\$236
Condor MDR4-1100KPA up to 2.2 kW 240 volt / 5.5kW 415 volt	AKMS50123	\$256
Condor MDR4-1600KPA up to 2.2 kW 240 volt / 5.5kW 415 volt	AKMS50124	\$281

Flow Switches	Part No	
Kelco Flow Switch UB25R 25mm	AKMS50232	\$424
Kelco Flow Switch F-H-25B	AKMS50204	\$479
Kelco Flow Switch F-H-25B-SS	AKMS50207	\$658
Kelco Flow Switch F29S	AKMS50212	\$832
Kelco Pump Controller F60	AKMS50199	\$1,001
Kelco E30 Digital Pressure Switch	AKMS50245	\$867

Float Switches	Part No	
Kelco 4 metre 20 amp Q Series	AKMS50300	\$222
Kelco 6 metre 20 amp Q Series	AKMS50302	\$264
Kelco 10 metre 20 amp Q Series	AKMS50304	\$340
Kelco 15 metre 20 amp Q Series	AKMS50306	\$434
Kelco 20 metre 20 amp Q Series	AKMS50308	\$563
Kelco 30 metre 20 amp Q Series	AKMS50309	\$747
Kelco counter weight QCW	AKMS50310	\$60
Domo Replacement float switch	LWSP159.260.360	\$101

Float Switches	Part No	
10M BLUE FLOAT/BLACK CBL NBR/PVC EGM10	MAC3 EGM10	\$464
20M BLUE FLOAT/BLACK CBL NBR/PVC EGM20	MAC3 EGM20	\$641
20M BLACK CBL NBR/PVC REQ - EX Approved	MAC3 EGMATEX	\$798
FLOAT SWITCH 3M MAC3	MAC3 50319	\$85
FLOAT SWITCH 5M MAC3	MAC3 50321	\$110
FLOAT SWITCH 10M MAC3	MAC3 50322	\$165
FLOAT SWITCH 20M MAC3	MAC3 50323	\$289
FLOAT SWITCH COUNTER WEIGHT MAC3	MAC3 50318	\$16

Pressure Gauges	Part No	
0 to 600 kPa plain 63mm	AKMS50340	\$36
0 to 800 kPa plain 63mm	AKMS50342	\$36
0 to 1600 kPa plain 63mm	AKMS50350	\$36
0 to 600 kPa liquid-filled 63mm	AKMS50360	\$56
0 to 1100 kPa liquid-filled 63mm	AKMS50364	\$56
0 to 1600 kPa liquid-filled 63mm	AKMS50370	\$56
0 to 2500 kPa liquid-filled 63mm	AKMS50372	\$56
0 to 4000 kPa liquid-filled 63mm	AKMS50374	\$56

## Counterflange Kits

**NOTE: Counterflange Kits comprise of two flanges to suit pump port sizes, gaskets and bolts**

<b>LNE Series–PN16 Pressed Steel Zinc-Plated Threaded Flanges</b>				
40mm	Suit LNE40	LWSV109.398.020		\$197
50mm	Suit LNE50	LWSV109.398.030		\$220
65mm	Suit LNE65	LWSV109.392.710		\$236
80mm	Suit LNE80	LWSV109.392.720		\$292
100mm	Suit LNE100	LWSV109.392.730		\$323

<b>e-SV Series–PN25 Pressed Steel Zinc-Plated Threaded Flanges</b>				
25mm 4 holes	1eSV to 3eSV	LWSV109.398.000		\$147
32mm 4 holes	5eSV	LWSV109.398.010		\$184
40mm 4 holes	10eSV	LWSV109.398.020		\$197
50mm 4 holes	15eSV to 22eSV	LWSV109.398.030		\$220

<b>SV Series–PN16 Pressed Steel Zinc-Plated Threaded Flanges</b>				
65mm 4 holes	Suit SV33	LWSV109.392.710		\$236
80mm 8 holes	Suit SV46	LWSV109.392.720		\$292
100mm 8 holes	Suit SV66/92	LWSV109.392.730		\$323

<b>eSV Series–PN16 304 Stainless Steel Threaded Flanges</b>				
25mm 4 holes	1eSV to 3eSV	LWSV109.398.001		\$187
32mm 4 holes	Suit 5eSV	LWSV109.398.011		\$253
40mm 4 holes	Suit 10eSV	LWSV109.398.021		\$304
50mm 4 holes	Suit 15eSV to 22eSV	LWSV109.398.031		\$335

<b>eSV Series–PN25 Pressed 316 Stainless Steel Threaded Flanges</b>				
25mm 4 holes	1eSV to 3eSV	LWSV 109.398.002		\$375
32mm 4 holes	5eSV	LWSV 109.398.012		\$485
40mm 4 holes	10eSV	LWSV 109.398.022		\$637
50mm 4 holes	15eSV to 22eSV	LWSV 109.398.032		\$686

<b>SV Series–PN16 Pressed 316 Stainless Steel Flanges</b>				
65mm	Suit SV33	LWSV109.392.750		\$880

<b>IR Series–PN16 Pressed Steel Zinc-Plated Threaded Flanges</b>				
32mm	Suits IR32	LWFH109.390.461		\$183
40mm	Suits IR40	LWFH109.390.471		\$197
50mm	Suits IR50	LWFH109.390.481		\$201
65mm	Suits IR65	LWFH109.390.491		\$220

<b>SHE &amp; SHS Series–PN16 Pressed 316 Stainless Steel Threaded Flanges</b>				
32mm	Suit SHE/SHS32	LWSH109.390.521		\$540
40mm	Suit SHE/SHS40	LWSH109.390.531		\$587
50mm	Suit SHE/SHS50	LWSH109.390.541		\$623
65mm	Suit SHE/SHS65	LWSH109.390.551		\$793
80mm	Suit SHE/SHS80	LWSH109.390.561		\$1,036

