



Member of AxFlow Group

Pricelist 2026

Brown Brothers Engineers 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

Brown Brothers Engineers Website



www.brownbros.co.nz



- 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 renowned 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.

We are proud to continue our leading role in the New Zealand pump industry as one of this country's largest pump companies.

From small domestic pressure systems to large industrial process pumps, Brown Brothers Engineers provide a full range of pumps and pumping solutions to meet your needs.



Auckland	124A Hugo Johnston Drive Penrose, Auckland - 1061 T: 09 525 8282
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E-Mail	info@brownbros.co.nz orders@brownbros.co.nz

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Warranty:

In addition to our Terms and Conditions specific Warranty Clause, all products have a one year warranty unless stated otherwise in this price book. Warranty covers product and material defects and does not cover wear and tear.

Pictures:

Pictures and photos shown in this price book are a visual guide only, and do not necessarily depict the product as described in its entirety.

Performance Curves:

All performance curves in this price book are for reference only. Final selection should be made from individual performance charts.

**Check out all of our products online at
brownbros.co.nz**



Industrial Pumps

Our comprehensive range of pumping solutions include industrial pump options from well renowned brands. Contact us to see how we can deliver all your pumping solutions.



SANDPIPER Air Operated Double Diaphragm Pumps



Performance Criteria

- Capacity: To 1,147 L/min
- Pressure: To 8.6 bar
- Temperature: To 177°C
- Viscosities: To 25,000 cps

Applications

Chemical Processing, Mining, Paints, Food Processing, Industrial Maintenance, Electronics, Construction, Utilities



VIKING Gear Pumps



Performance Criteria

- Capacity: To 363m³/hr
- Pressure: To 170 bar
- Temperature: To 430°C
- Viscosities: To 440,000 cps

Applications

Chemical Processing, Petroleum, Food Processing, Pharmaceuticals, Pulp & Paper, Construction, Power Generation, Agriculture



LUTZ Drum & Container Pumps



Performance Criteria

- Capacity: To 200L/min
- Pressure: To 25m
- Temperature: To 140°C
- Viscosities: To 4,000 mPas

Applications

Chemical Processing, Petroleum, Food Processing, Pharmaceuticals, Pulp & Paper, Construction, Power Generation, Agriculture



WRIGHTFLOW Hygienic Rotary Lobe Pumps



Performance Criteria

- Capacity: To 189m³/hr
- Pressure: To 34 bar
- Temperature: To 150°C
- Viscosities: To 500,000 cps

Applications

Dairy Produce, Beverages, Canning, Meat Processing, Pastes, Gels, Cosmetics Suspensions, Bakery Pharmaceuticals



ITT GOULDS PUMPS ANSI B.73.1 & API 610 Centrifugal Process Pumps



Performance Criteria

- Capacity: To 68,000m³/hr
- Head: To 2740m
- Temperature: To 455 °C
- Pressure: To 275 bar

Applications

Pulp & Paper, Chemical, Petrochemical, Food & Beverage, General Industry, Mining, Mineral, Power, Oil & Gas

**Check out all of our products online at
brownbros.co.nz**



Domestic Pressure Systems

From Brown Brothers Engineers

Select the right pump for your home.

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



Lowara BGM



Lowara eHM



Linz JRM



Speroni CAM

PRESSURE					
500 kPa Premium models for the luxury of high pressure with multi-level dwellings and long runs of piping.			3HM06P	5HM06P	5HM06P
400 kPa Higher pressure for long runs of pipe and double storey buildings.			BGM-11 3HM05P JRM-5CH	5HM05 JRM-5BM	5HM06P JRM-5BM
300 kPa Sufficient pressure for most single storey.	BGM-5 3HM04P JRM-2 CAM-80	BGM-5 BGM-7 3HM04P JRM-10 CAM-80	BGM-9 3HM04P JRM-10	BGM-11 3HM05P 5HM04P JRM-5CH	5HM05P
FLOW	20 lpm	30 lpm	40 lpm	60 lpm	70 lpm
	Small Homes	Small to Medium Homes	Medium Homes with modern appliances	Large Homes with multiple bathrooms	Grand Homes with large families and gardens
1 x Tap = 10 lpm	2 x	3 x	4 x	6 x	7 x

1. DOMESTIC PRESSURE SYSTEMS

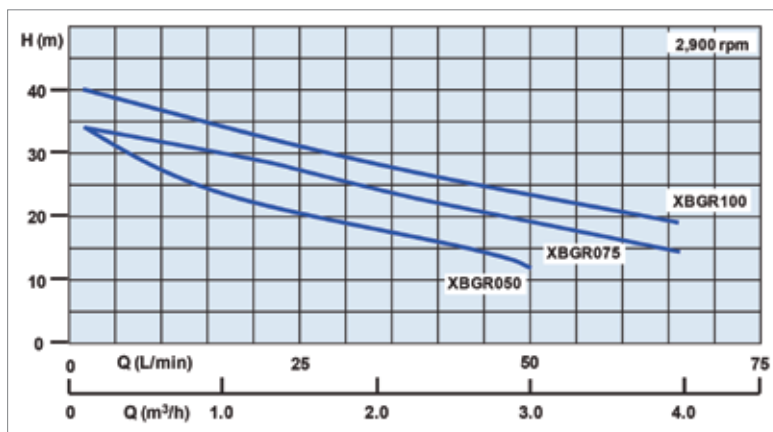
Domestic Pressure Systems

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	\$688
XBGR75-MP Plus	0.55	\$835
XBGR100-MP Plus	0.75	\$1,027



e-HM, BGM Pressure System

- All pumps are 230 Volt and rated for continuous use
- 18 Litre tank size as standard
- All controllers are Plug and Play
- Pressure systems with larger tank size available on request
- 2 Year Warranty on pumps

These pressure systems are supplied unassembled, in multiple cartons (1 x pump, 1 x controller or 1 x tank as required).

Assembly and testing is available for an additional \$50.00 nett + gst.



Sub-Section: LWHM / LWBG					
Model	kW	PC-Plus (PC-Plus)	Presflo (PF)	Presflo Multi (PFMU)	Pressure Tank System (PT)
3HM04P	0.55	\$1,451	\$1,451	\$1,698	\$1,664
3HM05P	0.75	\$1,556	\$1,556	\$1,802	\$1,768
3HM06P	0.95	\$1,693	\$1,693	\$1,940	\$1,907
5HM04P	0.75	\$1,650	\$1,650	\$1,897	\$1,865
5HM05P	0.95	\$1,716	\$1,716	\$1,963	\$1,930
5HM06P	1.10	\$2,042	\$2,042	\$2,289	\$2,254
BGM-5	0.55	-	\$1,482	\$1,730	\$1,696
BGM-7	0.75	-	\$1,552	\$1,799	\$1,765
BGM-9	0.90	-	\$1,560	\$1,807	\$1,774
BGM-11	1.10	-	\$1,890	\$2,136	\$2,102

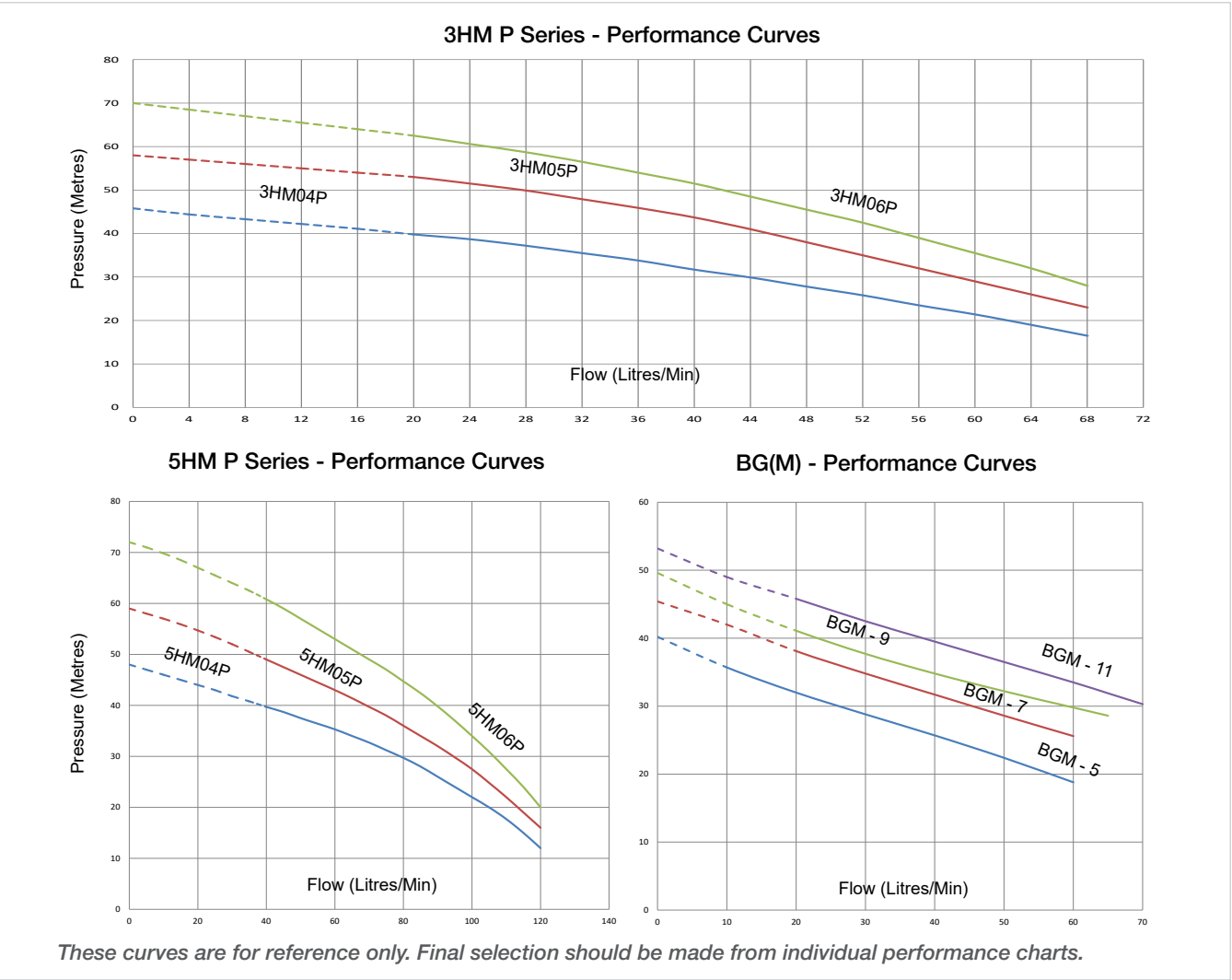


e-HM P Series, BGM Performance Curves

Model	Power	Flow Range	Pressure Range	Number of Outlets
3HM04P	0.55 kW	20 - 70 l/min	410 - 170 KPa	
3HM05P	0.75 kW	20 - 70 l/min	560 - 280 KPa	
3HM06P	0.95 kW	20 - 70 l/min	680 - 330 KPa	
5HM04P	0.75 kW	40 - 120 l/min	430 - 180 KPa	
5HM05P	0.95 kW	40 - 120 l/min	530 - 210 KPa	
5HM06P	1.10 kW	40 - 120 l/min	640 - 260 KPa	

Model	Power	Flow Range	Pressure Range	Number of Outlets
BGM-5	0.55 kW / 0.75 Hp	10 - 60 l/min	350 - 170 KPa	
BGM-7	0.75 kW / 1.0 Hp	20 - 60 l/min	380 - 250 KPa	
BGM-9	0.90 kW / 1.2 Hp	20 - 65 l/min	400 - 270 KPa	
BGM-11	1.10 kW / 1.5 Hp	20 - 70 l/min	450 - 300 KPa	

e-HM P Series, BGM Performance Curves



Speroni Pressure Systems

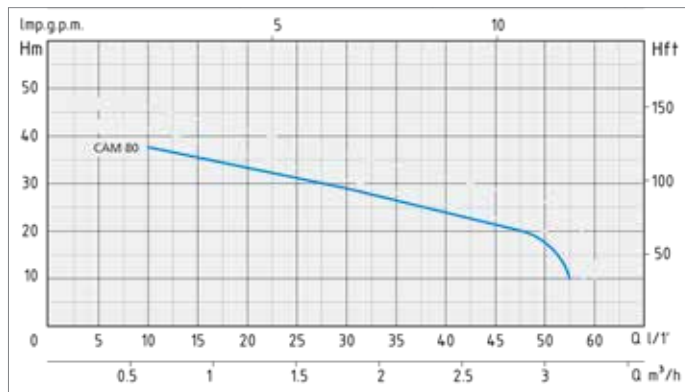
- All pumps are 230 Volt and rated for continuous use
- 18 Litre tank size as standard
- Controllers are Plug and Play
- Pressure systems with larger tank size available on request
- 2 Year Warranty on pumps

SPERONI
WATER PUMPS



Sub-Section: SPCA

Model	kW	PC-Plus (PC-Plus)	Preflo (PF)	EuroPress (EP)	Bare Pump	Pressure Tank System (PT)
CAM-80	0.60	\$844	\$844	\$844	\$588	\$1,050



These curves are for reference only. Final selection should be made from individual performance charts.

Speroni Circulating Pumps

- Hot water booster pumps
- Cast iron body
- Three rotational speeds
- Single-phase, 230 Volt
- 1 Year Warranty

SPERONI
WATER PUMPS



Product Code: SPCI

Model		1 Phase
SCRA20/90-160	20MM BOOSTER PUMP WITH FLOW SWITCH	\$483



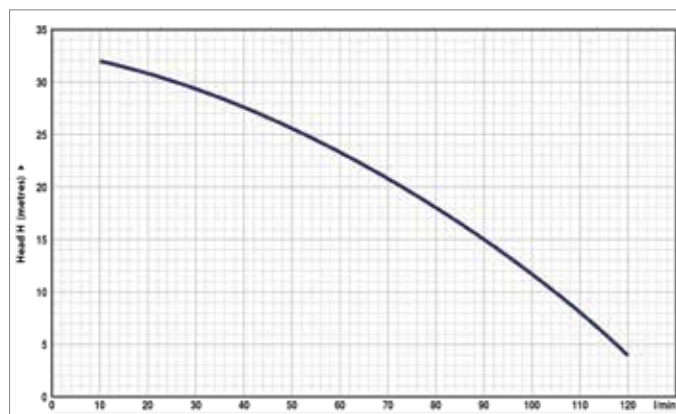
A range of circulators for heating are available page 63.

Linz Swift Multi

- Multi-stage automatic pump
- 0.55 kW single-phase
- 10 metre cable
- 1 1/4" Outlet
- 1 Year Warranty

Product Code: LIPM

Model	kW	1 Phase
SWIFT-MULTI	0.55	\$1,145



LINZ
ELECTRIC



Linz Bare Pumps & Pressure Systems

- All pumps are 230 Volt and rated for continuous use
- 18 Litre tank size as standard
- Presflo and Presflo Multi controllers are Plug and Play
- Pressure systems with larger tank size available on request
- 2 Year Warranty on pumps



LINZ Mechanical Seals

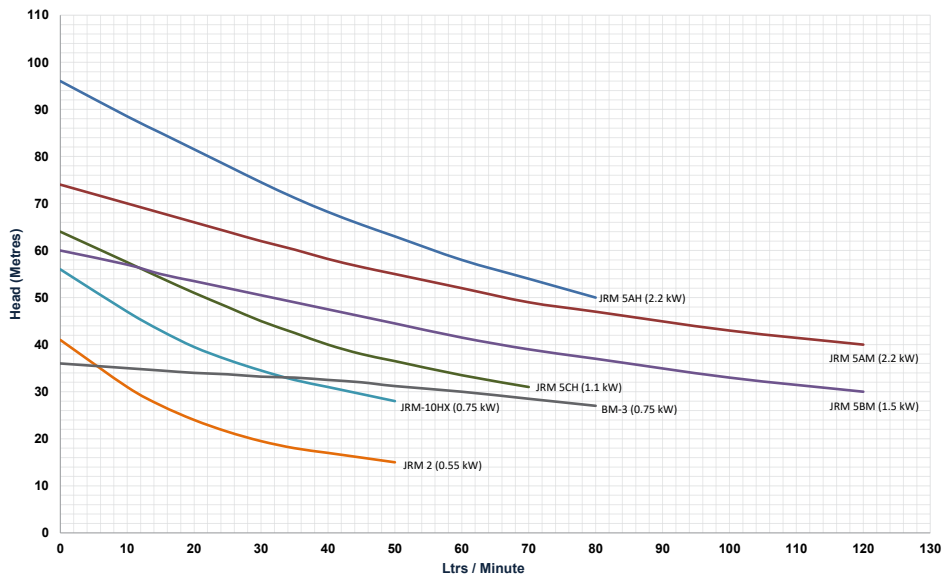
Sub-Section: LIPM		
Model	Code	
JRM-2	11516101201	\$40
JRM-10	11516121401	\$47
JRM-5	11516301801	\$86



Sub-Section: LIPM

Model	kW	PC-Plus (PC-Plus)	Preflo (PF)	Presflo Multi (PFMU)	Bare Pump	Pressure Tank System (PT)
JRM-2	0.55	\$880	\$880	\$1,127	\$625	\$1,116
JRM-10	0.75	\$982	\$982	\$1,230	\$728	\$1,219
JRM-5CH	1.10	\$1,862	\$1,862	\$2,108	\$1,607	\$2,098
JRM-5BM	1.50	\$1,913	\$1,913	\$2,159	\$1,659	\$2,150
JRM-5AH	2.20	N/A	N/A	N/A	\$1,749	N/A
JRM-5AM	2.20	N/A	N/A	N/A	\$1,749	N/A
JRT-5AH(3 Phase)	2.20	N/A	N/A	N/A	\$1,632	N/A
JRT-5AM(3 Phase)	2.20	N/A	N/A	N/A	\$1,632	N/A

Curves & Performance Data



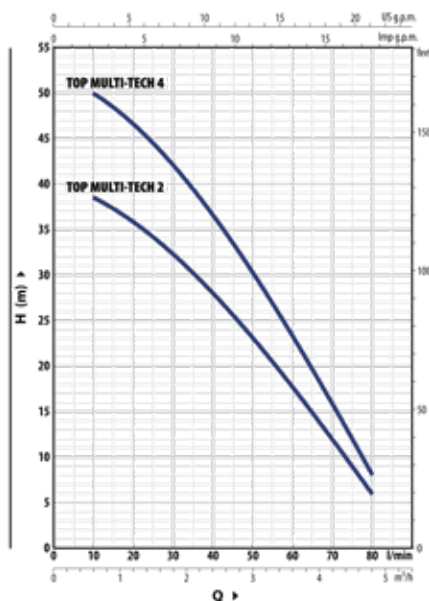
These curves are for reference only. Final selection should be made from individual performance charts.