<b>Ecocirc XL &amp; XL Plus</b>				
For threaded DN32/RP 1 1/4", PN6, Fe/Zn 8-ISO 2081		LWCI109.395.700		\$216
For threaded DN40/RP 1 1/2", PN6, Fe/Zn 8-ISO 2081		LWCI109.395.710		\$228
For threaded DN50/RP 2", PN6, Fe/Zn 8-ISO 2081		LWCI109.395.720		\$236
For threaded DN65/RP 2 1/2", PN6, Fe/Zn 8-ISO 2081		LWCI105.395.730		\$264
For threaded DN80/RP 3", PN6, Fe/Zn 8-ISO 2081		LWCI109.395.740		\$297
For threaded DN100/RP 4", PN6, Fe/Zn 8-ISO 2081		LWCI109.395.750		\$355

## 12. Useful Information

- Warranty, Claims & Returns
- Water Use Guides
- Friction Loss Tables
- Terms and Conditions of Trade
- Goods Return Form
- Decontamination Declaration Form



## Warranty, Claims & Returns

### WARRANTY

All products have a one year warranty unless stated otherwise in this price list. Warranty covers products and material defects and does not cover wear and tear.

### WARRANTY CLAIM RETURNS

All items returned to BBEA must be accompanied with a completed Goods Return Form (GRF) and where the pump has been in contact with anything other than clean water a completed Pump Repair Safety Declaration Form. Both forms are available in the back of this price list.

Products returned without the appropriate paperwork will be rejected and return to the purchaser at their expense.

### RESTOCKING AND ADMINISTRATION FEE

With exception of faulty or defective items supplied by BBEA, all goods returned are subject to a 15% restocking and administration fee. Goods returned 6 months after their invoice date are subject to a 30% restocking and administration fee.

All items returned must have prior approval (which is at BBEAs discretion) and be accompanied with a completed Goods Return Form (GRF). Product returned without GRF documentation will be rejected and returned to the purchaser at their expense. The GRF is printed in the back of the price list.

BBEA will not accept returns that are not in “as new and saleable” condition, products that have been used in any way, or have been unpacked and the packaging is damaged, or are missing components, will be rejected and returned to the purchaser at their expense.

Items that are built to order or are “non stocked” special order items will not be accepted for return.

## Freight Charges

Products in this price list are supplied Free to Store (FTS) from any Brown Brothers Engineers Australia warehouse to the account holders place of business with the exception:

- Orders less than \$300 nett
- ISO Pumps
- Smart Pump booster systems
- SteadyPres booster systems
- Pressure Pac booster systems
- Hydro Pac booster systems
- Flygt Grinder Series
- Flygt N Series
- Flygt Accessories
- Flygt Mixers
- Flygt Monitoring and Control range
- Saer motors
- Tanks 60L and above
- Pump covers

There is no minimum order amount. Freight will be charged on orders that do not meet the FTS criteria.

## Pictures/Images

Pictures and images in this pricelist are a visual guide only and do not necessarily depict the product described in its entirety.

## Performance Curves

The curves in this pricelist are for reference only. Final selection should always be made from the individual product performance charts.

## Water Usage Guides / Friction Loss Tables

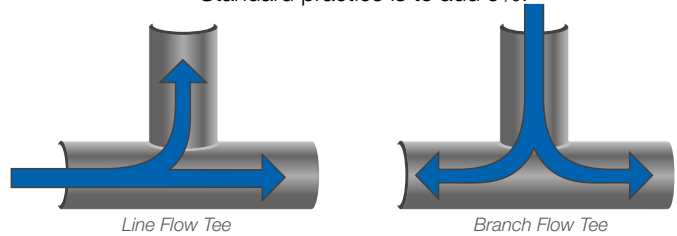
### Water Usage Guide

Application	Litres
Weekend cottage	10 to 20 L/min
Small home	20 to 30 L/min
Average home	30 to 50 L/min
Large home	50 to 90 L/min
Standard shower head	15 L/min
Water saving shower head	6-7 L/min
Household standard tap	10-15 L/min
Tap with aerator or flow restrictor	4-6 L/min
Lawn sprinkler	10-15 L/min
½" Garden tap	45 L /min at 140 kPa
¾" Garden tap	75 L /min at 140 kPa
Cattle	35 - 60 L /day
Milking cows	100 - 150 L /day
Horses	50 - 60 L /day
Sheep	4 - 9 L /day
Pigs	9 L /day
100 Chickens	23 L/day

### Pipe Fittings Friction Loss

**Quick method:** Calculate the friction loss using pipe only and add 20%.

**Normal method:** Establish the number of pipe fittings and their equivalent pipe lengths, add this to pipe from the table, determine the friction loss. Standard practice is to add 5%.



Size (mm)	Foot valve or check valve	Reducer D/d=2/1	90° Elbow	90° Bend	Gate Valve	Line Flow Tee	Branch Flow Tee
	Head Loss						
20	9	0.23	0.5	0.4	0.13	1.4	2.4
25	10	0.28	0.8	0.5	0.17	1.8	3.1
32	12	0.36	1	0.6	0.22	2.2	3.8
40	15	0.46	1.3	0.8	0.28	2.8	4.8
50	20	0.57	1.6	1	0.35	3.5	6
80	31	0.8	2.5	1.6	0.56	5.5	9.4
100	40	1.2	3.3	2	0.7	7	12