Linz Top Multi-Tech

- Multi-stage automatic submersible pumps with controller for domestic use
- Single-phase, 230V motor
- Threaded connector 1 1/4"
- 10m power cable
- Kit includes pump, 1L stainless steel tank and 3way brass tee
- 1 Year Warranty on pumps

Product Code: LIPM

Model	kW	1 Phase
MULTITECH2 KIT	0.55	\$1,551
MULTITECH4 KIT	0.75	\$1,819

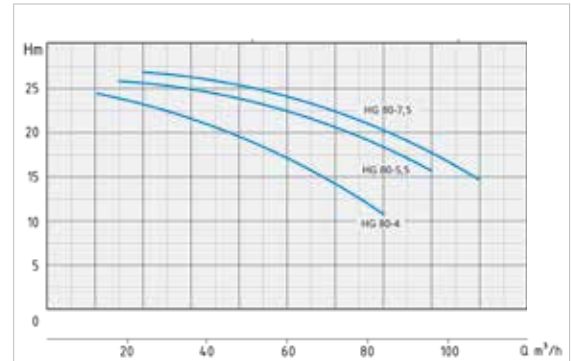


Speroni Monoblock & Vertical Pumps

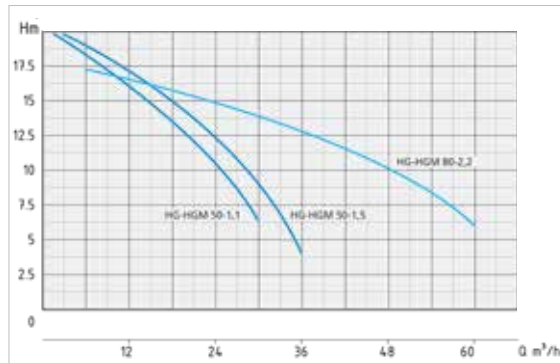
- H/HG/HGM = Self priming monoblock water pumps with open impeller
- NGM = vertical water pump with external motor and water submersible pump body
- Suitable for slightly dirty water
- Max. temperature 90°C
- Rated for continuous duty
- 2 Year Warranty



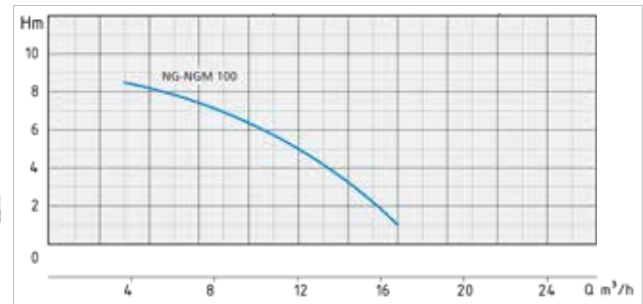
HG Self Priming Pump



HGM Self Priming Pump



NGM Sump Pump



Xilent Pump System

- Electronic variable speed water pressure system
- All-in-one compact design suitable for confined spaces
- Self priming multistage
- Watercooled
- 2 Year Warranty

XILENT

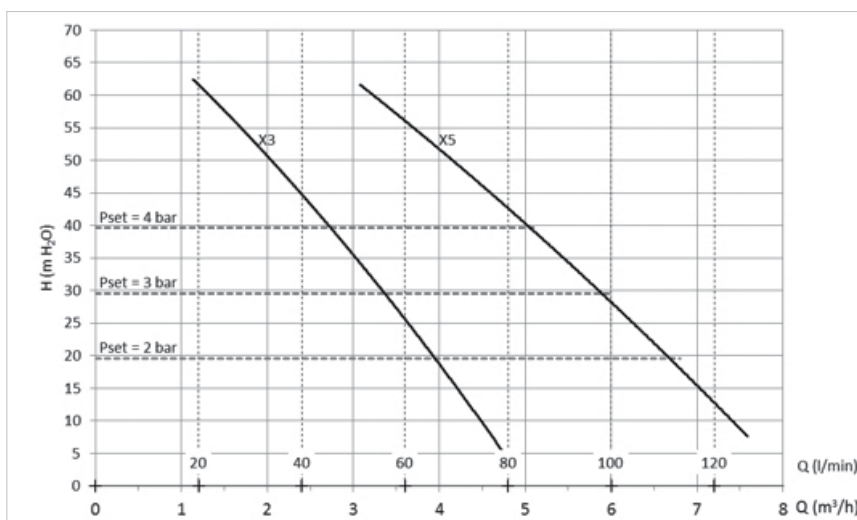


Product Code: DGXT

Model	kW	
XILENT-X3	0.9	\$2,272
XILENT-X5	1.5	\$2,510

Sub-Section: DGXT

Model	Code	
Dual Adaptor Kit	ASSKITDGP01	\$1,154
Expansion Board	ASSKITGP04	\$204



Single booster with optional adaptor kit



Twin booster with optional adaptor kit

2. SURFACE PUMPS

HME Smart Pumps

HME Series

- AISI 304 stainless steel pumps, IP55
- Permanent magnet IE5 motor
- Variable speed drive
- Ultra premium efficiency
- 240 volt single phase
- To AS/NZS 4020
- 2 Year Warranty

HME Series - includes check valve & 8L tank

Product Code: LWVS		
Model	kW	1 Phase
SMT/3HME03S-PS	0.37	\$3,761
SMT/3HME05S-PS	0.55	\$4,146
SMT/3HME07S-PS	0.75	\$4,349
SMT/3HME09S-PS	1.10	\$5,325
SMT/5HME04S-PS	0.55	\$4,179
SMT/5HME06S-PS	1.10	\$4,711
SMT/5HME08S-PS	1.50	\$5,045
SMT/10HME03S-PS	1.50	\$5,311

Product Code: LWVS		
Model	kW	3 Phase
SMT/5HME10S22T-PS	2.20	\$6,090
SMT/10HME04S22T-PS	2.20	\$7,137
SMT/15HME03S22T-PS	2.20	\$6,876



Pump & Drive
combined rating

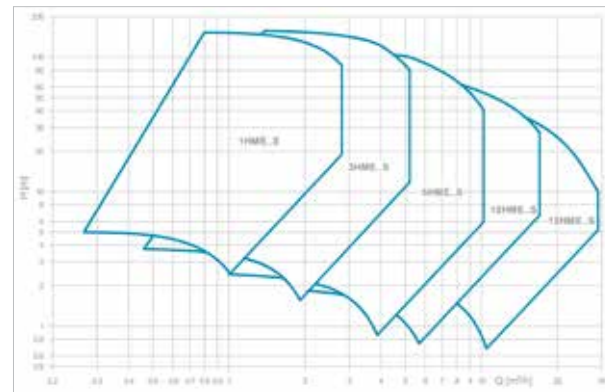


'Best in Class'

Motor
Rating



'Ultra Premium
efficiency'



Horizontal Multi-Stage

e-HM - P Series

- High efficiency horizontal multi-stage pumps
- Motor IP55
- 2 Year Warranty

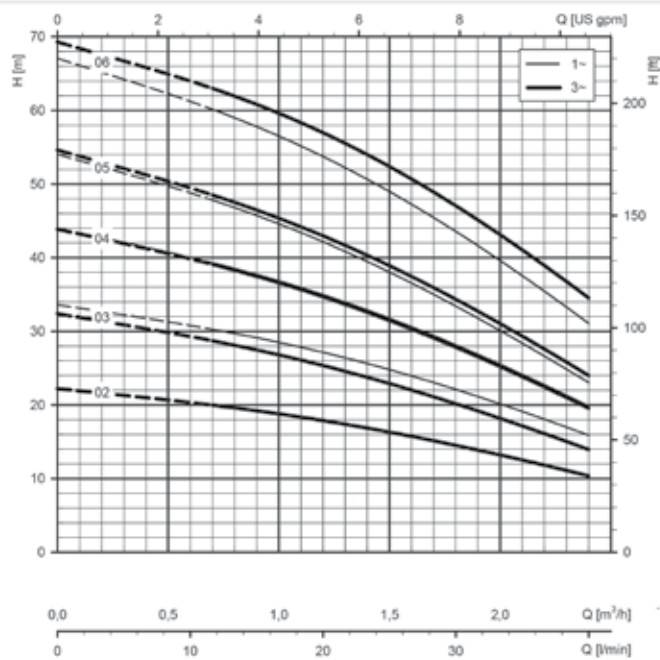
Sub-Section: LWHM		
Model	kW	240V 1 Phase 50Hz
1HM05P05M	0.50	\$1,174
1HM06P07M	0.75	\$1,271
3HM03P05M	0.50	\$1,071
3HM04P05M	0.50	\$1,197
3HM05P07M	0.75	\$1,301
3HM06P09M	0.95	\$1,439
5HM03P05M	0.50	\$1,183
5HM04P07M	0.75	\$1,397
5HM05P09M	0.95	\$1,463
5HM06P11M	1.10	\$1,786
10HM02P11M	1.10	\$1,614
10HM03P15M	1.50	\$1,825
10HM04P22M	2.20	\$2,958
10HM05P22M	2.20	\$3,182

Sub-Section: LWHM		
Model	kW	415V 3 Phase 50Hz
1HM03P03T	0.30	\$999
1HM04P04T	0.40	\$1,056
3HM02P03T	0.30	\$894
3HM03P04T	0.40	\$1,001
3HM04P05T	0.50	\$1,102
3HM05P07T	0.75	\$1,326
3HM06P11T	1.10	\$1,454
5HM02P04T	0.40	\$1,020
5HM03P05T	0.50	\$1,107
5HM04P11T	1.10	\$1,439
5HM05P11T	1.10	\$1,513
5HM06P15T	1.50	\$1,638
10HM02P11T	1.10	\$1,731
10HM03P15T	1.50	\$1,820
10HM04P22T	2.20	\$2,520
10HM05P30T	3.00	\$2,895
10HM06P30T	3.00	\$3,062

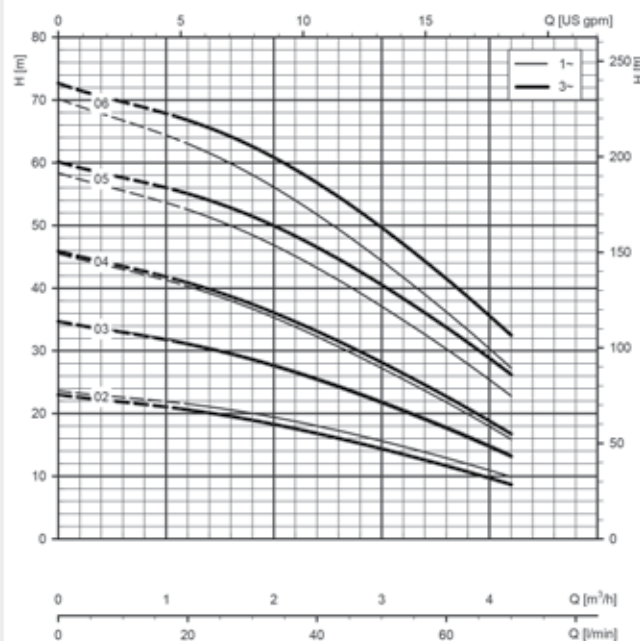


e-HM - P Series, 1,3, 5 & 10 Performance Curves

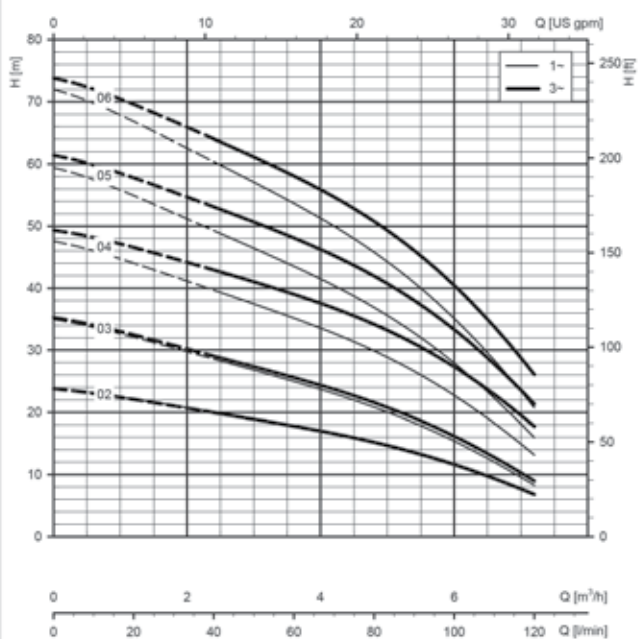
1HM..P SERIES
OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



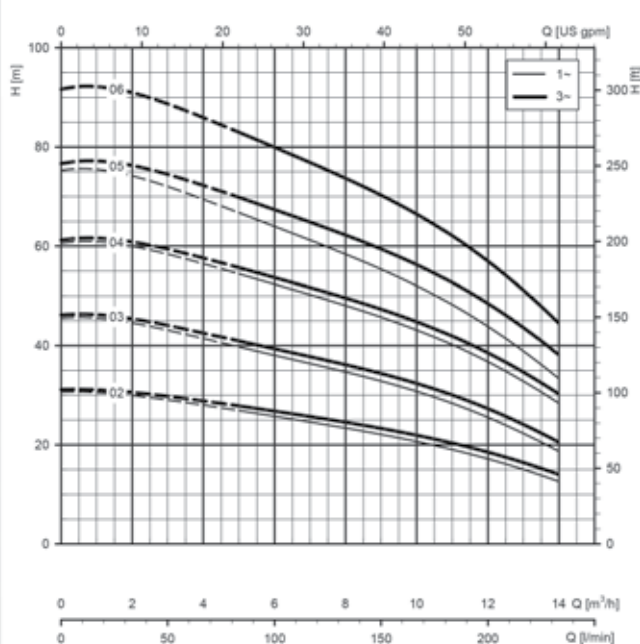
3HM..P SERIES
OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



5HM..P SERIES
OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



10HM..P SERIES
OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



e-HM - S Series

- High efficiency horizontal multi-stage pumps
- All wetted components manufactured in stainless steel
- Motor IP55
- 2 Year Warranty

**Sub-Section: LWHM**

Model	kW	240V 1 Phase 50Hz
1HM07S05M	0.50	\$1,537
1HM08S05M	0.55	\$1,681
1HM12S05M	0.55	\$1,980
1HM14S07M	0.75	\$2,203
1HM18S07M	0.75	\$2,534
1HM22S09M	0.95	\$2,785
1HM25S11M	1.10	\$3,114
3HM03S05M	0.30	\$1,018
3HM04S05M	0.50	\$1,159
3HM05S05M	0.50	\$1,401
3HM07S05M	0.55	\$1,558
3HM09S07M	0.75	\$2,047
3HM10S07M	0.75	\$2,074
3HM12S09M	0.95	\$2,258
3HM14S11M	1.10	\$2,587
3HM16S15M	1.50	\$2,787
3HM19S15M	1.50	\$3,088
5HM03S05M	0.50	\$1,282
5HM04S05M	0.50	\$1,345
5HM05S07M	0.75	\$1,439
5HM06S07M	0.75	\$1,874
5HM08S09M	0.95	\$2,031
5HM09S11M	1.10	\$2,232
5HM10S15M	1.50	\$2,431
5HM12S15M	1.50	\$2,638
5HM13S22M	2.20	\$4,332
5HM14S22M	2.20	\$4,332
5HM17S22M	2.20	\$4,523
10HM03S11M	1.10	\$2,051
10HM04S15M	1.50	\$2,213
10HM06S22M	2.20	\$3,596
15HM02S15M	1.50	\$2,515
15HM03S22M	2.20	\$3,289
22HM02S22M	2.20	\$3,720

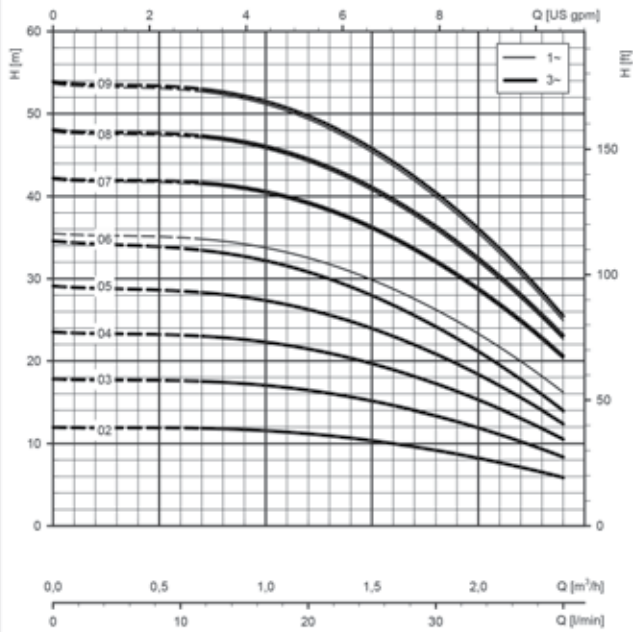
Sub-Section: LWHM

Model	kW	415V 3 Phase 50Hz
1HM03S03T	0.30	\$1,127
1HM04S03T	0.30	\$1,238
1HM06S03T	0.30	\$1,359
1HM09S05T	0.55	\$1,827
1HM12S05T	0.55	\$2,000
1HM14S07T	0.75	\$2,112
1HM16S07T	0.75	\$2,238
1HM22S11T	1.10	\$3,263
3HM02S03T	0.30	\$962
3HM04S03T	0.30	\$1,127
3HM05S04T	0.40	\$1,219
3HM06S05T	0.50	\$1,307
3HM08S07T	0.75	\$1,615
3HM10S11T	1.10	\$2,162
3HM13S11T	1.10	\$2,383
3HM14S15T	1.50	\$2,575
3HM17S15T	1.50	\$2,900
3HM21S22T	2.20	\$3,801
5HM02S03T	0.30	\$1,136
5HM03S04T	0.40	\$1,197
5HM04S05T	0.50	\$1,238
5HM05S07T	0.75	\$1,289
5HM06S11T	1.10	\$1,763
5HM08S11T	1.10	\$2,055
5HM09S15T	1.50	\$2,531
5HM11S15T	1.50	\$2,608
5HM13S22T	2.20	\$3,275
5HM15S22T	2.20	\$3,563
5HM21S30T	3.00	\$4,225
10HM02S07T	0.75	\$1,912
10HM03S11T	1.10	\$1,953
10HM04S15T	1.50	\$2,139
10HM06S22T	2.20	\$3,243
10HM08S30T	3.00	\$3,743
10HM11S40T	4.00	\$4,568
10HM13S55T	5.50	\$5,288
15HM02S15T	1.50	\$2,207
15HM03S22T	2.20	\$2,862
15HM04S30T	3.00	\$3,413
15HM05S40T	4.00	\$4,146
15HM06S55T	5.50	\$4,735
15HM07S55T	5.50	\$4,996
22HM02S22T	2.20	\$2,880
22HM03S30T	3.00	\$3,158
22HM04S40T	4.00	\$3,827
22HM05S55T	5.50	\$4,638

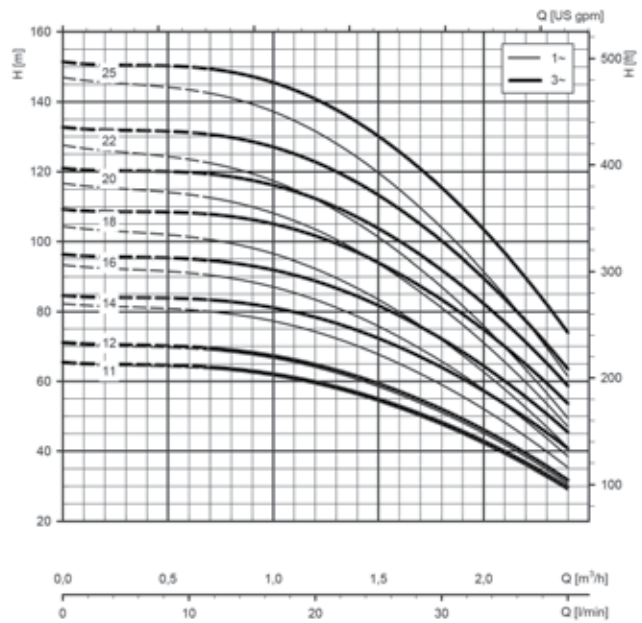


e-HM - S Series 1 to 22 Performance Curves

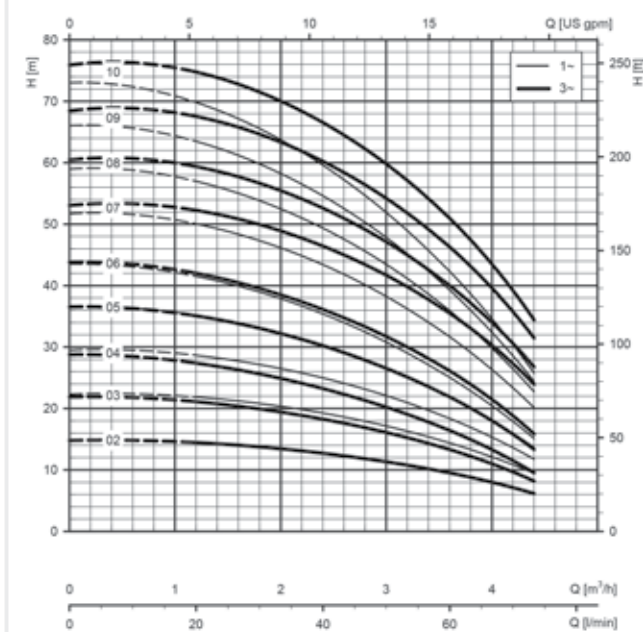
➤ **1HM..S - 1HM..N SERIES, (2 TO 9 STAGES)**
OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



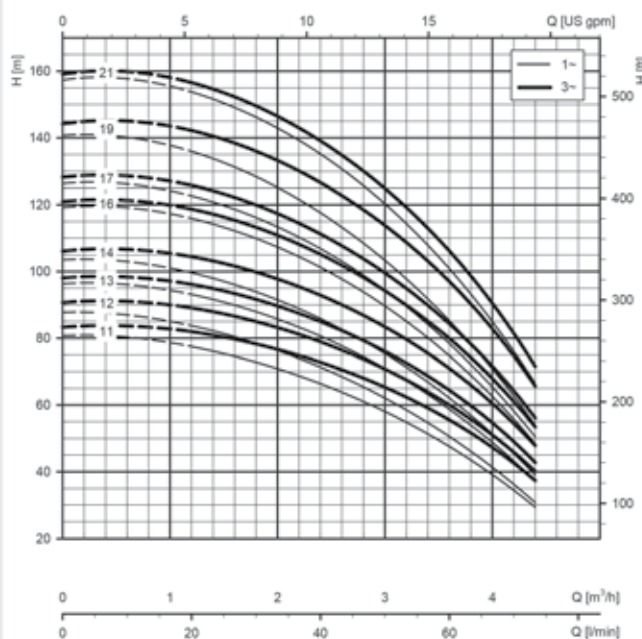
➤ **1HM..S - 1HM..N SERIES, (11 TO 25 STAGES)**
OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



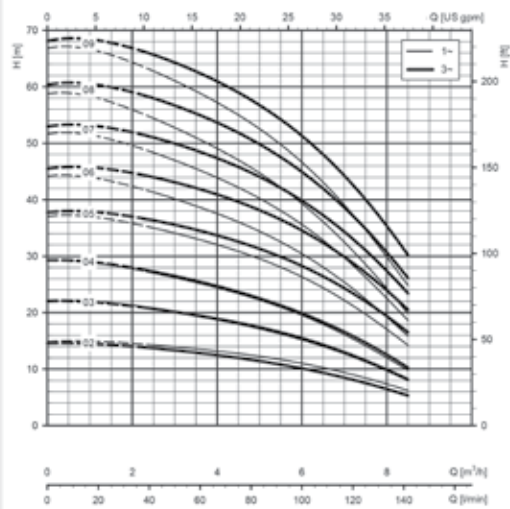
➤ **3HM..S - 3HM..N SERIES, (2 TO 10 STAGES)**
OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



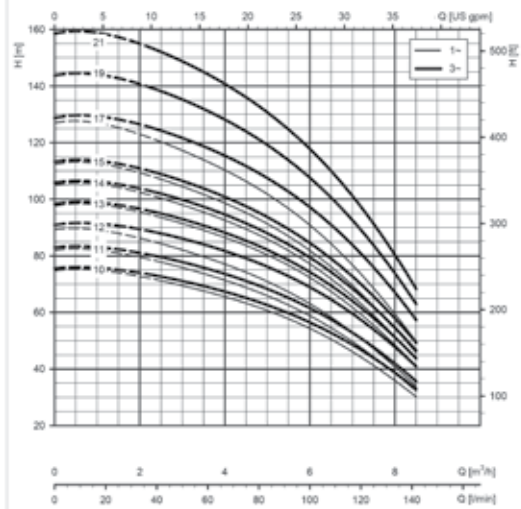
➤ **3HM..S - 3HM..N SERIES, (11 TO 21 STAGES)**
OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



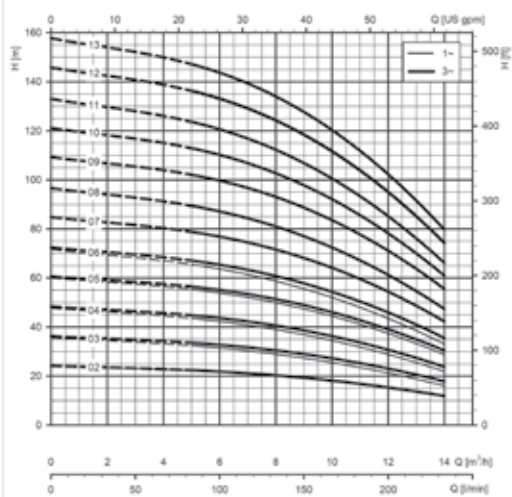
5HM..S - 5HM..N SERIES, (2 TO 9 STAGES)
OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



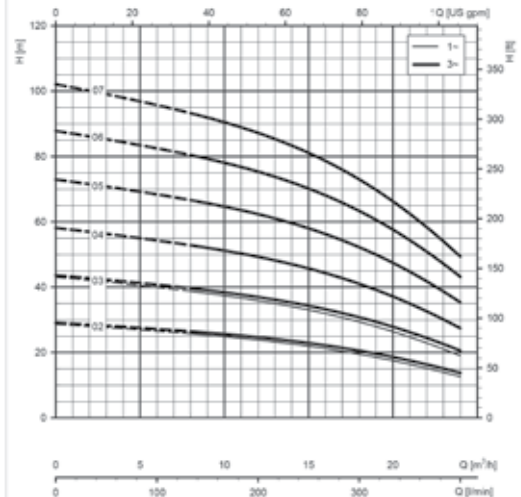
5HM..S - 5HM..N SERIES, (10 TO 21 STAGES)
OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



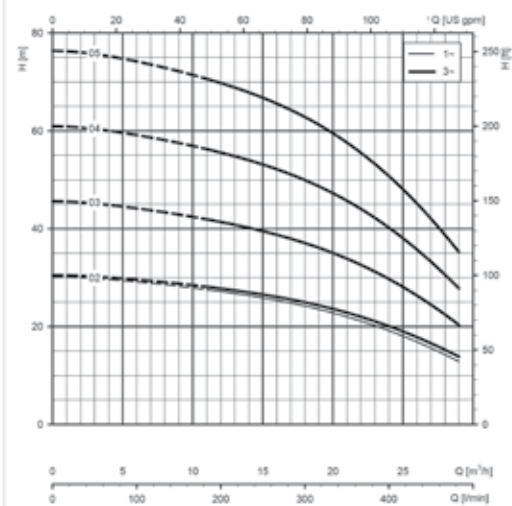
10HM..S - 10HM..N SERIES
OPERATING CHARACTERISTICS AT 50 Hz, 2 POLES



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



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



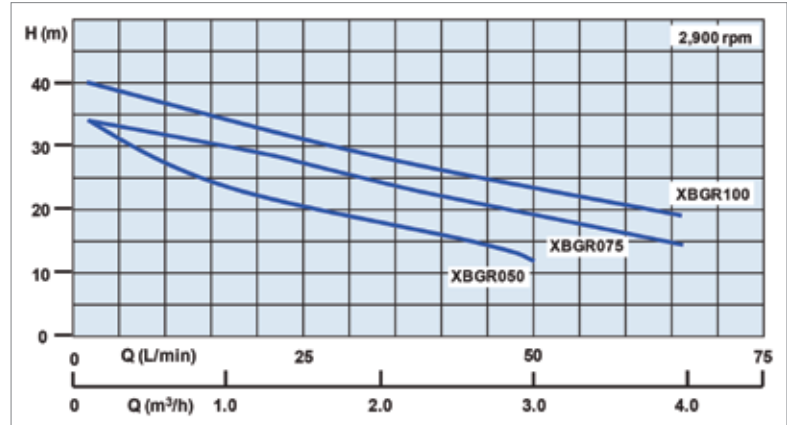
Self Priming Centrifugal Pump

XBGR (Bare Pump)

- 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	\$432	
XBGR-75	0.55	\$580	
XBGR-100	0.75	\$773	



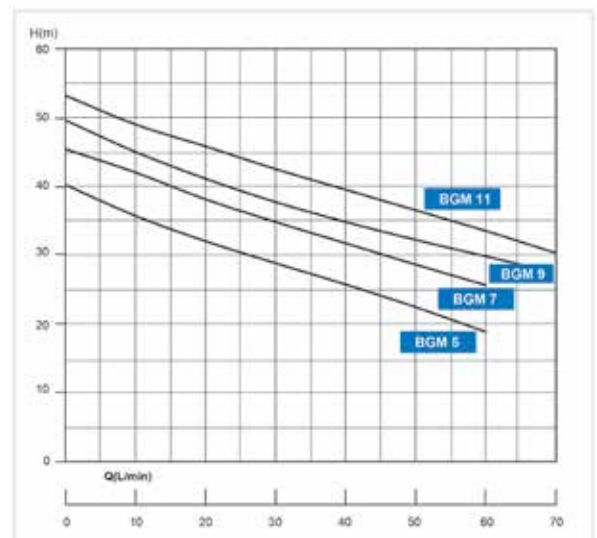
BG, BGM (Bare Pumps)

- All pumps are 230 volt and rated for continuous use
- 400 volt available on request
- AS/NZ4020 approved
- 2 Year Warranty



Sub-Section: LWBG		
Model	kW	1 Phase
BGM-5	0.55	\$1,229
BGM-7	0.75	\$1,297
BGM-9	0.90	\$1,307
BGM-11	1.10	\$1,635

Sub-Section: LWBG		
Model	kW	3 Phase
BG-5	0.55	\$1,091
BG-9	0.90	\$1,132
BG-11	1.10	\$1,354





Close Coupled Centrifugal

CEAM, CEA Series

Standard Model

- CEAM Single phase, Max. temp 85°C, IP 55 Motor
- CEA Three phase, Max. temp. 85°C, IP 55 Motor
- Single phase pumps supplied with lead and plug (except for 2.2 kW)
- 1 Year Warranty



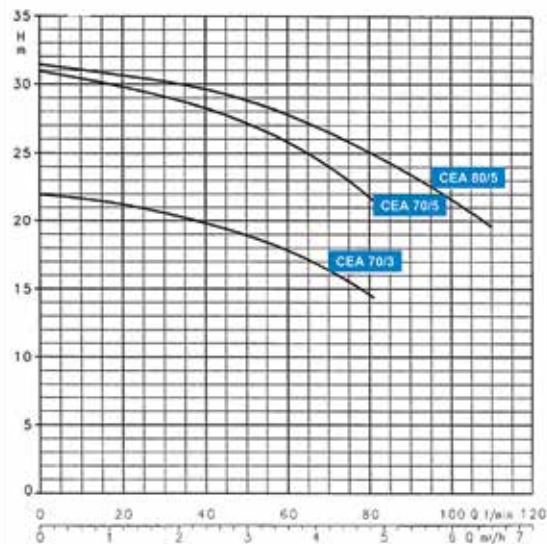
Sub-Section : LWCE

Model	kW	1 Phase
CEAM 70/3	0.37	\$1,186
CEAM 70/5	0.55	\$1,238
CEAM 80/5	0.75	\$1,300
CEAM 120/3	0.55	\$1,268
CEAM 120/5	0.90	\$1,344
CEAM 210/2	0.75	\$1,545
CEAM 210/3	1.10	\$1,813
CEAM 210/4	1.50	\$2,202
CEAM 210/5	2.20	\$2,589
CEAM 370/1	1.10	\$1,984
CEAM 370/2	1.50	\$2,277
CEAM 370/3	2.20	\$2,422

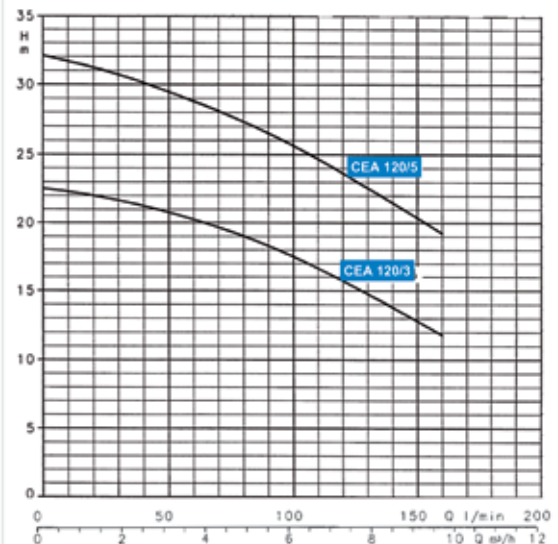
Sub-Section : LWCE

Model	kW	3 Phase
CEA 70/3	0.37	\$1,107
CEA 70/5	0.55	\$1,149
CEA 80/5	0.75	\$1,260
CEA 120/3	0.55	\$1,338
CEA 120/5	0.90	\$1,386
CEA 210/2	0.75	\$1,515
CEA 210/3	1.10	\$1,681
CEA 210/4	1.50	\$1,850
CEA 210/5	2.20	\$1,887
CEA 370/1	1.10	\$1,842
CEA 370/2	1.50	\$1,927
CEA 370/3	1.85	\$1,957
CEA 370/5	3.00	\$3,781

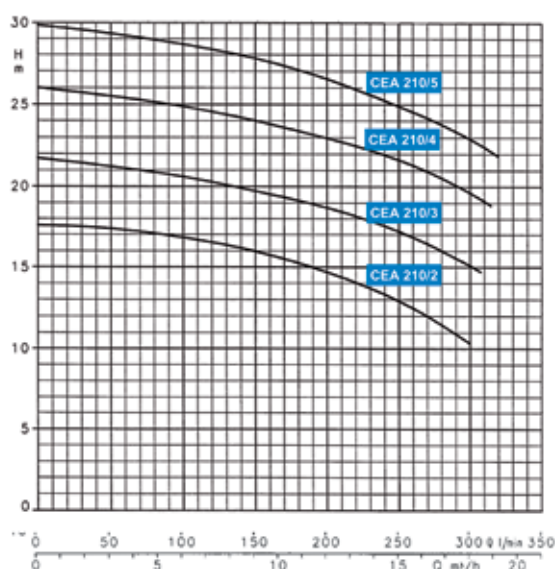
CEA70 - CEA80



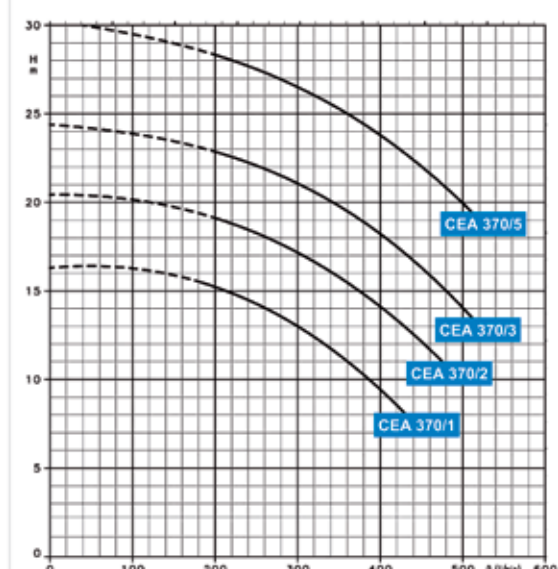
CEA 120



CEA 210



CEA 370



All images and curves are a visual guide only.

Open impeller Centrifugal

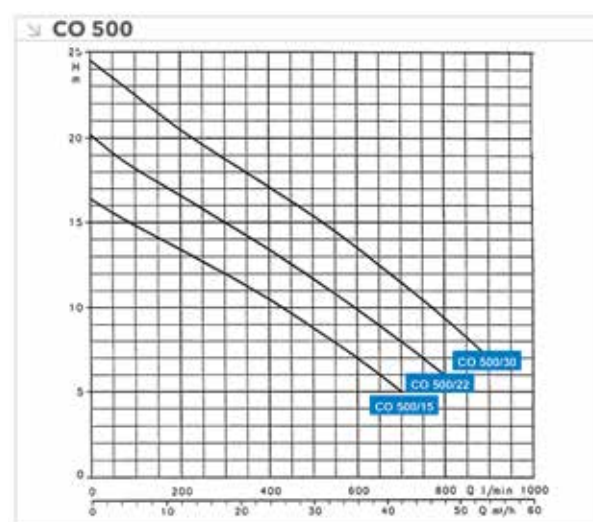
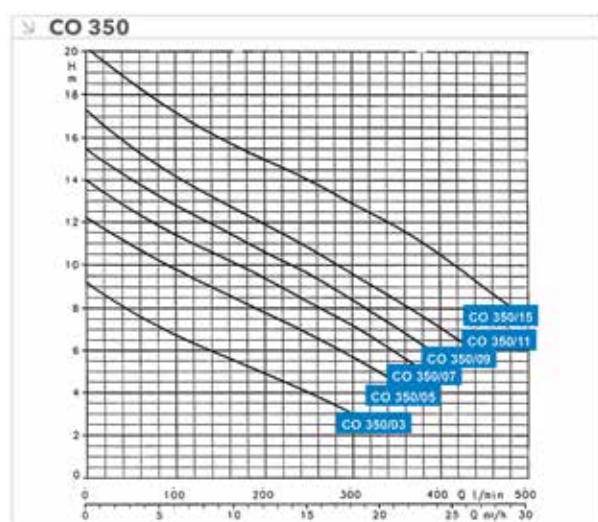
CO Series

- Close Coupled, Open impeller centrifugal
- M denotes single phase, IP 55 protection
- Single phase pumps supplied with lead and plug (except for 2.2 kW)
- Temperature range -10°C to 120°C
- CO 350 = 11mm solids
- CO 500 = 20mm solids
- 1 Year Warranty



Sub-Section : LWCO		
Model	kW	1 Phase
COM 350/03	0.37	\$1,897
COM 350/05	0.55	\$1,962
COM 350/07	0.75	\$2,041
COM 350/09	0.90	\$2,283
COM 350/11	1.10	\$2,518
COM 350/15	1.50	\$2,883
COM 500/15	1.50	\$2,917
COM 500/22	2.20	\$2,985

Sub-Section : LWCO		
Model	kW	3 Phase
CO 350/03	0.37	\$1,885
CO 350/05	0.55	\$1,938
CO 350/07	0.75	\$1,993
CO 350/09	0.90	\$2,293
CO 350/11	1.10	\$2,336
CO 350/15	1.50	\$2,446
CO 500/15	1.50	\$2,484
CO 500/22	2.20	\$2,812
CO 500/30	3.00	\$2,909



All images and curves are a visual guide only.