### Friction Loss Tables

**POLYETHYLENE PIPE RURAL - Based on AS 2698.2-2000. Based on nominal bore.**

Flow Rate			19mm	25mm	32mm	40mm	50mm	63mm	75mm
			¾"	1"	1 ¼"	1 ½"	2"	2 ½"	3"
lps	lpm	gpm	Friction Loss (*m/100 meters of pipe)						
0.1	6	1	1.18	0.31	0.11				
0.2	12	3	3.92	1.01	0.35	0.15			
0.3	18	4	7.97	2.05	0.71	0.30	0.08	0.04	
0.5	30	7	19.62	5.02	1.74	0.72	0.18	0.11	0.05
0.7	42	9	35.67	9.09	3.15	1.30	0.33	0.19	0.09
0.9	45	12	55.87	14.20	4.91	2.03	0.51	0.30	0.13
1	60	13		17.13	5.92	2.44	0.52	0.36	0.16
1.2	7.2	16		23.71	8.19	3.37	0.85	0.50	0.22
1.4	84	18		31.24	10.77	4.43	1.12	0.65	0.29
1.6	96	21		39.69	13.67	5.62	1.41	0.83	0.36
1.8	108	24			16.88	6.94	1.74	1.02	0.45
2	120	26			20.38	8.37	2.10	1.23	0.54
2.5	150	33			30.43	12.48	3.13	1.83	0.80
3	180	40			42.26	17.31	4.33	2.53	1.10
3.5	210	46				22.84	5.71	3.33	1.45
4	240	53				29.06	7.25	4.23	1.84
4.5	270	59				35.95	8.96	5.22	2.28
5	300	66				43.50	10.83	6.31	2.75
5.5	330	73					12.86	7.49	3.26
6	360	79					15.04	8.76	3.81
7	420	92					19.87	11.56	5.03
8	480	106					25.31	14.72	6.40
9	540	119					31.34	18.21	7.91
10	600	132					37.95	22.05	9.57
11	660	145						26.21	11.37
12	720	158						30.70	13.31
13	780	172						35.52	15.39
14	840	185							17.61
15	900	198							19.96

12.

POLYETHYLENE PIPE METRIC - PN12.5(PE100) Based on AS 4130-2009.								
Flow Rate			OD 25mm	OD 32mm	OD 40mm	OD 50mm	OD 63mm	OD 75mm
			PN 12.5	PN 12.5	PN 12.5	PN 12.5	PN 12.5	PN 12.5
			PE 100	PE 100	PE 100	PE 100	PE 100	PE100
lps	lpm	gpm	Friction Loss (*m/100 meters of pipe)					
0.1	6	1	0.74	0.23				
0.2	12	3	2.44	0.76	0.26	0.09		
0.3	18	4	4.96	1.53	0.52	0.18	0.06	
0.5	30	7	12.18	3.75	1.28	0.44	0.15	0.06
0.7	42	9	22.11	6.79	2.30	0.79	0.26	0.11
0.9	54	12	34.36	10.59	3.59	1.22	0.41	0.18
1	60	13	41.77	12.78	4.33	1.47	0.49	0.21
1.2	72	16	57.89	17.68	5.98	2.03	0.68	0.29
1.4	84	18	76.36	23.29	7.86	2.67	0.89	0.38
1.6	96	21		29.57	9.98	3.39	1.13	0.48
1.8	108	24		36.53	12.31	4.18	1.39	0.60
2	120	26		44.15	14.87	5.04	1.68	0.72
2.5	150	33		66.00	22.18	7.51	2.50	1.07
3	180	40			30.79	10.41	3.44	1.48
3.5	210	46			40.66	13.73	4.55	1.96
4	240	53			51.76	17.46	5.78	2.47
4.5	270	59			64.07	21.59	7.14	3.05
5	300	66				26.12	8.63	3.68
5.5	330	73				31.03	10.25	4.37
6	360	79				36.33	11.99	5.11
7	420	92				48.05	15.84	6.74
8	480	106					20.17	8.58
9	540	119					24.97	10.61
10	600	132					30.23	12.84
11	660	145						15.26
12	720	158						17.87
13	780	172						20.66

PVC PIPE METRIC - PN9 PN12 Based on AS 1477-2006. Based on nominal bore.																
Flow Rate			25mm	25mm	32mm	32mm	40mm	40mm	50mm	50mm	65mm	65mm	80mm	80mm	100mm	100mm
			PN9	PN12	PN9	PN12	PN9	PN12	PN9	PN12	PN9	PN12	PN9	PN12	PN9	PN12
lps	lpm	gpm	Friction Loss (*m/100 meters of pipe)													
0.1	6	1	0.13	0.14												
0.2	12	3	0.42	0.47	0.14	0.16										
0.3	18	4	0.86	0.96	0.28	0.32	0.15	0.17								
0.5	30	7	2.10	2.34	0.69	0.78	0.36	0.42	0.12	0.14						
0.7	42	9	3.79	4.23	1.25	1.41	0.65	0.75	0.22	0.26						
0.9	54	12	5.91	6.60	1.94	2.20	1.02	1.17	0.35	0.40	0.12	0.14				
1	60	13	7.12	7.96	2.34	2.65	1.22	1.41	0.42	0.48	0.15	0.17				
1.2	72	16	9.85	11.01	3.23	3.66	1.69	1.95	0.58	0.66	0.20	0.23				
1.4	84	18	12.96	14.49	4.24	4.81	2.22	2.56	0.76	0.86	0.26	0.30	0.12	0.14		
1.6	96	21	16.46	18.60	5.38	6.10	2.81	3.24	0.96	1.09	0.33	0.38	0.15	0.17		
1.8	108	24	20.32	22.72	6.64	7.53	3.46	4.00	1.18	1.35	0.41	0.47	0.19	0.21		
2	120	26	24.54	27.44	8.01	9.09	4.18	4.82	1.43	1.63	0.49	0.56	0.22	0.24	0.07	0.08
2.5	150	33			11.94	13.55	6.22	7.18	2.12	2.42	0.73	0.84	0.33	0.38	0.10	0.11
3	180	40			16.56	18.80	8.62	9.95	2.93	3.35	1.01	1.16	0.46	0.53	0.14	0.16
3.5	210	46			21.86	24.81	11.37	13.13	3.86	4.41	1.33	1.53	0.60	0.69	0.18	0.21
4	240	53			27.81	31.57	14.45	16.69	4.91	5.60	1.69	1.94	0.76	0.88	0.21	0.26
4.5	270	59					17.87	20.64	6.06	6.92	2.09	2.39	0.94	1.08	0.28	0.32
5	300	66					21.61	24.96	7.33	8.37	2.53	2.89	1.14	1.31	0.34	0.39
5.5	330	73					25.67	29.66	8.70	9.93	3.00	3.43	1.35	1.55	0.40	0.46
6	360	79							10.18	11.62	3.50	4.01	1.58	1.81	0.47	0.54
7	420	92							13.44	15.35	4.62	5.29	2.08	2.39	0.62	0.71
8	480	106							17.11	19.54	5.88	6.72	2.64	3.03	0.79	0.90
9	540	119							21.18	24.19	7.27	8.32	3.27	3.75	0.97	1.11
10	600	132							25.64	29.29	8.79	10.06	3.95	4.54	1.18	1.35
11	660	145									10.45	11.96	4.69	5.39	1.40	1.60
12	720	158									12.23	14.00	5.49	6.30	1.63	1.87
14	840	185									16.18	18.52	7.26	8.33	2.16	2.47
16	960	211									23.45	26.86	10.46	12.03	3.08	3.53
20	1200	264											15.56	17.90	4.57	5.24
24	1440	317											21.54	24.79	6.32	7.25