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.co.nz/resources

Stainless Steel End Suction Centrifugal Pumps

e-SH Series - 2 pole

- Stub Shaft version (e-SHS)
- All motors are IP55
- 2 Pole speed : 2900 rpm
- All 316 Stainless Steel Construction
- Standard carbon ceramic seal fitted with viton elastomers
- Alternative seal arrangements available - POA
- Price does not include flange kits
- 1 Year Warranty



Sub-Section : LWES

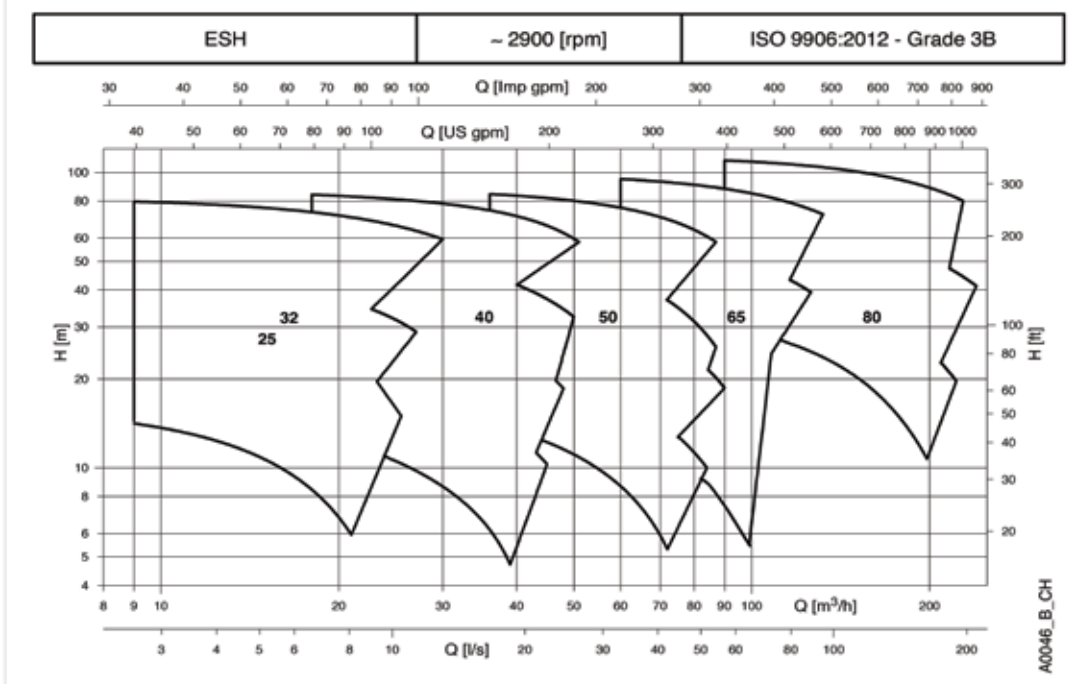
Model	kW	3 Phase
ESHS 32-125/07	0.75	\$3,168
ESHS 32-125/11	1.10	\$3,315
ESHS 32-160/15	1.50	\$3,444
ESHS 32-160/22	2.20	\$3,848
ESHS 32-200/30	3.00	\$4,346
ESHS 32-200/40	4.00	\$4,713
ESHS 32-250/55	5.50	\$6,028
ESHS 32-250/75	7.50	\$6,307
ESHS 32-250/110	11.0	\$7,110
ESHS 40-125/11	1.1	\$3,389
ESHS 40-125/15	1.5	\$3,510
ESHS 40-125/22	2.2	\$3,721
ESHS 40-160/30	3.0	\$4,243
ESHS 40-160/40	4.0	\$4,452
ESHS 40-200/55	5.5	\$5,702
ESHS 40-200/75	7.5	\$5,974
ESHS 40-250/110	11.0	\$6,750
ESHS 40-250/150	15.0	\$8,149

Sub-Section : LWES

Model	kW	3 Phase
ESHS 50-125/22	2.20	\$3,942
ESHS 50-125/30	3.00	\$4,274
ESHS 50-125/40	4.00	\$4,481
ESHS 50-160/55	5.50	\$5,765
ESHS 50-160/75	7.50	\$6,036
ESHS 50-200/110	11.0	\$7,830
ESHS 50-250/150	15.0	\$9,228
ESHS 50-250/185	18.5	\$9,904
ESHS 50-250/220	22.0	\$11,082
ESHS 65-160/40	4.00	\$5,708
ESHS 65-160/55	5.50	\$6,692
ESHS 65-160/75	7.50	\$7,091
ESHS 65-160/110	11.0	\$9,988
ESHS 65-200/150	15.0	\$11,520
ESHS 65-200/185	18.5	\$12,196
ESHS 65-200/220	22.0	\$13,374
ESHS 65-250/300	30.0	\$18,923
ESHS 65-250/370	37.0	\$19,870
ESHS 80-160/110	11.0	\$12,219
ESHS 80-160/150	15.0	\$13,165
ESHS 80-160/185	18.5	\$14,053
ESHS 80-200/220	22.0	\$16,700
ESHS 80-200/300	30.0	\$19,086
ESHS 80-200/370	37.0	\$20,037

All images and curves are a visual guide only.

HYDRAULIC PERFORMANCE RANGE AT 50 Hz, 2 POLES



These family curves are for reference only. Final selection should be made from individual performance charts

e-SH Series - 4 pole

- Stub Shaft version (e-ESHS) supplied with IP 55 Motor
- 4 Pole speed : 1450 rpm
- All 316 Stainless Steel Construction
- Standard carbon ceramic seal fitted with viton elastomers
- Alternative seal arrangements available - POA
- Price does not include flange kits
- 1 Year Warranty

**Sub-Section : LWES**

Model	kW	3 Phase
ESHS 4 32-250/07	0.75	\$4,368
ESHS 4 32-250/11	1.10	\$4,821
ESHS 4 32-250/15	1.50	\$4,945
ESHS 4 40-200/07	0.75	\$4,389
ESHS 4 40-200/11	1.10	\$5,113
ESHS 4 40-250/15	1.50	\$5,241
ESHS 4 40-250/22	2.20	\$6,089
ESHS 4 50-160/07	0.75	\$4,476
ESHS 4 50-160/11	1.10	\$4,635
ESHS 4 50-200/11	1.10	\$4,961
ESHS 4 50-200/15	1.50	\$5,315
ESHS 4 50-250/22A	2.20	\$6,265
ESHS 4 50-250/22	2.20	\$6,343
ESHS 4 50-250/30	3.00	\$7,026

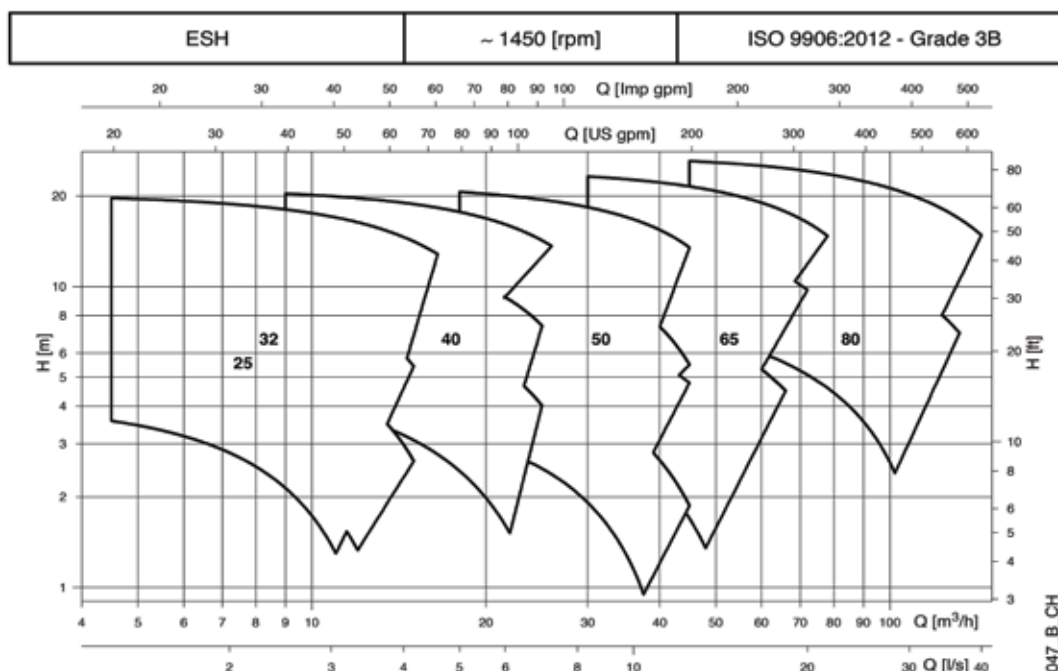
Sub-Section : LWES

Model	kW	3 Phase
ESHS 4 65-160/05	0.55	\$4,458
ESHS 4 65-160/07	0.75	\$4,605
ESHS 4 65-160/11	1.10	\$5,543
ESHS 4 65-160/15	1.50	\$6,032
ESHS 4 65-200/15	1.50	\$6,505
ESHS 4 65-200/22	2.20	\$6,985
ESHS 4 65-200/30	3.00	\$7,370
ESHS 4 65-250/40	4.00	\$9,718
ESHS 4 65-250/55	5.50	\$10,814
ESHS 4 80-160/15	1.50	\$7,071
ESHS 4 80-160/22A	2.20	\$7,545
ESHS 4 80-160/22	2.20	\$7,774
ESHS 4 80-200/30	3.00	\$7,897
ESHS 4 80-200/40	4.00	\$8,917
ESHS 4 80-250/55	5.50	\$9,841
ESHS 4 80-250/75	7.50	\$10,491
ESHS 4 80-250/110	11.00	\$11,768

e-SH Series - Flange Kits

- 316 Stainless Steel threaded flanges
- Kits comprise of 2 flanges, gaskets and bolts

Sub-Section : LWES			
Model		Part No.	
32 mm	ESHS 32	109.390.521	\$552
40 mm	ESHS 40	109.390.531	\$603
50 mm	ESHS 50	109.390.541	\$641
65 mm	ESHS 65	109.390.551	\$900
80 mm	ESHS 80	109.390.561	\$1,164

**HYDRAULIC PERFORMANCE RANGE AT 50 Hz, 4 POLES**

These family curves are for reference only. Final selection should be made from individual performance charts

In-line Centrifugal Pumps

e-LNE Series

In-line Centrifugal pumps, Cast Iron construction

- 2 Pole speed : 2900 rpm
- 4 Pole speed : 1450 rpm
- Stainless Steel impeller - LNEE 40 up to LNEE 65
- Cast Iron impeller - LNEE 80 up to LNEE 100
- Price does not include flange kits
- 1 Year Warranty

2 Pole Version - 2900 rpm

Sub-Section : LWLN		
Model	kW	3 Phase
LNES 40-125/11	1.1	\$2,472
LNES 40-125/15	1.5	\$2,861
LNES 40-125/22	2.2	\$3,753
LNES 40-125/30	3.0	\$3,943
LNES 40-160/40	4.0	\$4,018
LNES 40-160/55	5.5	\$4,223
LNES 40-200/55	5.5	\$5,039
LNES 40-200/75	7.5	\$5,451
LNES 40-250/110	11	\$6,814
LNES 50-125/15	1.5	\$3,447
LNES 50-125/22	2.2	\$3,584
LNES 50-125/30	3.0	\$3,794
LNES 50-160/40	4.0	\$4,479
LNES 50-160/55	5.5	\$5,730
LNES 50-160/75	7.5	\$5,859
LNES 65-125/30	3.0	\$3,849
LNES 65-125/40	4.0	\$4,339
LNES 65-125/55	5.5	\$4,495
LNES 65-125/75	7.5	\$5,177
LNES 65-160/110	11	\$7,084
LNES 65-200/150	15	\$9,748
LNES 65-200/185	18.5	\$9,809
LNES 80-160/75	7.5	\$5,779
LNES 80-160/185	18.5	\$10,236

4 Pole Version - 1450 rpm

Sub-Section : LWLN		
Model	kW	3 Phase
LNES 40-125/03	0.37	\$2,861
LNES 40-160/05	0.55	\$2,861
LNES 40-160/07	0.75	\$3,398
LNES 40-200/11	1.10	\$3,943
LNES 40-250/15	1.50	\$4,088
LNES 50-125/05	0.55	\$3,133
LNES 50-160/07	0.75	\$3,270
LNES 50-160/11	1.10	\$3,406
LNES 50-200/15	1.50	\$4,169
LNES 50-250/30	3.00	\$5,347
LNES 65-125/07	0.75	\$3,950
LNES 65-160/11	1.10	\$4,360
LNES 65-160/15	1.50	\$4,495
LNES 65-200/22	2.20	\$5,039
LNES 65-250/30	3.00	\$5,120
LNES 65-250/40	4.00	\$6,277
LNES 80-160/15	1.50	\$4,905
LNES 80-160/22	2.20	\$5,177
LNES 100-160/30	3.00	\$6,676
LNES 125-200/55	5.5	\$9,647
LNES 125-315/150	15	\$18,935
LNES 150-315/300	30	\$22,723



e-LNE Series images shown with optional base plate

Larger sizes are available upon request.

e-LNE Series Flange Kits

- Pressed Steel threaded flanges - Zinc Plated
- Kits comprise of two flanges, gaskets and bolts

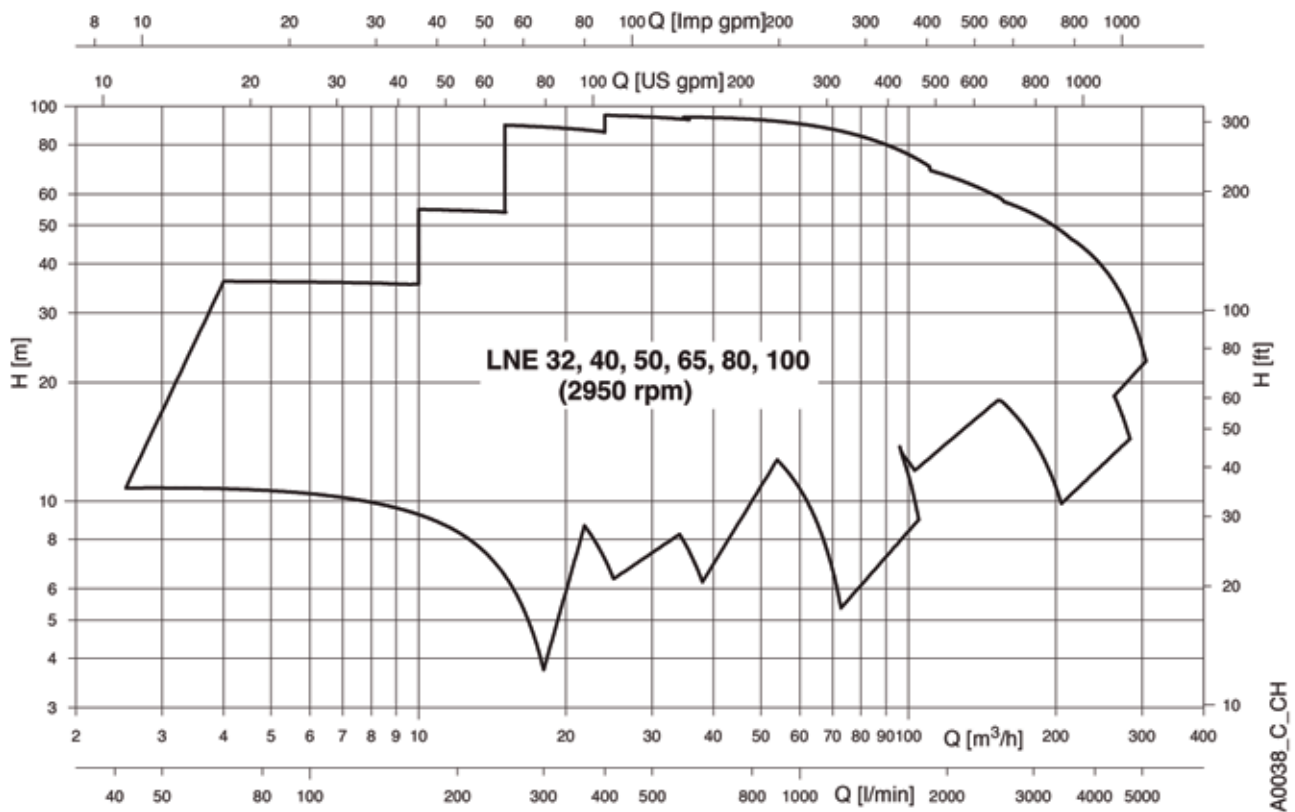
Sub-Section : LWLN			
Model	To Suit	Part No.	
40 mm	LNES 40	109.390.661	\$229
50 mm	LNES 50	109.390.691	\$249
65 mm	LNES 65	109.390.731	\$312
80 mm	LNES 80	109.390.761	\$331
100 mm	LNES 100	109.390.771	\$341

e-LNE Base

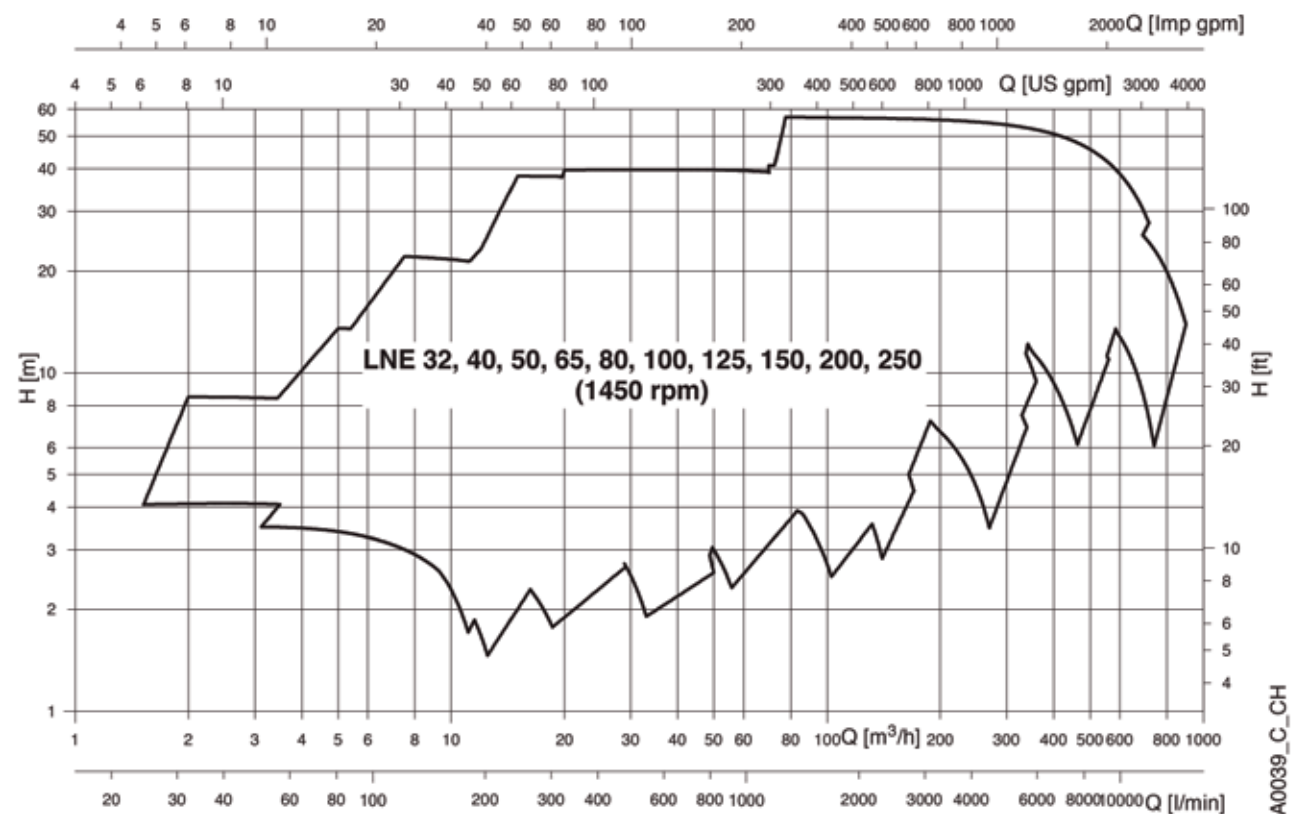
- Mounting base kit to support pump

Sub-Section : LWLN		
Model	Part No.	
Base for e-LNE 32,40,50,65,80,100	109.391.270	\$413
Base for e-LNE 125,150	743.660.220	\$2,046