## Terms and Conditions of Trade

To the fullest extent legally possible all contracts, dealings and/or arrangements made between BBEA and the Customer relating to the Goods are subject to the following Terms and Conditions of Trade unless otherwise agreed in writing.

### 1. Definitions:

In these Terms, unless the context otherwise requires:

- (a) "Accession" means any of the Goods which are installed in, or affixed to, other goods, and excludes Processed Goods;
- (b) "ACL" means Australian Consumer Law Schedule of the Competition and Consumer Act 2010 (C'th);
- (c) "Amount Owing" means at any time all amounts payable by the Customer to BBEA at that time in connection with the Goods whether or not due for payment under these Terms;
- (d) "BBEA" means Brown Brothers Engineers Australia Pty Ltd ABN 79 064 496 813;
- (e) "BBEA Group" means BBEA and each of its subsidiaries, associated companies and related entities;
- (f) "Contract" means:
  - (i) the 'Application for Commercial Credit Amount' on page 1 (if applicable);
  - (ii) the Order;
  - (iii) the quotation issued under clause 6;
  - (iv) these Terms; and
  - (v) the 'Agreement to Guarantee and Indemnity' attached to these Terms (if applicable);
- (g) "Consequential Loss" means any:
  - (i) loss or damage, not arising naturally or directly (that is, according to the usual course of things) from the relevant breach, act or omission, whether or not that loss or damage may reasonably be supposed to have been in the contemplation of the parties, when they entered the Contract, as the probable result of that breach, act or omission; or
  - (ii) loss of revenue, profit, opportunity, business, goodwill or reputation; failure to realise anticipated savings; loss or corruption of data; downtime costs; damage to credit rating; or penalties payable under contracts other than Contract (in each case, whether direct or indirect).
- (h) "Control" has the meaning given to that term in Section 50AA(1) of the Corporations Act 2001 (Cth);
- (i) "Customer" means the customer specified in the 'Application for Commercial Credit Amount' on page 1 (or if there is no such application, the person or entity placing the Order, or on whose behalf the Order is placed, with BBEA);
- (j) "Estimated Delivery Timeframe" means the estimated delivery timeframe for the Goods agreed between the Customer and BBEA in writing;
- (k) "Goods" means any goods, products and/or materials supplied, or to be supplied, by BBEA to the Customer pursuant to a binding Order;
- (l) "Order" has the meaning given to it in clause 5(c);
- (m) "PPSA" means the Personal Property Securities Act 2009 (C'th);
- (n) "Processed Goods" means Goods which after their delivery, become part of a product or mass by being manufactured, processed, assembled, commingled or otherwise dealt with in such a way that their identity is lost in the product or mass;
- (o) "Terms" means these terms and conditions of trade;
- (p) the terms "financing statement", "proceeds", "purchase money security interest", "security agreement", "security interest" and "verification statement" have the respective meanings given to them under, or in the context of, the PPSA.

### 2. Payments:

- (a) Payment is to be by cash, cheque, or electronic funds transfer without set-off or deduction of any kind, within 30 days from the end of month in which the invoice was issued.
- (i) BBEA will apply a payment received from the Customer to the specific Amount Owing indicated by the Customer when making the payment, or otherwise to the oldest debt (if applicable).
- (ii) The Customer will be charged a dishonour fee equal to the actual fee charged by a bank to BBEA if a payment made by the Customer under this clause is dishonoured due to the fault of the Customer.
- (iii) Interest is payable on overdue accounts at a rate prescribed under the Penalty Interest Rates Act 1983 (Vic) on a simple interest basis.

### 3. Warranties:

- (a) To the extent permissible at law (including under ACL) all Goods sold by BBEA carry a warranty against defects and unless otherwise specified before an Order becomes binding under these Terms, this warranty shall extend for a period:
  - (i) of 12 months from the date of invoice; or
  - (ii) such longer contractual warranty period as provided to BBEA by the supplier of the Goods to BBEA.

(b) BBEA shall not be liable under clause 3(a)

- (i) where the Customer has altered or modified the Goods, misapplied the Goods, or has subjected them to any unusual or non-recommended use, servicing or handling;
- (ii) for loss caused by any factors beyond BBEA's reasonable control;
- (iii) for second hand goods (provided that the Customer is made aware that the Goods it is acquiring are second hand goods);
- (iv) where the terms of any written warranty or any manufacturers' handbook provided to the Customer has not been complied with and such non-compliance has contributed to the loss;
- (v) where electrical Goods have not been used on the correct electrical current or not in the manner or not for the duty recommended by BBEA;
- (vi) for failure or damage to pumping equipment caused by sand or any abrasive material; or
- (vii) for repairs or jobs using Customer supplied material.