➤ **HYDRAULIC PERFORMANCE RANGE AT 50 Hz, 2 POLES**



➤ **HYDRAULIC PERFORMANCE RANGE AT 50 Hz, 4 POLES**



These family curves are for reference only. Final selection should be made from individual performance charts

Cast Iron End Suction Close Coupled Pump

NSCS / 2NSCE Series

Close coupled centrifugal pumps, Cast Iron construction

- NSCS Single Stage pumps
- 2NSCE Two Stage pumps
- IP 55 Rated motor
- Stainless Steel impeller - NSCS 32 up to NSCS 50
- Cast Iron impeller - NSCS 65 & above
- Price does not include flange kits
- 1 Year Warranty

NSCS - Single Stage Pumps

Sub-Section : LWNS		
Model	kW	3 Phase
NSCS 32-125/11	1.10	\$3,132
NSCS 32-125/15	1.50	\$3,267
NSCS 32-125/22	2.20	\$3,463
NSCS 32-125/30	3.00	\$3,903
NSCS 32-160/22	2.20	\$3,852
NSCS 32-160/40	4.00	\$4,811
NSCS 32-160/55	5.50	\$5,535
NSCS 32-200/40	4.00	\$5,235
NSCS 32-250/110	11.0	\$7,974
NSCS 32-250/150	15.0	\$9,050
NSCS 40-125/15	1.50	\$3,671
NSCS 40-125/22	2.20	\$3,775
NSCS 40-125/30	3.00	\$4,251
NSCS 40-125/40	4.00	\$4,775
NSCS 40-160/40	4.00	\$5,767
NSCS 40-160/55	5.50	\$5,767
NSCS 40-160/75	7.50	\$6,257
NSCS 40-200/75	7.50	\$6,648
NSCS 40-200/110	11.0	\$7,982
NSCS 40-250/110	11.0	\$8,627
NSCS 40-250/150	15.0	\$9,603
NSCS 50-125/30	3.00	\$4,513
NSCS 50-125/40	4.00	\$4,960
NSCS 50-125/55	5.50	\$5,692
NSCS 50-160/55	5.50	\$5,346
NSCS 50-160/75	7.50	\$6,636
NSCS 50-200/110	11.0	\$8,702
NSCS 50-200/150	15.0	\$9,243
NSCS 50-200/185	18.5	\$9,856
NSCS 65-125/40	4.00	\$4,375
NSCS 65-125/55	5.50	\$4,600
NSCS 65-125/75	7.50	\$5,765
NSCS 65-160/110	11.0	\$7,707
NSCS 65-160/185	18.5	\$8,728
NSCS 65-200/185	18.5	\$9,243
NSCS 65-200/220	22.0	\$10,371

2NSCE - Two Stage Pumps

Sub-Section : LWNS		
Model	kW	3 Phase
NSCE 2-32-250/55	5.50	\$5,180
NSCE 2-32-250/75	7.50	\$5,307



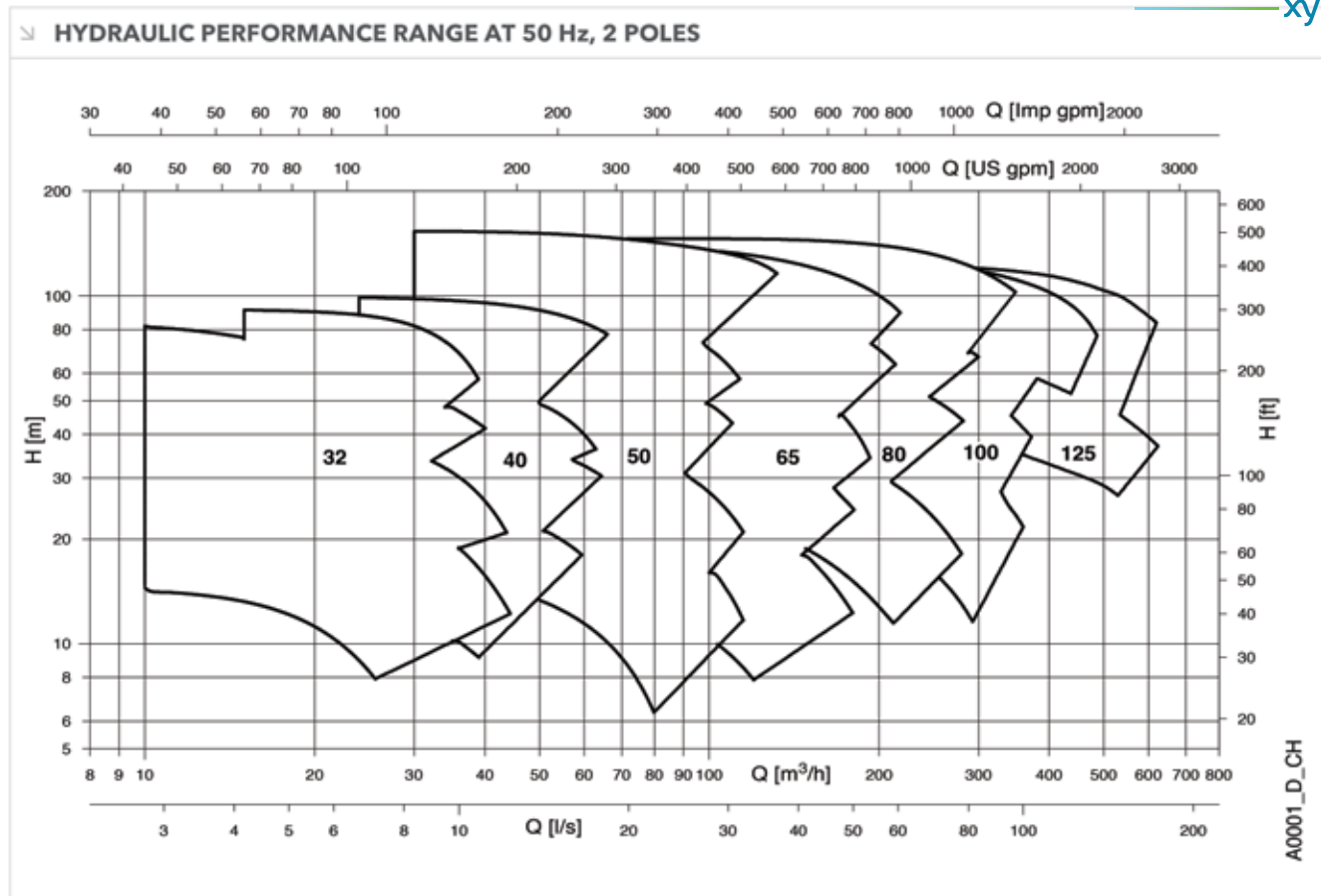
Customised NSC build with Hydrovar

*Pumps up to NSCS 250-315-75
are available upon request.*

e-NSC Series Flange Kits

- Pressed Steel threaded flanges - Zinc Plated
- Kits comprise of two flanges, gaskets and bolts

Sub-Section : LWNS			
Model	To Suit	Part No.	
32 mm	NSC 32	109.390.461	\$190
40 mm	NSC 40	109.390.471	\$200
50 mm	NSC 50	109.390.481	\$206
65 mm	NSC 65	109.390.491	\$244



IR Series

End Suction Close coupled centrifugal pumps

Extended Shaft Version

- Cast Iron construction
- IP 55 Rated motor
- All stainless steel AISI316 and marine bronze available on request
- Price does not include flange kits

Sub-Section : SRIR

Model	kW	3 Phase
IR32-160B/22	2.20	\$2,373
IR32-160A/30	3.00	\$2,542
IR32-200N/40	4.00	\$2,945
IR40-160NC/B	3.00	\$2,434
IR40-200C/40	4.00	\$3,131
IR40-200B/55	5.50	\$3,395
IR40-200A/75	7.50	\$4,147
IR40-200NA/110	11.0	\$4,845
IR40-250B/110	11.0	\$6,100
IR40-250A/150	15.0	\$6,868
IR50-125A/40	4.00	\$2,795
IR50-160A/75	7.50	\$4,131
IR50-200B/110	11.0	\$5,871
IR50-200A/150	15.0	\$6,698



SAER
ELETTROPOMPE



IR Series Flange Kits

- Pressed Steel threaded flanges - Zinc Plated
- Kits comprise of two flanges, gaskets and bolts

Sub-Section : SRIR

Model	To Suit	Part No.	
32 mm	IR 32	71000030	\$136
40 mm	IR 40	71000050	\$151
50 mm	IR 50	71000070	\$155
65 mm	IR 65	71000090	\$197

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

SPX Flow Pumps & PHE

SPXFLOW

We supply a broad range of SPX FLOW products, including APV heat exchangers and Johnson Pump solutions, ensuring reliable performance for industrial and food-processing applications.

APV Heat Exchangers

APV ParaFlow Industrial Heat Exchangers

- Engineered for a wide range of global heat-transfer applications
- Handles flow rates from compact systems up to 4,500 m³/h
- Performance-driven solutions for demanding industrial environments
- Broad selection of materials, connections, and accessories for customised configurations

Product Code: SXHX		
Model	Description	
SXHX NZSR2MC4000LDB	SPX SR2 MILK COOLER 4000L DB	\$7,900
SXHX NZSR2MC5000LDB	SPX SR2 MILK COOLER 5000L DB	\$8,195
SXHX NZSR2MC6000LDB	SPX SR2 MILK COOLER 6000L DB	\$8,650
SXHX NZSR2MC8000LDB	SPX SR2 MILK COOLER 8000L DB	\$9,490
Smaller and Larger Sizers on request Spare Plates and Gasket on request		



APV W+ Milk Pumps

W+ Series (NEMA) - Centrifugal Pumps

- Engineered for high efficiency and long-term cost savings
- Delivers dependable, rugged performance in demanding process environments
- Proven worldwide in meeting stringent production and sanitation requirements
- Versatile design enhances process efficiency and maximizes productivity

Product Code: SXPM			
Model	Description	kW	3 Phase
SXPM W+22/20 1.5kw	SPX W+22/20 RJT 1.5kW 3PH	1.5	\$7,725
SXPM W+22/20 2.2kw	SPX W+22/20 RJT 2.2kW 3PH	2.2	\$7,955
Other sizes available on request			



Johnson FIP Impellers

Flexible Impeller (FIP) Pumps

- Versatile flexible-impeller design for both industrial and hygienic applications
- Available in polished stainless steel for sanitary processes
- Industrial stainless steel option for standard, non-sanitary duties
- Bronze construction offered for non-corrosive applications

Product Code: JPSP		
Model	Description	
JPSP 09-1029B	IMPELLER F8B	\$175
JPSP 09-46686-04	MECH SEAL FDA FIP-25	\$395
JPSP 09-46686-08	MECH SEAL FDA FIP-40	\$420
JPSP 09-809S-4	IMPELLER FIP50SH	\$901
JPSP 09-815S	IMPELLER FIP65	\$1,127
JPSP 09-833S-7	IMPELLER FIP20S	\$308
JPSP 09-835S-4	IMPELLER FDA40S -NEOPRENE	\$624
JPSP 09-835S-7	IMPELLER FIP40S	\$637
JPSP 09-837S	IMPELLER FIP25S NEOPRENE HP	\$590
JPSP 09-840S-7	IMPELLER FIP65S	\$1,409

Johnson Pump



NOV Mono Pumps

HSE Series - Dairy Effluent Pumps

- High-performance pump designed as the core of dairy effluent irrigation systems
- Eliminates need for multiple pumps over long distances or high head conditions
- Delivers up to 50 m³/h with pressures up to 120 bar

Product Code: MOHS		
Model	Description	
HSE12/60-B	HSE12/60 Pump c/w 4kw Motor- c/w Base	\$12,413
HSE18/90-B	HSE18/90 Pump c/w 7.5kw Motor- c/w Base	\$14,015
HSE22/100-B	HSE22/100 Pump c/w 11kw Motor- c/w Base	\$17,855
HSE25/100-B	HSE25/100 Pump c/w 11kw Motor- c/w Base	\$17,855
HSE33/80-B	HSE33/80 Pump c/w 11kw Motor- c/w Base	\$19,740
HSE30/100-B	HSE30/100 Pump c/w 15kw Motor- c/w Base	\$21,200



CP Series - Progressive Cavity Pumps

- Progressive cavity pump range with four models for varied performance needs
- Delivers up to 125 L/min capacity and pressures up to 28m
- Simple, sturdy, and lightweight design in a compact form
- Suitable for domestic water supply and light industrial applications



Complete Motorised Pumpsets

Product Code: MOPM				
Model	Description	kW	V/Phase	
CP00111C1R8C	CP11 PUMPSET SS CHRM/PL RTR	0.18	240V / 1PH	\$1,519
CP00113C1R8C	CP11 PUMPSET CHRM/PL RTR	0.18	400V / 3PH	\$1,491
CP00251C1R8C	CP25 PUMPSET SS CHRM/PL RTR	0.37	240V / 1PH	\$1,704
CP00253C1R8C	CP25 PUMPSET HCP ROTOR	0.37	400V / 3PH	\$1,973
CP08001C1R8C	CP800 PUMPSET	0.95	240V / 1PH	\$2,590
CP08003C1R8C	CP800 PUMPSET	0.95	400V / 3PH	\$2,635
CP16001C1R8C	CP1600 PUMPSET	0.95	240V / 1PH	\$3,040
CP16003C1R8C	CP1600 PUMPSET	0.95	400V / 3PH	\$3,095



CP11 & CP25 motorised pumps



CP800 & CP1600 motorised pumps

Bareshaft Pumps

Product Code: MOPM		
Model	Description	
CP0011BC1J8C	CP11 BARESHAFT PUMP C/W J ELAS	\$1,320
CP0025BC1R8C	CP25 BARESHAFT PUMP SS CHRM/PL RTR	\$1,462
CP0800BC1R8C	COMPACT PUMP BARESHAFT	\$2,310
CP1600BC1R8C	CP PUMP BARESHAFT	\$2,669



CP11 & CP25 bare pumps



CP800 & CP1600 bare pumps

ASP Series - Agricultural Surface Pump

- High-pressure surface transfer pump for potable water from rivers, dams, ponds, or tanks
- Delivers up to 120 L/min with head pressure up to 120 m
- Proven, reliable performance across diverse agricultural water-pumping applications

Product Code: MOPM		
Model	Description	
ASP320BS	ASP320 BARESHAFT PUMP	\$3,573
ASP420BS	ASP420 BARESHAFT PUMP	\$3,645
ASP440BS	ASP440 BARESHAFT PUMP	\$5,116
ASP510BS	ASP510 BARESHAFT PUMP	\$3,645
ASP520BS	ASP520 BARESHAFT PUMP	\$3,917
ASP620BS	ASP620 BARESHAFT PUMP	\$4,812



Diaphragm Pumps

Flojet - LFP, Triplex, VersiJet

Speciality flow control

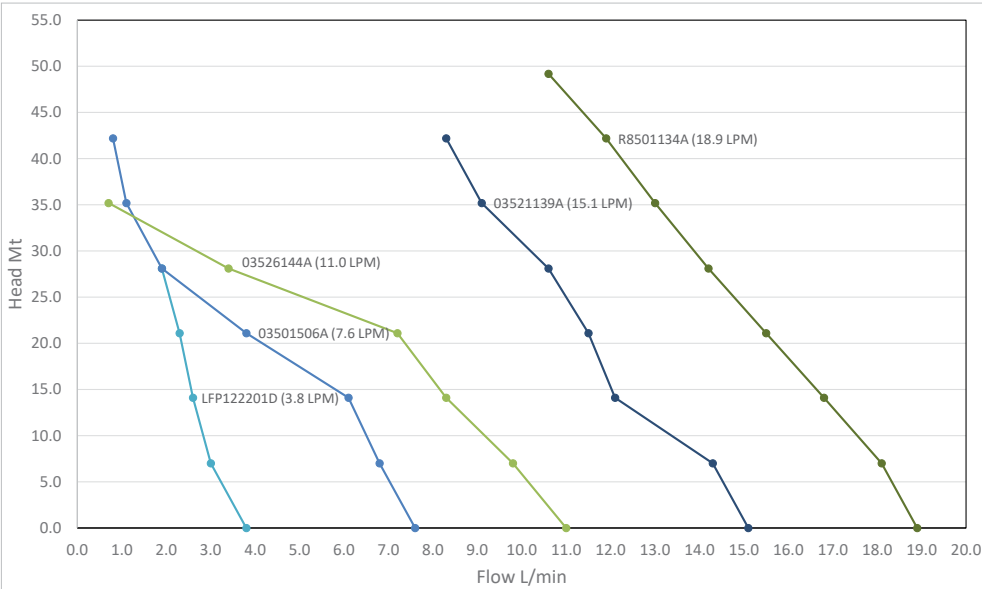
- Long life motors typically up to 2,000 hours
- Viton check valve material assures maximum chemical resistance
- Quick connect swivel port for ease of installation and replacement
- Dry run capability
- 12 volt