### 4. Returns:

BBEA may in its absolute discretion accept non-defective goods for return within fifteen (15) days of the Delivery date in which case BBEA may require the Customer to pay handling and /or a restocking fee up to twenty percent (20%) of the value of the returned Goods plus any freight costs.

### 5. Placement of Orders:

- (a) The Customer acknowledges that each binding Order constitutes a security agreement on the terms set out in these Terms, and that BBEA may register a financing statement (or comparable notice in any other relevant jurisdiction) on behalf of itself in respect of the security interests provided for by the Orders and these Terms.
- (b) An order or an offer to purchase Goods ("Order") can be made by the Customer in writing or verbally.
- (c) The Customer agrees that if the Goods which are the subject of an Order, are being acquired for a purpose other than the stated or usual purpose (including, but not limited to, use as a component part of another product) or are required by the Customer to possess special characteristics, the Customer must specify that purpose or those characteristics in any such Order.
- (d) These Terms apply to every Order that becomes binding under clause 6 unless otherwise agreed in writing by BBEA and the Customer.

### 6. Purchase Price and Quotations:

- (a) Following receipt of an Order under clause 5, BBEA will provide the Customer with a written quotation under this clause 6 setting out the fees, charges, collection point (if applicable), confirmation of delivery address (if applicable) and Estimated Delivery Timeframe applicable to the Order.
- (b) In the quotation, BBEA must also notify the Customer on writing if any or all of the following will apply to the Order:
  - (i) payment in advance;
  - (ii) a deposit;
  - (iii) progress payment; or
  - (iv) a letter of credit.
- (c) An Order becomes binding on the Customer and BBEA if the Customer accepts the quotation in writing or verbally.
- (d) The price for Goods will be as quoted to the Customer in writing under clause 6(a) unless otherwise agreed by the parties in writing.
- (e) BBEA may withdraw any quotation before it is accepted by the Customer in accordance with this clause 6, and in any event, any quotation will lapse without notice 30 days after it is issued to the Customer in writing if not accepted prior.
- (f) Unless otherwise specified, BBEA's prices and charges stated in the quotation are exclusive of sales tax, GST and government imposts and do not include delivery.

### 7. Delivery:

- (a) If a Customer requests that BBEA delivers the Goods to the Customer, BBEA may, in its discretion, provide a quote to the Customer to deliver the Goods to the Customer at a specified address, and such quote will be included in the quotation provided by BBEA under clause 6.
- (b) BBEA will use its best endeavours to deliver the Goods (if BBEA's quote for delivering the Goods has been accepted by the Customer) or make the Goods available for collection by the Customer within the Estimated Delivery Timeframe. However, the Customer acknowledges and agrees that the Estimated Delivery Timeframe is an estimate only

and may need to be updated by BBEA. If the Estimated Delivery Timeframe does need to be updated by BBEA, BBEA will notify the Customer in writing as soon as is practicable. If the Goods cannot be delivered within 14 days of the Estimated Delivery Timeframe, the Customer may cancel the Order and in such circumstances the Customer will be entitled to a full refund of all amounts paid to BBEA in respect of the Order.

(c) Goods will be delivered to the Customer if:

(i) the Customer and BBEA have agreed for BBEA to deliver the Goods to the Customer, on receipt of the Goods by the Customer; or  
(ii) if the Customer will collect the Goods from BBEA, on collection of the Goods by the Customer.

(d) If the Customer is to collect the Goods from BBEA, BBEA will notify the Customer in writing of the date on which the Goods will be ready for collection, or when BBEA will be able to provide an estimate (if they require confirmation from the manufacturer).

(e) If the Customer does not collect the Goods within 15 days of the notified date or, if BBEA is to deliver the Goods and the delivery address is unattended at the agreed date (and is not attended upon BBEA taking reasonable steps to contact the Customer) or the Customer unreasonably refuses to take delivery of the Goods, the Customer agrees to pay BBEA's reasonable costs of holding or handling Goods until such time as the Goods are collected by the Customer or alternative arrangements for delivery are agreed by the Customer and BBEA. Such costs:

(i) must be reflective of BBEA's actual costs incurred in holding and handling the Goods; and

(ii) will be capped at \$20 per day.

(f) BBEA may invoice the Customer for Goods that are ready for delivery, notwithstanding that the Customer may have requested BBEA to delay delivery or collection.

(g) Subject to clause 3 and clause 5, the Customer must take reasonable steps to inspect the Goods upon delivery, and must notify BBEA of any claim for defective Goods in writing within seven days of becoming aware of the defect.

#### 8. Credit Limit:

BBEA can vary or withdraw a Customer's credit facility or limit on 30 days prior written notice. However, if BBEA has reasonable grounds to be concerned about the Customer's ability or willingness to pay its debts as and when they fall due, BBEA can vary or withdraw a Customer's credit facility or limit on a shorter notice period, provided the shorter notice period is reasonable in the circumstances.

#### 9. Variation and Cancellation:

(a) Subject to (b), variation or cancellation of any Order, Contract, dealing or arrangement by the Customer must be on terms agreed in writing by BBEA (acting reasonably).

(b) A Customer may, without charge or penalty, cancel an Order by written notice to BBEA if BBEA has not commenced fulfilling the Order. In such circumstances, all amounts paid by the Customer to BBEA in respect of the cancelled Order must be refunded.

#### 10. Partial Delivery, Forward Orders:

If the Customer places forward Orders or requests partial or instalment delivery, the Customer agrees to pay for so much of any Order as is from time to time delivered by BBEA subject to receipt of a valid invoice.

#### 11. Product:

BBEA may update, modify, make substitution or alter any of its Goods or any component or raw material incorporated in or used in forming any part of any Goods as part of its ongoing business on 10 days written notice to the Customer. The Customer is not obliged to accept updated, modified, substituted or altered Goods in substitution of any Goods ordered by the Customer unless the Customer has consented to receiving the updated, modified, substituted or altered Goods in writing.