FLOJET
a xylem brand



Sub-Section : FJPM

Part No.	Description	Inlet / Outlet	LPM	M of Head	Length mm	Width mm	Height mm	
LFP122201D	LFP	3/8" HB-ST-VIT	3.8	24.6	164.3	102.9	67.6	\$343
03501506A	Triplex LP	3/8" FNPT	7.6	42.2	226.6	100.6	93.0	\$351
03526144A	Triplex HF	(1) 1/2" HB-ST-EP (1) 1/2" HB-EL-EP (2) QEST-ST-EP	11.0	35.2	229.6	107.7	120.7	\$358
03521139A	Triplex HF	1/2" HB-ST-VIT	15.1	42.2	216.0	101.1	109.2	\$551
R8501134A	VersiJet	3/4" HB-ST-VIT	18.9	49.2	269.1	129.3	120.0	\$732



Flojet - G57

Air Operated Diaphragm Pumps

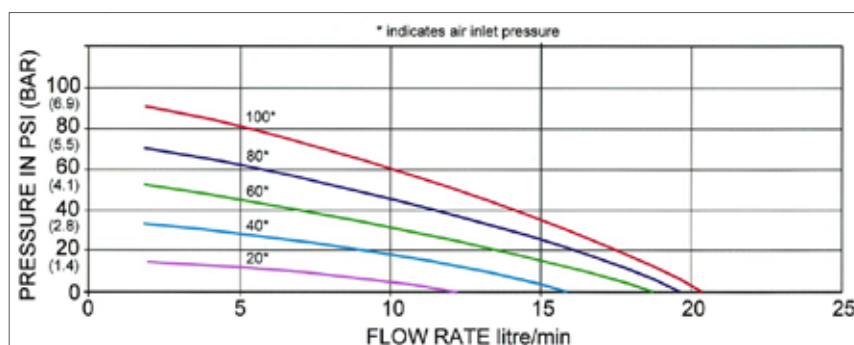
- Capable of Air or CO2 drive pressures up to 100PSI (6.9bar)
- Dry run capability

FLOJET
a xylem brand



Sub-Section : FJPM

Part No.	Diaphragm & Valves	Inlet / Outlet	Length mm	Width mm	Height mm	
G573205A	Viton	9mm	116	82	130	\$637
G575205A	Santopren	9mm	116	82	130	\$396



3. VERTICAL MULTI-STAGE PUMPS

e-SV Series

e-SV 1 Series

Stainless Steel Vertical Multi-stage Pumps - rated up to 25 bar

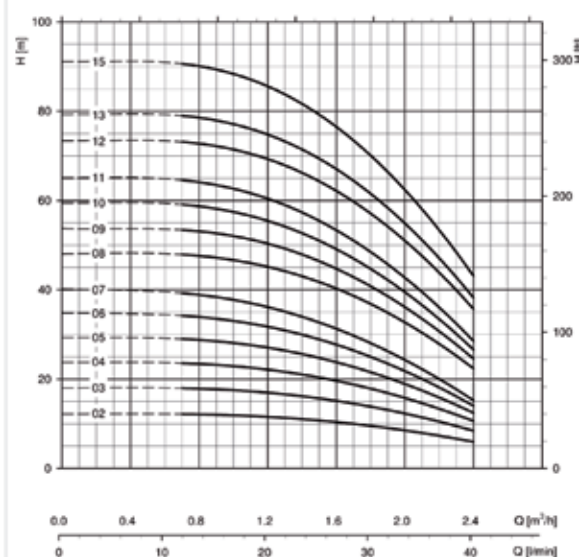
- All wetted components manufactured in stainless steel
- All 316L Stainless steel construction available POA
- In line configuration with round flanges
- Motor IP55
- Temperature range -30°C to 120°C
- Price does not include flange kits
- 2 Year Warranty on e-SV Multi-stage pumps



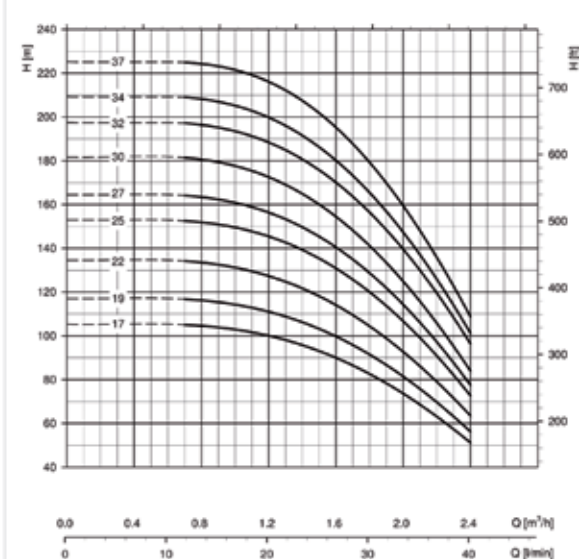
Sub-Section : LWSV		
Model	kW	1 Phase
-	-	-
1SV03F003M	0.37	\$1,799
1SV04F003M	0.37	\$1,849
1SV05F003M	0.37	\$1,901
1SV06F003M	0.37	\$1,949
1SV07F003M	0.37	\$2,004
1SV08F005M	0.55	\$2,106
1SV09F005M	0.55	\$2,156
1SV10F005M	0.55	\$2,201
1SV11F005M	0.55	\$2,277
1SV12F007M	0.75	\$2,531
1SV13F007M	0.75	\$2,630
1SV15F007M	0.75	\$2,756
1SV17F011M	1.10	\$2,952
1SV19F011M	1.10	\$3,112
1SV22F011M	1.10	\$3,273
1SV25F015M	1.50	\$3,497
1SV27F015M	1.50	\$3,798
1SV30F015M	1.50	\$4,005
1SV32F022M	2.20	\$4,234
1SV34F022M	2.20	\$4,753
1SV37F022M	2.20	\$4,981

Sub-Section : LWSV		
Model	kW	3 Phase
1SV02F003T	0.37	\$1,650
1SV03F003T	0.37	\$1,681
1SV04F003T	0.37	\$1,734
1SV05F003T	0.37	\$1,785
1SV06F003T	0.37	\$1,833
1SV07F003T	0.37	\$1,888
1SV08F005T	0.55	\$1,907
1SV09F005T	0.55	\$1,967
1SV10F005T	0.55	\$2,044
1SV11F005T	0.55	\$2,124
1SV12F007T	0.75	\$2,231
1SV13F007T	0.75	\$2,298
1SV15F007T	0.75	\$2,456
1SV17F011T	1.10	\$2,617
1SV19F011T	1.10	\$2,781
1SV22F011T	1.10	\$2,937
1SV25F015T	1.50	\$3,072
1SV27F015T	1.50	\$3,501
1SV30F015T	1.50	\$3,720
1SV32F022T	2.20	\$3,957
1SV34F022T	2.20	\$4,323
1SV37F022T	2.20	\$4,557

1SV : 2-15 stages



1SV : 17-37 stages



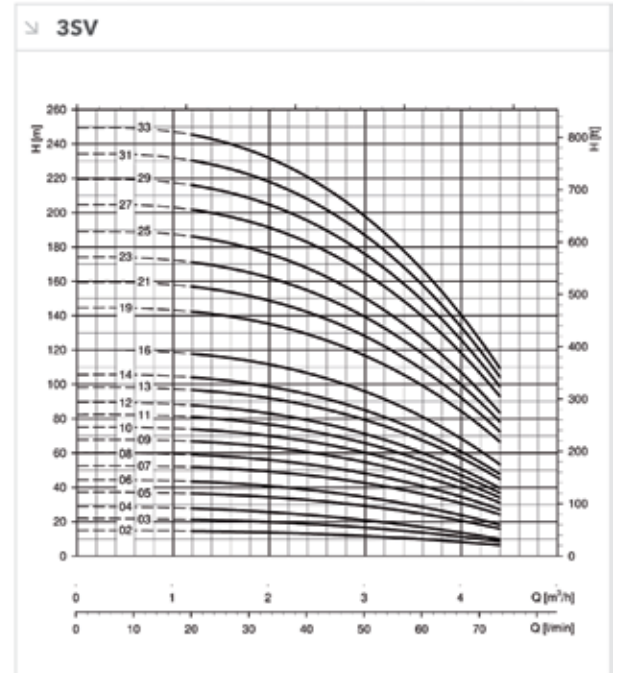
e-SV Counterflange Kits

- 304 stainless steel threaded flange kits

Sub-Section : LWSV			
Model	To Suit	Part No.	
25mm 4 holes - 304SS	Suit 1-3 eSV	LWSV 109.398.001	\$146

e-SV 3 Series**Stainless Steel Vertical Multi-stage Pumps - rated up to 25 bar**

- All wetted components manufactured in stainless steel
- All 316L Stainless steel construction available POA
- In line configuration with round flanges
- Motor IP55
- Temperature range -30°C to 120°C
- Price does not include flange kits
- 2 Year Warranty on e-SV Multi-stage pumps



All images and curves are a visual guide only.

Sub-Section : LWSV			Sub-Section : LWSV		
Model	kW	1 Phase	Model	kW	3 Phase
3SV02F003M	0.37	\$1,733	3SV02F003T	0.37	\$1,619
3SV03F003M	0.37	\$1,767	3SV03F003T	0.37	\$1,673
3SV04F003M	0.37	\$1,800	3SV04F003T	0.37	\$1,712
3SV05F005M	0.55	\$1,874	3SV05F005T	0.55	\$1,762
3SV06F005M	0.55	\$1,913	3SV06F005T	0.55	\$1,788
3SV07F007M	0.75	\$2,051	3SV07F007T	0.75	\$1,938
3SV08F007M	0.75	\$2,293	3SV08F007T	0.75	\$1,967
3SV09F011M	1.10	\$2,374	3SV09F011T	1.10	\$2,078
3SV10F011M	1.10	\$2,461	3SV10F011T	1.10	\$2,133
3SV11F011M	1.10	\$2,584	3SV11F011T	1.10	\$2,257
3SV12F011M	1.10	\$2,643	3SV12F011T	1.10	\$2,347
3SV13F015M	1.50	\$2,775	3SV13F015T	1.50	\$2,445
3SV14F015M	1.50	\$2,961	3SV14F015T	1.50	\$2,607
3SV16F015M	1.50	\$3,354	3SV16F015T	1.50	\$2,961
3SV19F022M	2.20	\$3,531	3SV19F022T	2.20	\$3,141
3SV21F022M	2.20	\$3,686	3SV21F022T	2.20	\$3,301
3SV23F022M	2.20	\$3,868	3SV23F022T	2.20	\$3,443
3SV25F022M	2.20	\$4,093	3SV25F022T	2.20	\$3,625
			3SV27F030T	3.00	\$3,827
			3SV29F030T	3.00	\$3,998
			3SV31F030T	3.00	\$4,083
			3SV33F030T	3.00	\$4,306

e-SV Counterflange Kits

- 304 stainless steel threaded flange kits

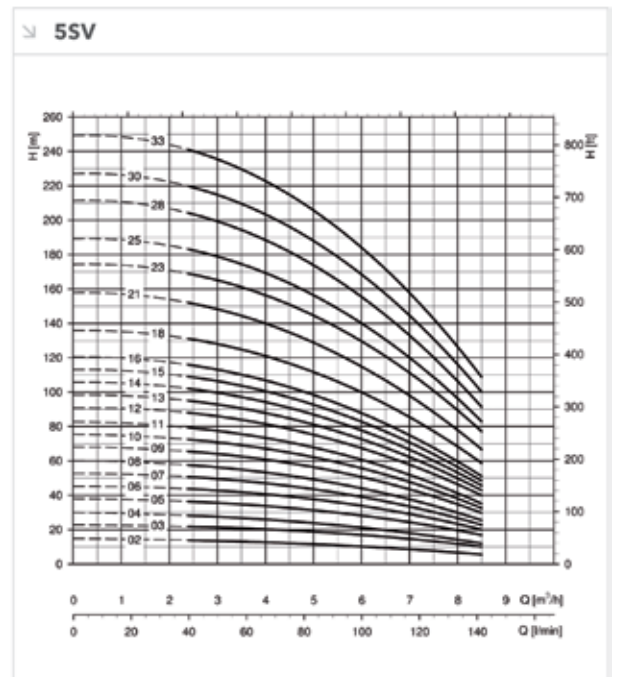
Sub-Section : LWSV			
Model	To Suit	Part No.	
25mm 4 holes - 304SS	Suit 1-3 eSV	LWSV 109.398.001	\$146

e-SV 5 Series

Stainless Steel Vertical Multi-stage Pumps - rated up to 25 bar

- All wetted components manufactured in stainless steel
- All 316L Stainless steel construction available POA
- In line configuration with round flanges
- Motor IP55
- Temperature range -30°C to 120°C
- Price does not include flange kits
- 2 Year Warranty on e-SV Multi-stage pumps

Sub-Section : LWSV			Sub-Section : LWSV		
Model	kW	1 Phase	Model	kW	3 Phase
5SV02F003M	0.37	\$1,843	5SV02F003T	0.37	\$1,829
5SV03F005M	0.55	\$1,901	5SV03F005T	0.55	\$1,849
5SV04F005M	0.55	\$2,029	5SV04F005T	0.55	\$1,972
5SV05F007M	0.75	\$2,231	5SV05F007T	0.75	\$2,071
5SV06F011M	1.10	\$2,438	5SV06F011T	1.10	\$2,183
5SV07F011M	1.10	\$2,512	5SV07F011T	1.10	\$2,257
5SV08F011M	1.10	\$2,584	5SV08F011T	1.10	\$2,352
5SV09F015M	1.50	\$2,984	5SV09F015T	1.50	\$2,634
5SV10F015M	1.50	\$3,024	5SV10F015T	1.50	\$2,738
5SV11F015M	1.50	\$3,122	5SV11F015T	1.50	\$2,852
5SV12F022M	2.20	\$3,354	5SV12F022T	2.20	\$3,052
5SV13F022M	2.20	\$3,434	5SV13F022T	2.20	\$3,130
5SV14F022M	2.20	\$3,531	5SV14F022T	2.20	\$3,207
5SV15F022M	2.20	\$3,604	5SV15F022T	2.20	\$3,286
5SV16F022M	2.20	\$3,658	5SV16F022T	2.20	\$3,363
			5SV18F030T	3.00	\$3,746
			5SV21F030T	3.00	\$3,909
			5SV23F040T	4.00	\$4,110
			5SV25F040T	4.00	\$4,268
			5SV28F040T	4.00	\$4,441
			5SV30F055T	5.50	\$5,053
			5SV33F055T	5.50	\$5,298



All images and curves are a visual guide only.

e-SV Counterflange Kits

- 304 stainless steel threaded flange kits

Sub-Section : LWSV			
Model	To Suit	Part No.	
32mm 4 holes - 304SS	Suit 5 eSV	LWSV 109.398.011	\$193

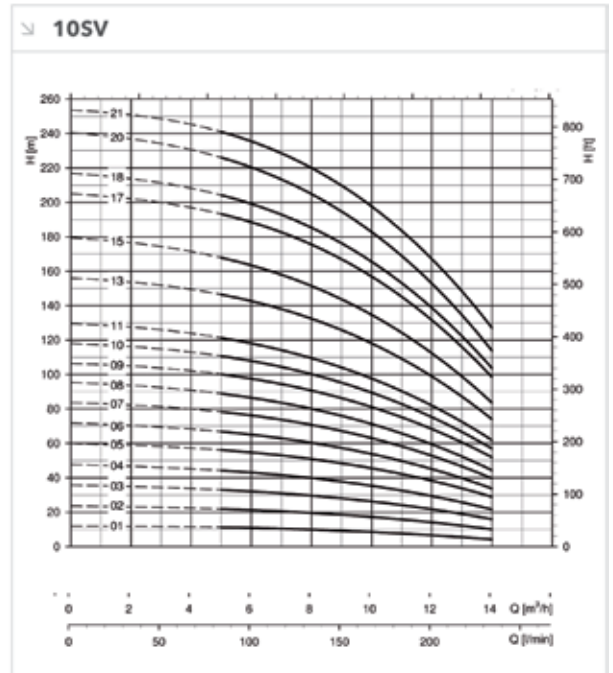
e-SV 10 Series**Stainless Steel Vertical Multi-stage Pumps - rated up to 25 bar**

- All wetted components manufactured in stainless steel
- All 316L Stainless steel construction available POA
- In line configuration with round flanges
- Motor IP55
- Temperature range -30°C to 120°C
- Price does not include flange kits
- 2 Year Warranty on e-SV Multi-stage pumps



Sub-Section : LWSV		
Model	kW	1 Phase
10SV01F007M	0.75	\$2,484
10SV02F007M	0.75	\$2,586
10SV03F011M	1.10	\$2,965
10SV04F015M	1.50	\$3,381
10SV05F022M	2.20	\$3,705
10SV06F022M	2.20	\$3,854

Sub-Section : LWSV		
Model	kW	3 Phase
10SV01F007T	0.75	\$2,408
10SV02F007T	0.75	\$2,469
10SV03F011T	1.10	\$2,851
10SV04F015T	1.50	\$3,205
10SV05F022T	2.20	\$3,362
10SV06F022T	2.20	\$3,559
10SV07F030T	3.00	\$3,934
10SV08F030T	3.00	\$4,079
10SV09F040T	4.00	\$4,395
10SV10F040T	4.00	\$4,820
10SV11F040T	4.00	\$5,187
10SV13F055T	5.50	\$6,123
10SV15F055T	5.50	\$6,312
10SV17F075T	7.50	\$6,842
10SV18F075T	7.50	\$7,047
10SV20F075T	7.50	\$7,374
10SV21F110T	11.0	\$9,203

**e-SV Counterflange Kits**

- 304 stainless steel threaded flange kits

Sub-Section : LWSV			
Model	To Suit	Part No.	
40mm 4 holes - 304SS	Suit 10 eSV	LWSV 109.398.021	\$226

e-SV 15 Series

Stainless Steel Vertical Multi-stage Pumps - rated up to 25 bar

- All wetted components manufactured in stainless steel
- All 316L Stainless steel construction available POA
- In line configuration with round flanges
- Motor IP55
- Temperature range -30°C to 120°C
- Price does not include flange kits
- 2 Year Warranty on e-SV Multi-stage pumps