(b) To the extent permissible at law (including under the ACL), BBEA disclaims any responsibility or liability relating to any Goods to the extent that the loss is caused by:

(i) designs, drawings, specifications or measurements etc. or materials provided or approved by or on behalf of the Customer; and/or

(ii) the Customer, or a third party authorised by the Customer, incorrectly using, sorting or handling the Goods.

(c) The Customer must not alter, modify or use Goods in contravention of BBEA's instructions, or manufacturer guidelines.

#### 12. Intellectual Property:

(a) The Customer must not advertise, use or represent any intellectual property of BBEA or of any Goods themselves in any way without the prior written consent of BBEA.

#### 13. Default:

(a) If a party (Defaulting Party):

(i) becomes insolvent or ceases to conduct its business as a going concern, or applies for or consents to or otherwise obtains the appointment of a receiver, trustee, administrator, liquidator or similar appointment to the Defaulting Party or assets of the Defaulting Party, or if proceedings are instituted under any applicable insolvency law; or  
(ii) commits any breach of the Terms and such breach has not been cured within 10 Business Days (or such longer period as may be reasonable in the circumstances) from the date of the other party (Non-Defaulting Party) providing written notice of such breach to the Defaulting Party,

(iii) then the Non-Defaulting Party may terminate the Contract with immediate effect.

(b) If the Contract ends:

(i) all amounts due to BBEA for Goods delivered are immediately due, and are payable on the later of 5 Business Days of the end of the Contract and BBEA issuing a final invoice;

(ii) in relation to Goods ready for delivery, the Customer must collect the Goods within 5 Business Days, and pay for the Goods on the later of 5 Business Days of the end of the Contract and BBEA issuing a final invoice;

(iii) in relation to Goods that are subject to binding Orders but are not ready for delivery, BBEA will cease preparing those Goods and the relevant Orders will be cancelled;

(iv) where BBEA is storing the Customer's Goods which are ready for collection, the Customer must collect the Goods within 5 Business Days; and

(v) each party may pursue any other remedy available to it at law or in equity, and each such right and remedy may be enforced concurrently with any other right or remedy.

(vi) Guarantee:

Unless otherwise agreed in writing by BBEA, the Customer agrees to procure each of its directors to execute an agreement to guarantee and indemnify in favour of BBEA and in the form attached to these Terms to be returned to BBEA at the same time as the signed 'Application for Commercial Credit Amount' on page 1 (if applicable).

#### 14. No Merger:

Termination of these Terms, a Contract and/or dealings between the Customer and BBEA will not end those provisions of these Terms that are capable of surviving termination.

#### 15. Jurisdiction:

All Contracts are governed by the laws of the state of Victoria and the parties submit to the non-exclusive jurisdiction of the appropriate courts in Victoria.

#### 16. Force Majeure:

A party (Affected Party) will not be in default or breach of any dealings with the other party as a result of a force majeure event (i.e. anything beyond that party's reasonable control) (Force Majeure Event). While the Force Majeure Event is continuing the Affected Party must take all reasonable steps to minimise the duration of the Force Majeure Event and avoid or mitigate the effects of, and any loss suffered or incurred by it or the other party as a result of, the Force Majeure Event. If that failure or delay the Force Majeure Event prevents performance under this Agreement for a period that exceeds 90 days, either party may terminate the Contract by giving written notice. This clause does not apply to any obligation to pay money.

#### 17. Waiver:

If a party elects not to exercise any rights arising as a result of breach of these Terms or a Contract it will not constitute a waiver of any rights relating to any subsequent or other breach.

#### 18. Severability:

If a provision of these Terms or a Contract would but for this clause, be unenforceable, that provision must be read down to that extent necessary to avoid that result and if that provision cannot be read down to that extent, it must be severed without altering the validity and enforceability of the remainder of these Terms and Contract.

#### 19. Privacy disclosure and consent:

The Customer authorises BBEA to:

(a) obtain credit information about its personal, consumer and commercial credit worthiness from any bank or trade referee disclosed in any an application for commercial credit with BBEA completed by it and provided to BBEA and from any other credit provider or credit reporting agency for the purpose of assessing its application, or in connection with any guarantee given by the Customer;

(b) use, disclose or exchange with other credit providers and other members of the BBEA Group information about the Customer's credit

arrangements as reasonably required to assess its application for credit, monitor credit worthiness and collect overdue accounts; and (c) disclose the contents of any credit report on the Customer to any related entities of BBEA, and any of their solicitors, professional advisors or mercantile agents (on a confidential and need to know basis, in connection with the execution or enforcement of this Contract), in accordance with BBEA's privacy policy.

#### 20. All Divisions:

The Customer agrees that these Terms will apply to all dealings between the Customer and BBEA and any part or member of the BBEA Group and will be deemed incorporated into all Contracts unless expressly agreed in writing otherwise by BBEA.

#### 21. Recalls:

In the event of a product recall the Customer must promptly give BBEA such assistance as BBEA reasonably requires in relation to that recall at BBEA's cost.

#### 22. Exclusions:

(a) The Customer must make its own enquiries in relation to the suitability of the Goods for the Customer's purposes.

Neither party is liable to the other party for any Consequential Loss incurred by it in connection with these Terms, the Contract or the Goods.

#### 23. Retention of Title and liability for Goods:

(a) Immediately upon delivery, the Customer accepts risk and liability for the Goods.

(b) BBEA retains legal and equitable title in any Goods supplied, or to be supplied, to the Customer until full payment of the purchase price of the Goods has been received by BBEA. Until such full payment has been received, the following terms apply:

(i) Notwithstanding that title in the Goods remains with BBEA until full payment, the Customer may sell or use the Goods in the ordinary course of the Customer's business. As between the Customer and the purchaser of any item of the Goods, the Customer sells as principal and not as agent of BBEA.

(ii) Until Goods are sold (if applicable), the Customer must take all reasonable steps to keep the Goods safe and free from deterioration, destruction, loss or harm, clearly designate the Goods as the property of BBEA, store them in such a way they are clearly identified as the property of BBEA and keep full and complete records, firstly, of the physical location of the Goods and, secondly, the ownership of the Goods by BBEA.

(iii) If BBEA is entitled to terminate the Contract, BBEA may, on prior written and reasonable notice to the Customer, and before the sale of any item of Goods by the Customer, recover and retake possession of such Goods and otherwise exercise in relation to the Goods, any of its rights whether those rights are as owner and/or unpaid seller or otherwise and whether those rights are conferred by common law, contract, statute or in any other way. In order to exercise such entitlement, BBEA and its agents are authorised by the Customer to enter any of the Customer's premises on prior written and reasonable notice to the Customer. BBEA and its agents agree to follow all reasonable directions provided by the Customer in relation to accessing its premises, and safety at its premises. BBEA and its agents agree to take all reasonable care in removing the Goods from such premises.

(iv) The Customer may only install or affix the Goods to other goods (so that they become an Accession to those other goods) or use or permit the Goods to be manufactured, processed, assembled, commingled or otherwise dealt with (so that they become Processed Goods) in the ordinary course of its normal business.

(v) The reservation of title and ownership under this clause 24 is effective whether or not the Goods have been altered from their supplied form, or commingled with other goods.

#### 24. Security:

(a) The Customer grants to BBEA a security interest in the Goods to secure payment of the Amount Owing. The security interest extends to and continues in all proceeds, Accessions and Processed Goods, and is a purchase money security interest to the extent to which it secures payment of that part of the Amount Owing which comprises the aggregate unpaid purchase price of the Goods.

The Customer consents to BBEA effecting a registration on the PPSA register (in any manner BBEA considers appropriate) in relation to any security interest contemplated by these Terms and further agrees:

(i) to do all things reasonably necessary and required by BBEA to make sure that the security interest is registerable; and  
(ii) that it must not do, or permit anything to be done by its affiliates, that may result in the purchase money security interest granted to

BBEA ranking in priority behind any other security interest.

(b) To the extent that the Goods are for the Customer's business use, the Customer agrees to the extent permitted under the PPSA, that the Customer has no right:

(i) to receive notice of removal of an accession under the PPSA; or  
(ii) under Chapter 4 of the PPSA.

(c) Unless otherwise agreed to in writing by BBEA, the Customer waives its right to receive a verification statement in accordance with section 157 of the PPSA.

(d) The Customer must not assign or grant a security interest in respect of any accounts owed to it in relation to the Goods where there is an Amount Owing without BBEA's prior written consent.

#### 25. Building and General:

The rights, powers and remedies available to either party under these Terms are in addition to and are not in derogation of the parties' powers, rights and remedies existing at common law, or given by any law at any time in force (including but not limited to the Building and Construction Industry Security of Payment Act 2002 (Vic)).

#### 26. Pallets:

Where reasonably requested by BBEA, the Customer will return pallets and any re-usable packaging provided with Goods.

#### 27. Exports:

Exports of any Goods are governed by these Terms and all international trade conventions and/or terms including but not limited to the United Nations Convention on Contracts for the International Sale of Goods (known as the Vienna Sales Convention 1980) are expressly excluded unless otherwise stipulated in these Terms or on BBEA's invoice for the Goods.

#### 28. Compliance with Acts and Regulations:

(a) Where the Customer grant access to BBEA to the Customer's property for the purposes of BBEA delivering Goods to the Customer, the Customer must ensure the property is in a safe state for BBEA and its employees to undertake the delivery.

(b) If BBEA has reasonable concerns regarding the safety of BBEA's employees or contractors in relation to accessing the Customer's property for deliveries, BBEA shall be entitled to halt the delivery until such time as BBEA's safety concerns have been resolved to BBEA's reasonable satisfaction.

#### 29. Customer Material:

The Customer agrees that:

(a) it has sole responsibility to ensure that materials, designs, drawings, specifications, procedures etc. which are provided by or on behalf of the Customer, to be used by BBEA in meeting any Orders, are correct and appropriate; and

(b) any of the Customer's materials or property used by BBEA in the production of any Goods must be of merchantable quality and fit for the purpose.

#### 30. Change of Control:

Either party must not transfer (either by assignment or novation), allow a change in Control to occur to it, or otherwise deal with this Contract except with the prior written consent of the other party, which consent must not be unreasonably withheld.

#### 31. Specifications:

(a) To the extent permissible under law (including the ACL), any illustration drawing or specification supplied by BBEA are drafts and approximates and are for illustration purposes and the Customer should not rely on the accuracy of such specifications in any way.

(b) Any tangible or intellectual property rights in specifications remain the property of BBEA.

(c) Specifications are to be treated at all times as confidential and not made use of without the prior written consent of BBEA.

#### 32. Change to Terms:

BBEA may vary or replace these Terms by notifying the Customer in writing, including by email. Any amended or new terms and conditions take effect from the date of the Customer's next Order. BBEA agrees to provide the Customer with 30 days' written notice of the changes, unless the change is required to comply with a legal requirement, in which case, BBEA will provide the Customer with as much notice as is reasonable in the circumstances.

#### Notices:

Any notice under these Terms or any Contract must be in writing, and may be delivered by email or posted to a party at their postal address (as applicable) last notified by them to the other party. A party may change its email address or postal address for notices by notifying the other party in writing.