Sub-Section : LWSV			Sub-Section : LWSV		
Model	kW	1 Phase	Model	kW	3 Phase
15SV01F011M	1.10	\$3,536	15SV01F011T	1.10	\$3,249
15SV02F022M	2.20	\$3,759	15SV02F022T	2.20	\$3,506
			15SV03F030T	3.00	\$3,980
			15SV04F040T	4.00	\$4,603
			15SV05F040T	4.00	\$4,758
			15SV06F055T	5.50	\$5,824
			15SV07F055T	5.50	\$6,052
			15SV08F075T	7.50	\$6,920
			15SV09F075T	7.50	\$7,261
			15SV10F110T	11.0	\$8,711
			15SV11F110T	11.0	\$8,836
			15SV13F110T	11.0	\$9,049
			15SV15F150T	15.0	\$9,856
			15SV17F150T	15.0	\$11,607

e-SV 22 Series

Stainless Steel Vertical Multi-stage Pumps - rated up to 25 bar

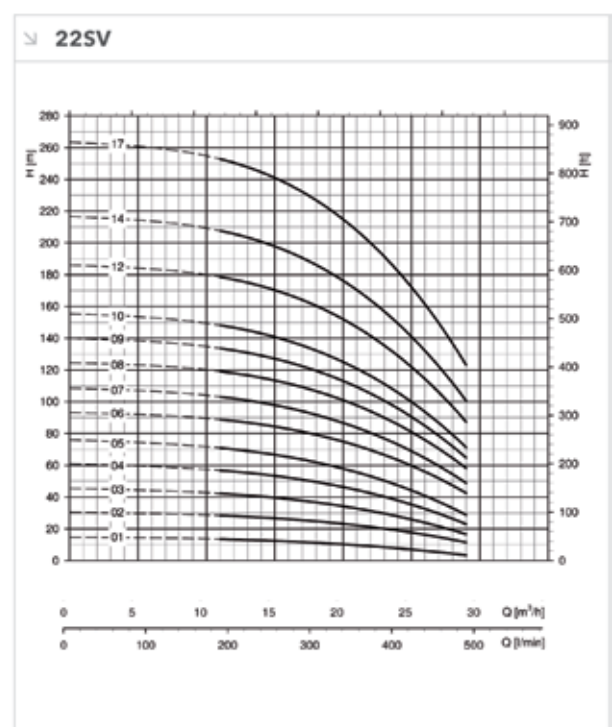
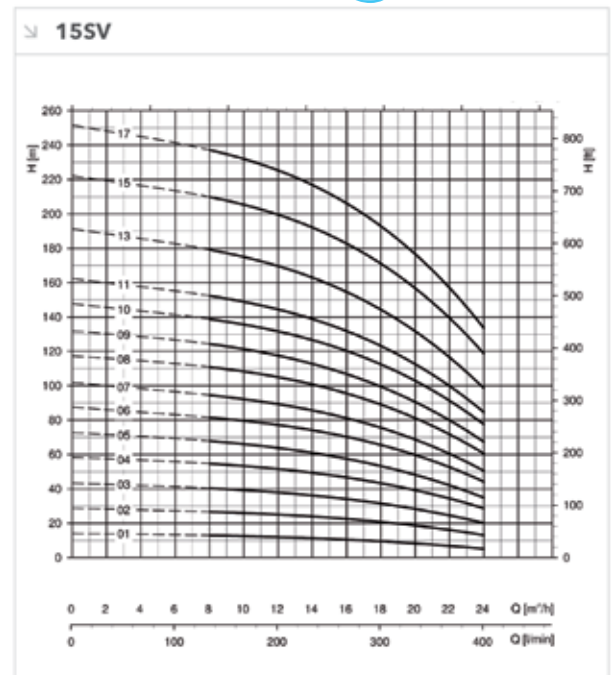
- All wetted components manufactured in stainless steel
- All 316L Stainless steel construction available POA
- In line configuration with round flanges
- Motor IP55
- Temperature range -30°C to 120°C
- Price does not include flange kits
- 2 Year Warranty on e-SV Multi-stage pumps

Sub-Section : LWSV			Sub-Section : LWSV		
Model	kW	1 Phase	Model	kW	3 Phase
22SV01F011M	1.10	\$3,733	22SV01F011T	1.10	\$3,326
22SV02F022M	2.20	\$4,158	22SV02F022T	2.20	\$3,755
			22SV03F030T	3.00	\$5,033
			22SV04F040T	4.00	\$6,105
			22SV05F055T	5.50	\$6,335
			22SV06F075T	7.50	\$7,309
			22SV07F075T	7.50	\$7,549
			22SV08F110T	11.0	\$9,358
			22SV09F110T	11.0	\$9,580
			22SV10F110T	11.0	\$9,832
			22SV12F150T	15.0	\$11,746
			22SV14F150T	15.0	\$12,222
			22SV17F185T	18.5	\$14,361

e-SV Counterflange Kits

- 304 stainless steel threaded flange kits

Sub-Section : LWSV			
Model	To Suit	Part No.	
50mm 4 holes - 304SS	Suit 15-22 eSV	LWSV 109.398.031	\$241



e-SV Series - Rotating Elements

e-SV 1, 3, 5 Rotating Elements

Stainless Steel Vertical Multi-stage Pumps Rotating Elements

- All wetted components manufactured in stainless steel
- Mechanical seal included in price
 - For e-SV1-3-5 P/No. LWSPKL01AAD
 - For e-SV10-15-20 up to 4kW P/No. LWSPKL01AAE
 - For e-SV10-15-20 above 5.5kW P/No. LWSPKL01AD7



Sub-Section : LWRE		
Model	Part No.	e-SV 1
1SV03F003	LWRE1SV03F-KIT	\$905
1SV04F003	LWRE1SV04F-KIT	\$991
1SV05F003	LWRE1SV05F-KIT	\$1,067
1SV06F003	LWRE1SV06F-KIT	\$1,148
1SV07F003	LWRE1SV07F-KIT	\$1,231
1SV08F005	LWRE1SV08F-KIT	\$1,306
1SV09F005	LWRE1SV09F-KIT	\$1,398
1SV10F005	LWRE1SV10F-KIT	\$1,479
1SV11F005	LWRE1SV11F-KIT	\$1,737
1SV12F007	LWRE1SV12F-KIT	\$1,820
1SV13F007	LWRE1SV13F-KIT	\$1,896
1SV15F007	LWRE1SV15F-KIT	\$2,053
1SV17F011	LWRE1SV17F-KIT	\$2,219
1SV19F011	LWRE1SV19F-KIT	\$2,379
1SV22F011	LWRE1SV22F-KIT	\$2,806
1SV25F015	LWRE1SV25F-KIT	\$3,043
1SV27F015	LWRE1SV27F-KIT	\$3,197
1SV30F015	LWRE1SV30F-KIT	\$3,668
1SV32F022	LWRE1SV32F-KIT	\$3,826
1SV34F022	LWRE1SV34F-KIT	\$3,988
1SV37F022	LWRE1SV37F-KIT	\$4,404

Sub-Section : LWRE		
Model	Part No.	e-SV 3
3SV02F003	LWRE3SV02F-KIT	\$891
3SV03F003	LWRE3SV03F-KIT	\$905
3SV04F003	LWRE3SV04F-KIT	\$979
3SV05F005	LWRE3SV05F-KIT	\$1,052
3SV06F005	LWRE3SV06F-KIT	\$1,141
3SV07F007	LWRE3SV07F-KIT	\$1,209
3SV08F007	LWRE3SV08F-KIT	\$1,299
3SV09F011	LWRE3SV09F-KIT	\$1,384
3SV10F011	LWRE3SV10F-KIT	\$1,732
3SV11F011	LWRE3SV11F-KIT	\$1,802
3SV12F011	LWRE3SV12F-KIT	\$1,876
3SV13F015	LWRE3SV13F-KIT	\$1,959
3SV14F015	LWRE3SV14F-KIT	\$2,117
3SV16F015	LWRE3SV16F-KIT	\$2,366
3SV19F022	LWRE3SV19F-KIT	\$2,727
3SV21F022	LWRE3SV21F-KIT	\$2,880
3SV23F022	LWRE3SV23F-KIT	\$3,043
3SV25F022	LWRE3SV25F-KIT	\$3,197
3SV27F030	LWRE3SV27F-KIT	\$3,559
3SV29F030	LWRE3SV29F-KIT	\$3,720
3SV31F030	LWRE3SV31F-KIT	\$3,874
3SV33F030	LWRE3SV33F-KIT	\$5,072

Sub-Section : LWRE		
Model	Part No.	e-SV 5
5SV02F003	LWRE5SV02F-KIT	\$848
5SV03F005	LWRE5SV03F-KIT	\$934
5SV04F005	LWRE5SV04F-KIT	\$1,024
5SV05F007	LWRE5SV05F-KIT	\$1,099
5SV06F011	LWRE5SV06F-KIT	\$1,186
5SV07F011	LWRE5SV07F-KIT	\$1,272
5SV08F011	LWRE5SV08F-KIT	\$1,359
5SV09F015	LWRE5SV09F-KIT	\$1,635
5SV10F015	LWRE5SV10F-KIT	\$1,737
5SV11F015	LWRE5SV11F-KIT	\$1,820
5SV12F022	LWRE5SV12F-KIT	\$1,906
5SV13F022	LWRE5SV13F-KIT	\$1,981
5SV14F022	LWRE5SV14F-KIT	\$2,073
5SV15F022	LWRE5SV15F-KIT	\$2,163
5SV16F022	LWRE5SV16F-KIT	\$2,248
5SV18F030	LWRE5SV18F-KIT	\$2,632
5SV21F030	LWRE5SV21F-KIT	\$2,889
5SV23F040	LWRE5SV23F-KIT	\$3,247
5SV25F040	LWRE5SV25F-KIT	\$3,414
5SV28F040	LWRE5SV28F-KIT	\$3,679
5SV30F055	LWRE5SV30F-KIT	\$4,028
5SV33F055	LWRE5SV33F-KIT	\$4,294

All images and curves are a visual guide only.

e-SV 10, 15, 22 Rotating Elements

Stainless Steel Vertical Multi-stage Pumps Rotating Elements

- All wetted components manufactured in stainless steel
- Mechanical seal included in price
 - For e-SV1-3-5 P/No. LWSPKL01AAD
 - For e-SV10-15-20 up to 4kW P/No. LWSPKL01AAE
 - For e-SV10-15-20 above 5.5kW P/No. LWSPKL01AD7



Sub-Section : LWRE		
Model	Part No.	e-SV 10
10SV01F007	LWRE10SV01F-KIT	\$1,096
10SV02F007	LWRE10SV02F-KIT	\$1,130
10SV03F011	LWRE10SV03F-KIT	\$1,265
10SV04F015	LWRE10SV04F-KIT	\$1,415
10SV05F022	LWRE10SV05F-KIT	\$1,548
10SV06F022	LWRE10SV06F-KIT	\$1,693
10SV07F030	LWRE10SV07F-KIT	\$1,825
10SV08F030	LWRE10SV08F-KIT	\$1,964
10SV09F040	LWRE10SV09F-KIT	\$2,098
10SV10F040	LWRE10SV10F-KIT	\$2,527
10SV11F040	LWRE10SV11F-KIT	\$2,658
10SV13F055	LWRE10SV13F-KIT	\$3,299
10SV15F055	LWRE10SV15F-KIT	\$3,318
10SV17F075	LWRE10SV17F-KIT	\$3,853
10SV18F075	LWRE10SV18F-KIT	\$4,022
10SV20F075	LWRE10SV20F-KIT	\$4,296
10SV21F110	LWRE10SV21F-KIT	\$4,442

Sub-Section : LWRE		
Model	Part No.	e-SV 15
15SV01F011	LWRE15SV01F-KIT	\$1,218
15SV02F022	LWRE15SV02F-KIT	\$1,350
15SV03F030	LWRE15SV03F-KIT	\$1,605
15SV04F040	LWRE15SV04F-KIT	\$1,878
15SV05F040	LWRE15SV05F-KIT	\$2,133
15SV06F055	LWRE15SV06F-KIT	\$2,707
15SV07F055	LWRE15SV07F-KIT	\$3,031
15SV08F075	LWRE15SV08F-KIT	\$3,289
15SV09F075	LWRE15SV09F-KIT	\$3,543
15SV10F110	LWRE15SV10F-KIT	\$3,794
15SV11F110	LWRE15SV11F-KIT	\$4,046
15SV13F110	LWRE15SV13F-KIT	\$4,833
15SV15F150	LWRE15SV15F-KIT	\$5,350
15SV17F150	LWRE15SV17F-KIT	\$5,877

Sub-Section : LWRE		
Model	Part No.	e-SV 22
22SV01F011	LWRE22SV01F-KIT	\$1,193
22SV02F022	LWRE22SV02F-KIT	\$1,328
22SV03F030	LWRE22SV03F-KIT	\$1,589
22SV04F040	LWRE22SV04F-KIT	\$1,842
22SV05F055	LWRE22SV05F-KIT	\$2,263
22SV06F075	LWRE22SV06F-KIT	\$2,527
22SV07F075	LWRE22SV07F-KIT	\$3,031
22SV08F110	LWRE22SV08F-KIT	\$3,318
22SV09F110	LWRE22SV09F-KIT	\$3,581
22SV10F110	LWRE22SV10F-KIT	\$3,856
22SV12F150	LWRE22SV12F-KIT	\$4,422
22SV14F150	LWRE22SV14F-KIT	\$5,111
22SV17F185	LWRE22SV17F-KIT	\$5,723

All images and curves are a visual guide only.

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



Check out our website!

www.brownbros.co.nz

e-SV Series (33, 46, 66 & 92)

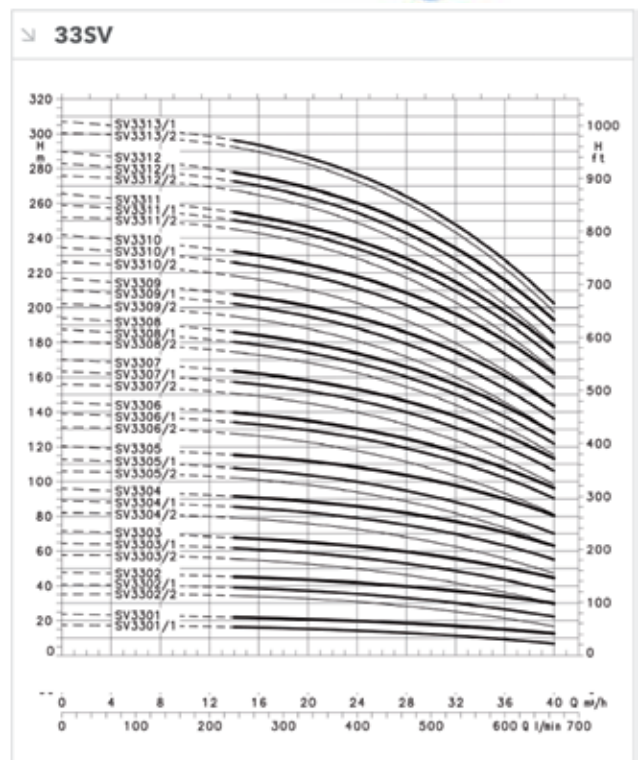
e-SV 33 Series

Stainless Steel Vertical Multi-stage Pumps - Up to 40 bar as shown

- All 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
- Counter flanges available refer page 73
- Please note flanges not included in price
- 2 Year Warranty on e-SV Multi-stage pumps



Sub-Section : LWSV			
Model	kW	Flange Rating	3 Phase
SV33-01/1G22T	2.20	16 bar	\$5,395
SV33-01G30T	3.00	16 bar	\$5,395
SV33-02/2G40T	4.00	16 bar	\$6,406
SV33-02/1G40T	4.00	16 bar	\$6,406
SV33-02G55T	5.50	16 bar	\$7,638
SV33-03/2G55T	5.50	16 bar	\$7,995
SV33-03/1G75T	7.50	16 bar	\$8,704
SV33-03G75T	7.50	16 bar	\$8,704
SV33-04/2G75T	7.50	16 bar	\$9,924
SV33-04/1G110T	11.00	16 bar	\$11,607
SV33-04G110T	11.00	16 bar	\$11,607
SV33-05/2G110T	11.00	16 bar	\$12,160
SV33-05/1G110T	11.00	16 bar	\$12,160
SV33-05G150T	15.00	16 bar	\$13,672
SV33-06/2G150T	15.00	16 bar	\$14,310
SV33-06/1G150T	15.00	25 bar	\$14,310
SV33-06G150T	15.00	25 bar	\$14,310
SV33-07/2G150T	15.00	25 bar	\$14,621
SV33-07/1G185T	18.50	25 bar	\$17,580
SV33-07G185T	18.50	25 bar	\$17,580
SV33-08/2G185T	18.50	25 bar	\$17,884
SV33-08/1G185T	18.50	25 bar	\$17,884
SV33-08G220T	22.00	25 bar	\$19,431
SV33-09/2G220T	22.00	25 bar	\$19,719
SV33-09/1G220T	22.00	25 bar	\$19,719
SV33-09G220T	22.00	25 bar	\$19,719
SV33-10/2G220T	22.00	25 bar	\$20,432
SV33-10/1G300T	30.00	25 bar	\$24,102
SV33-10G300T	30.00	25 bar	\$24,102
SV33-11/2G300T	30.00	40 bar	\$24,256
SV33-11/1G300T	30.00	40 bar	\$24,256
SV33-11G300T	30.00	40 bar	\$24,256
SV33-12/2G300T	30.00	40 bar	\$24,775
SV33-12/1G300T	30.00	40 bar	\$24,775
SV33-12G300T	30.00	40 bar	\$24,775
SV33-13/2G300T	30.00	40 bar	\$25,789
SV33-13/1G300T	30.00	40 bar	\$25,789



All images and curves are a visual guide only.

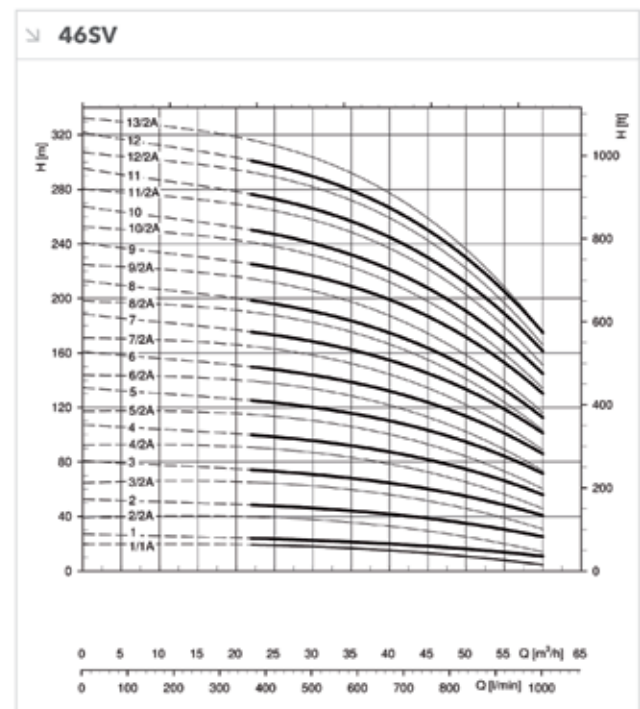
e-SV 46 Series

Stainless Steel Vertical Multi-stage Pumps - Up to 40 bar as shown

- All 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
- Counter flanges available refer page 73
- Please note flanges not included in price
- 2 Year Warranty on e-SV Multi-stage pumps



Sub-Section : LWSV			
Model	kW	Flange Rating	3 Phase
SV46-01/1G30T	3.00	16 bar	\$6,047
SV46-01G40T	4.00	16 bar	\$6,194
SV46-02/2G55T	5.50	16 bar	\$7,457
SV46-02G75T	7.50	16 bar	\$8,662
SV46-03/2G110T	11.00	16 bar	\$10,886
SV46-03G110T	11.00	16 bar	\$10,886
SV46-04/2G150T	15.00	16 bar	\$13,518
SV46-04G150T	15.00	16 bar	\$13,518
SV46-05/2G185T	18.50	16 bar	\$16,696
SV46-05G185T	18.50	16 bar	\$16,696
SV46-06/2G220T	22.00	25 bar	\$18,600
SV46-06G220T	22.00	25 bar	\$18,600
SV46-07/2G300T	30.00	25 bar	\$21,028
SV46-07G300T	30.00	25 bar	\$21,028
SV46-08/2G300T	30.00	25 bar	\$22,296
SV46-08G300T	30.00	25 bar	\$22,296
SV46-09/2G300T	30.00	25 bar	\$23,001
SV46-09G370T	37.00	25 bar	\$26,066
SV46-10/2G370T	37.00	40 bar	\$26,770
SV46-10G370T	37.00	40 bar	\$26,770
SV46-11/2G450T	45.00	40 bar	\$33,923
SV46-11G450T	45.00	40 bar	\$33,923
SV46-12/2G450T	45.00	40 bar	\$34,674
SV46-12G450T	45.00	40 bar	\$34,674
SV46-13/2G450T	45.00	40 bar	\$35,431



All images and curves are a visual guide only.