## GOODS RETURN FORM

**Please call your State office for return approval and to obtain your Goods Return Number.**

Company Name:	Account No.:	Date:
Contact Name:	Goods Return Number (GRN):	
Address:		
Desc. of Goods Returned / Model No. :	Quantity:	
Invoice No:	Purchase Date:	
Returned for: <input type="checkbox"/> Credit Reason for return:		
<input type="checkbox"/> Repair		
<input type="checkbox"/> Quote for repair		
<input type="checkbox"/> Warranty Assessment		
Date Installed:	Has the unit been replaced ?	Yes / No
Date Failed:	Invoice No.:	Date:

**INSTALLED PRODUCT INFORMATION—fill in or circle appropriate information**

<u>Motor</u>	<u>Pump</u>
Voltage: 240 / 415 / 480	Suction: Positive / Negative
Ventilation: Yes / No	Suction Length;
Protection: Yes / No	Suction type & size:
Type of protection:	Discharge pressure: <span style="float: right;">psi / m</span>
Average temperature:	Liquid:
Plant site: Indoor / Outdoor	Plant site: Indoor / Outdoor
<u>Application</u> <input type="checkbox"/> Industrial	<u>Bore</u>
<input type="checkbox"/> Domestic	Power: Mains / Generator
<input type="checkbox"/> Irrigation	Cable size & length: <span style="float: right;">metres</span>
<input type="checkbox"/> Rural	Bore ID: <span style="float: right;">mm</span>
	Bore depth: <span style="float: right;">metres</span>
<u>Waste / Sewerage</u>	Pump setting: <span style="float: right;">metres</span>
Pit size: x x metres	Pumping level: <span style="float: right;">metres</span>
Control: Automatic / Manual	Control: Automatic / Manual
Pump protection : Yes / No	Discharge pressure: <span style="float: right;">psi / m</span>
Type of protection:	Pump protection: Yes / No
Discharge type & size:	Type of protection:
	Discharge type & size:
Selected Duty <span style="float: right;">m<sup>3</sup> hr / GPM</span>	<span style="float: right;">metres head / psi</span>

Filling in the above information will enable your claim to be processed as soon as possible. Failure to do so will hinder the process and could influence a rejection of the claim. Returns for credit are subject to a restocking fee in accordance with our terms and conditions.

Form completed by Name:	Date:	Phone:
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**Please call your State office for return approval and to obtain your Goods Return Number.**

<p><b>VIC / TAS</b> 228 Atlantic Drive Keysborough VIC 3173 Telephone: 03 9793 9999</p>	<p><b>NSW / ACT</b> Gateway Estate, 211-215 Walters Road Arndell Park NSW 2148 Telephone: 02 9671 3666</p>	<p><b>QLD</b> 50 Nestor Drive, Meadowbrook QLD 4131 PO Box 3780 Loganholme QLD 4129 Telephone: 07 3200 6488</p>
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## PUMP REPAIR SAFETY DECLARATION

As part of the Australian Hazardous Substances Regulations and the Health Acts - all goods returned to Axflow Holding NZ Ltd & subsidiary companies will be placed into quarantine until a declaration has been completed stating that the goods are safe to handle.

COMPANY:		Attention:	
Your PO#		Fax:	
<b><u>EQUIPMENT</u></b>			
Repair Reference No:			
Models(s) Type:			
Serial Number(s):			
What is the pump used for? <i>Please provide details of any hazardous substances and handling precautions that should be considered in the handling of this equipment:</i>			
Substances / Products pumped with this pump			
MSDS is attached / has been provided prior to shipping or is attached			
Personal Protective Equipment normally worn when using this product / pump			
<b><u>DECLARATION</u></b>			
<b>(Please tick box) To be completed by a responsible representative of the end-user / customer</b>			
<p><i>I declare that I have taken all responsible steps to ensure</i></p> <ul style="list-style-type: none"> <li>• <i>the accuracy of the above information</i></li> <li>• <i>the items being shipped are secured and safe for transport</i></li> <li>• <i>the pump / product supplied is free from any known hazards or risk</i></li> </ul>			
<b>Customer representative to sign</b>	Name:	Signed:	
	Position:	Date:	
<p><b>WARNING: Failure to supply this information may result in the goods being returned unexamined, with package and carriage costs charged.</b></p>			

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# WHAT'S MY DISCOUNT?

Speak to your Area Sales Manager today and record your standard discounts here.

Code	Subsection	Discount	Notes
ADPC	APC Controllers: MP Plus: Mascontrol		
AKMS	Miscellaneous Accessories		
AQUA	AcquaSaver		
DANF	Danfoss Drives		
DGPC	DG Flow Steadypress & Pump Controller		
DGSP	DG Flow Spares		
DGPP	Pedrollo Peripheral Turbine Pumps		
FLYT	Flygt Pumps		
GIFM	Goulds ISO Frame Mount Pumps		
GIMP	Goulds ISO Motor Pump		
GISP	Goulds ISO Spares		
GLBG	Goulds XBGR Series		
HVAR	Hydrovar Gen5 And Transducers		
ICPA	Inca Panels		
LWBG	Lowara BG & BGM Series		
LWCO	Lowara CO Series		
LWCS	Lowara C Series		
LWDE	Lowara Drainage & Effluent Pumps		
LWGS	Lowara e-GS Bare Pump & Complete Pumps		
LWHM	Lowara e-HM & e-HMS Series		
LWLN	Lowara LNE In-Line Pumps		
LWPT	Lowara Pressure Tanks		
LWRE	Lowara e-SV Rotating Elements & SV33 - SV92		
LWSC	Lowara Scuba Series		
LWSH	Lowara e-SHS Pumps		
LWSM	Lowara Submersible Motors		
LWSP	Lowara Spares		
LWSV	Lowara e-SV and SV Pumps		
LWVS	Lowara Smart Pumps & Hydrovar X		
LWZS	Lowara Z Series Bare Pumps & Complete Pumps		
MAC3	MAC3 Float Switches		
SPPM	Speroni Pumps		
SPSP	Speroni Spares		
SRIR	Saer IR Extended Shaft End Suction Pumps		
SRMB	Saer MBS Multistage Submersible Pumps		
SRSM	Saer Submersible Motors		

Area Sales  
Manager:

\_\_\_\_\_

Name

Signed

Date:

\_\_\_\_\_



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DELIVERING PUMPING SOLUTIONS