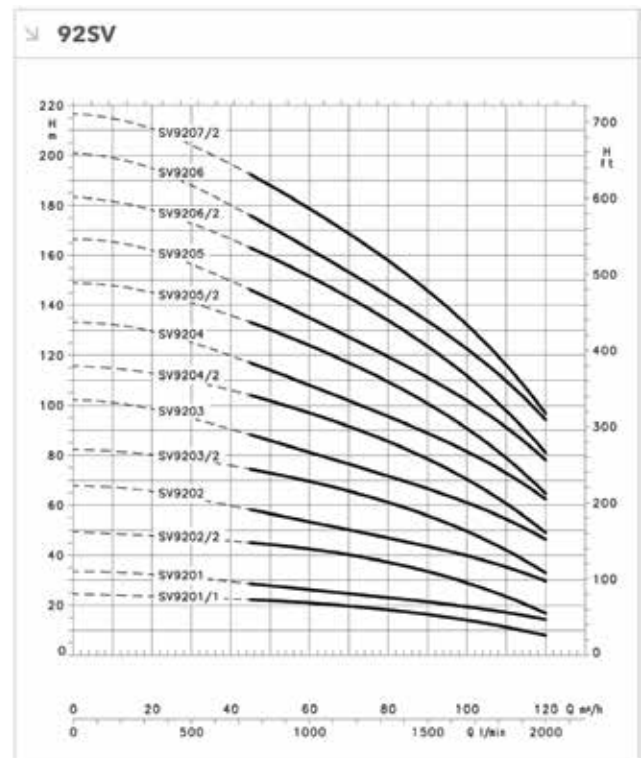
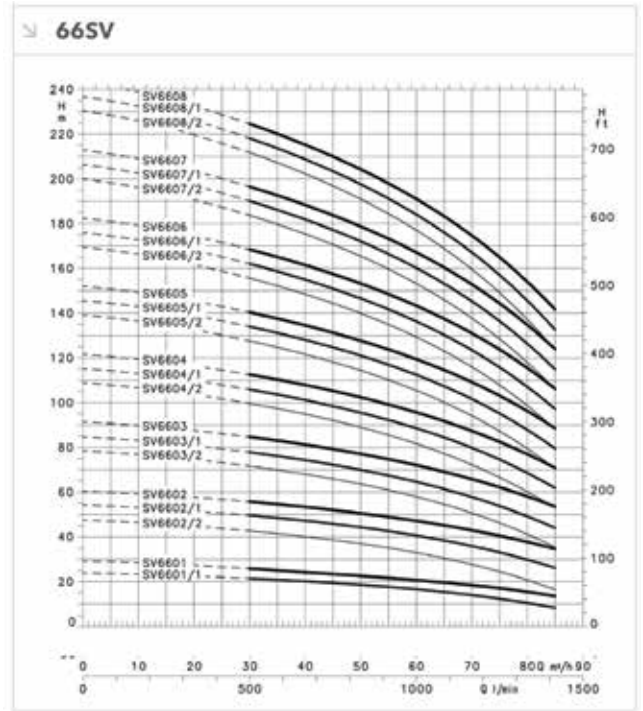
e-SV 66 & 92 Series

Stainless Steel Vertical Multi-stage Pumps - Up to 40 bar as shown

- All 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
- Counter flanges available refer page 73
- Please note flanges not included in price
- 2 Year Warranty on e-SV Multi-stage pumps
- All Prices for e-SV125 Series pumps available on request

**Sub-Section : LWSV**

Model	kW	Flange Rating	3 Phase
SV66-01/1G40T	4.00	16 bar	\$6,989
SV66-01G55T	5.50	16 bar	\$7,654
SV66-02/2G75T	7.50	16 bar	\$8,872
SV66-02/1G110T	11.00	16 bar	\$10,123
SV66-02G110T	11.00	16 bar	\$10,123
SV66-03/2G150T	15.00	16 bar	\$12,675
SV66-03/1G150T	15.00	16 bar	\$12,675
SV66-03G185T	18.50	16 bar	\$14,410
SV66-04/2G185T	18.50	16 bar	\$15,302
SV66-04/1G220T	22.00	16 bar	\$16,809
SV66-04G220T	22.00	16 bar	\$16,809
SV66-05/2G300T	30.00	16 bar	\$19,351
SV66-05/1G300T	30.00	16 bar	\$19,351
SV66-05G300T	30.00	16 bar	\$19,351
SV66-06/2G300T	30.00	25 bar	\$20,092
SV66-06G370T	37.00	25 bar	\$23,200
SV66-07/2G370T	37.00	25 bar	\$24,399
SV66-07/1G370T	37.00	25 bar	\$24,399
SV66-07G450T	45.00	25 bar	\$32,417
SV66-08/2G450T	45.00	25 bar	\$33,157
SV66-08/1G450T	45.00	25 bar	\$33,157
SV66-08G450T	45.00	25 bar	\$33,157

**Sub-Section : LWSV**

Model	kW	Flange Rating	3 Phase
SV92-01/1G55T	5.50	16 bar	\$7,869
SV92-01G75T	7.50	16 bar	\$8,775
SV92-02/2G110T	11.00	16 bar	\$11,256
SV92-02G150T	15.00	16 bar	\$14,140
SV92-03/2G185T	18.50	16 bar	\$16,684
SV92-03G220T	22.00	16 bar	\$18,520
SV92-04/2G300T	30.00	16 bar	\$20,923
SV92-04G300T	30.00	16 bar	\$20,923
SV92-05/2G370T	37.00	25 bar	\$24,672
SV92-05G370T	37.00	25 bar	\$24,672
SV92-06/2G450T	45.00	25 bar	\$31,037
SV92-06G450T	45.00	25 bar	\$31,037
SV92-07/2G450T	45.00	25 bar	\$32,793

e-SV Smart Pumps

SVE Series

- AISI 304 stainless steel pumps, IP55
- Permanent magnet IE5 motor
- Variable speed drive
- Ultra premium efficiency
- 240 volt single phase
- To AS/NZS 4020
- 2 Year Warranty

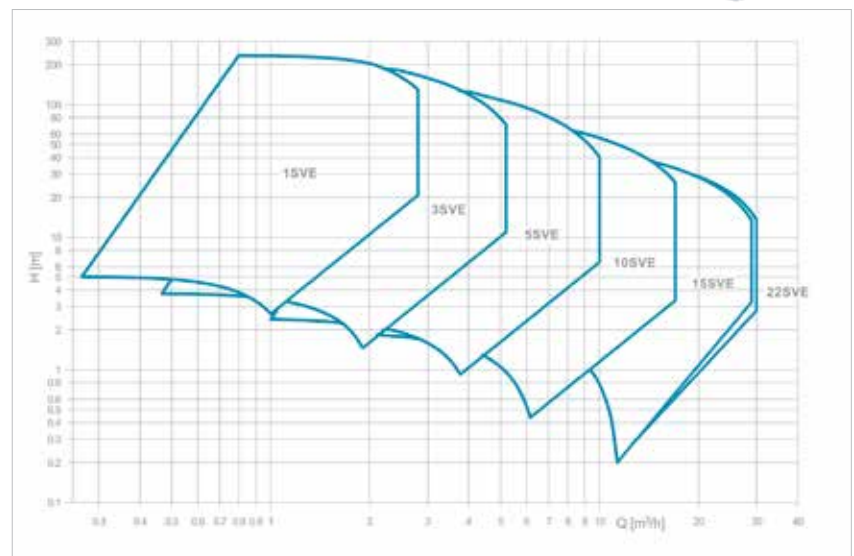
SVE Series - includes pressure transducer

Product Code: LWVS		
Model	kW	1 Phase
SMT/3SVE05M	0.55	\$3,999
SMT/3SVE07M	0.75	\$4,348
SMT/3SVE09M	1.10	\$4,918
SMT/3SVE11M	1.50	\$5,389
SMT/5SVE06M	1.10	\$4,982
SMT/5SVE08M	1.50	\$5,383
SMT/10SVE03M	1.50	\$5,535

Product Code: LWVS		
Model	kW	3 Phase
SMT/5SVE06T	1.10	\$6,010
SMT/5SVE08T	1.50	\$6,156
SMT/10SVE03T	1.50	\$6,432
SMT/10SVE04T	2.20	\$7,132
SMT/15SVE02T	2.20	\$7,388

Counterflange Kits

Model	Part No.	
25MM FLANGE KIT	LWSV 109.398.001	\$146
32MM FLANGE KIT	LWSV 109.398.011	\$193
40MM FLANGE KIT	LWSV 109.398.021	\$226
50MM FLANGE KIT	LWSV 109.398.031	\$241



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Smart Pump booster systems are also available page 69.



Energy Saving Calculator Example - Variable Frequency Drive

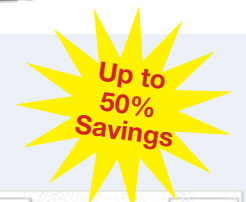
The most common applications of using variable frequency drives are pumps and fans. Suppose 24/7 operating, a constant pressure water supply system's pump, controlled by VFD, may save as high as 50% on your operating energy costs.

*The "exact energy saving" is not possible to be calculated, due to many things going on when the variable speed drive application is working, load change, material characteristics, mechanical couplings, pipe sizing etc. Source: www.vfds.org/vfd-savings-calculator.html

VFD Running Cost Savings - 1.1kW Pump

% Speed	% Hour	
100%	10	
90%	20	
80%	25	
70%	20	
60%	10	Hours / Day 4
50%	10	Days / Week 7
40%	5	Hours / Week 28
30%	0	Hours / Year 1,460
20%	0	
10%	0	
	100 %	

Motor size (HP): 1.5	Efficiency (%): 90
Input voltage (V): 240	Frequency (Hz): 50
Full load current (A): 6	Speed (RPM): 3600
Full load input power (kW): 2.2 kW	
VFD Cost (\$): 1800	
Electricity rate (\$/kWh): 0.34	
Estimate annual operation cost without VFD: 1,113 \$	
Estimate annual operation cost with VFD: 561 \$	
Your Annual savings: 552 \$	
Payback time: 39.10 Months	



4. VARIABLE SPEED DRIVES & CONTROLLERS

Variable Speed Drives

HYDROVAR® X

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

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

hydrovar® X



Product Code: LWVS		
Model	kW	415 V 3 Phase 50Hz
10SVX06F030T	3.0	\$9,699
10SVX08F040T	4.0	\$11,435
15SVX02F030T	3.0	\$8,917
15SVX03F040T	4.0	\$11,006
15SVX05F055T	5.5	\$12,858
15SVX07F075T	7.5	\$15,505
22SVX02F030T	3.0	\$9,048
22SVX03F040T	4.0	\$10,945
22SVX04F055T	5.5	\$12,344
22SVX05F075T	7.5	\$12,542
22SVX07F110T	11.0	\$14,424

Product Code: LWVS		
Model	kW	415 V 3 Phase 50Hz
33SVX02F075T	7.5	\$17,498
33SVX03F110T	11.0	\$21,802
33SVX04F150T	15.0	\$24,742
33SVX05F185T	18.5	\$28,618
33SVX06F220T	22.0	\$30,827
46SVX02F110T	11.0	\$18,359
46SVX03F150T	15.0	\$26,330
46SVX04F185T	18.5	\$28,302
46SVX05F220T	22.0	\$34,442
66SVX02F150T	15.0	\$25,387
66SVX03F185T	18.5	\$29,277
66SVX04F220T	22.0	\$32,696

All images and curves are a visual guide only.

HYDROVAR®

- 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
HVL2.022-A0010-2.2KW-KIT	2.20	\$4,414
HVL2.030-A0010-3.0KW-KIT	3.00	\$4,724
HVL2.040-A0010-4.0KW-KIT	4.00	\$5,759

Product Code: HVAR		
Model	kW	415 V 3 Phase 50Hz
HVL4.015-A0010-1.5KW-KIT	1.50	\$4,047
HVL4.022-A0010-2.2KW-KIT	2.20	\$4,414
HVL4.030-A0010-3.0KW-KIT	3.00	\$4,724
HVL4.040-A0010-4.0KW-KIT	4.00	\$5,759
HVL4.055-A0010-5.5KW-KIT	5.50	\$6,353
HVL4.075-A0010-7.5KW-KIT	7.50	\$7,081
HVL4.110-A0010-11KW-KIT	11.00	\$7,511
HVL4.150-A0010-15KW-KIT	15.00	\$9,462
HVL4.185-A0010-18.5KW-KIT	18.50	\$9,998
HVL4.220-A0010-22KW-KIT	22.00	\$11,055

Hydrovar Gen 5 Accessories

Generation 5 - Transducers & Leads

Part No	Description	
HVAR TRANSDUCER 10BAR	0-10 bar Type Pressure Transducer	\$297
HVAR TRANSDUCER 16BAR	0-16 bar Type Pressure Transducer	\$297
HVAR TRANSDUCER 25BAR	0-25 bar Type Pressure Transducer	\$297
HVAR TRANSDUCER 40BAR	0-40 bar Type Pressure Transducer	\$319
HVSP VK2511531	10 Metre Transducer Lead & Plug	\$236

Hydrovar Generation 5 Accessories

Part No	Description	
HVSP 109730080	Premium Card	\$653
Hydrovar wall mounting kits and line filters are available on request		

Control Equipment

INCA Panels

Single and Dual pump controller

- Control / Protection of 1 Phase & 3 Phase Single & Dual Pressure Pac
- Manual and Automatic operation
- Audible fault alarm
- Pump run and fault outputs
- IP55 protection



Single Pump Control Panel



Top Alarm

Single Pump Submersible Control Panel	Stock code	
Single pump, 1 PH up to 1.5 kW	ICPA SP 1/1.5-S03VFC	\$2,540
Single pump, 3 PH, up to 4 kW	ICPA SP 1-3/4-S03VFC	\$2,454
Single pump, 3 PH, up to 7.5 kW	ICPA SP 1-3/7.5-S03VFC	\$3,090
Dual Pump Submersible Control Panel	Stock code	
Dual pump, 1 PH up to 2.2 kW	ICPA SP2-1/2.2VFC2	\$4,909
Dual pump, 3 PH up to 4 kW	ICPA SP2-3/4VFC2	\$5,111
Dual pump, 3 PH 5.5 kW to 7.5 kW	ICPA SP2-3/7.5VFC2	\$5,325

Dual Pump Control Panel	Stock code	
Dual pump, 1 PH up to 1.5 kW	ICPA MPJA 2-1/1.5 VFC2	\$4,731
Dual pump, 3 PH up to 4 kW	ICPA MPJA 2-3/4 VFC2	\$5,072
Dual pump, 3 PH up to 7.5 kW	ICPA MPJA 2-3/7.5 VFC2	\$5,268
Dual pump, 3 PH up to 11 kW	ICPA MPJA 2-3/11 VFC2	\$6,025

Miscellaneous Control Panels	Stock code	
Salupo Top Alarm (requires Float Switch SPSP7105931)	PANL TOPALARM	\$449
Float Switch	SPSP 7105931	\$145

Salupo Control Boxes

- Single and dual pump operation
- Submersible level control or pressure systems
- Dry run protection, voltage protection and current protection
- Hour run meter



Sub-Section : PANL			
Code	Model	kW	
SA684-1PH	Multiplus 1PH Single Pump	up to 2.2 *	\$765
SA687.02-3PH	Multiplus 3PH Single Pump	up to 7.5	\$895
SA694-1PH	Multiplus 1PH Dual Pump	up to 2.2	\$952
SA697.02-3PH	Multiplus 3PH Dual Pump	up to 7.5	\$1,144

* Single phase submersible borehole pump requires a capacitor.



Controllers

SteadyPres

- Variable speed constant pressure controller
- Programmable set & start pressures
- Over temperature protection
- Dry run / Excessive cycling protection
- Includes Plug & Play leads
- Single phase input / Single phase output (Except STMT12E)
- Programmable ramp time & max. current

Model	Sub-Section : DGPC	
STMM4.0	1.1 kw	\$1,615
STMM16	2.2 kw	\$2,124
STMT12E	2.2kw, 1PH - 3PH	\$2,094
STT8E	2.2kw, 3PH - 3PH	\$2,824



PresFlo Multi

- LCD Display
- Programmable start pressure & max. current
- Multi function pump controller with pressure tank
- Unions not included
- Includes Plug & Play leads
- 2 year warranty

Model	Sub-Section : DGPC	
PM 2.2 -KIT	1.5 kw	\$501



PresFlo

- Dry run / Excessive cycling protection
- Auto reset
- Preset start pressure controllers, with gauge
- Unions not included
- Includes Plug & Play leads
- 2 year warranty

Model	Sub-Section : DGPC	
PF 1.5 -KIT	1.5 kW, 1.5 bar start pressure	\$254
PF 2.2 -KIT	1.5 kW, 2.2 bar start pressure	\$254



Preset

- LCD Display
- Programmable start / stop pressures 1-9 bar
- Electronic pressure switch
- Unions not included
- 2 year warranty

Model	Sub-Section : DGPC	
PS16	1.5 kW	\$421



Barrel Union	Stainless Steel Unions - 25mm	\$27
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DG Fit (VSD)

- Variable speed electronic control device

Model	Sub-Section : DGPC	
TT06EB	2.2kW, 3 Phase-3 Phase	\$2,655
TT08EB	3kW, 3 Phase- 3 Phase	\$2,922
MM11	1.5kW, 1 Phase-1 Phase	\$2,475
MT08	1.5 kW, 1 Phase- 3 Phase	\$1,979
MM16	2.2 kW, 1 Phase-1 Phase	\$2,565



Watertech Press Control Units

- 2.2 Bar Start pressure

Model	Sub-Section : LWSP	
PCPLUS-01A22	PC Plus Control 2.2BAR	\$254
PRES-MACUNION	Press Control Union	\$40
MASCONTROL-R	Mascontrol	\$550



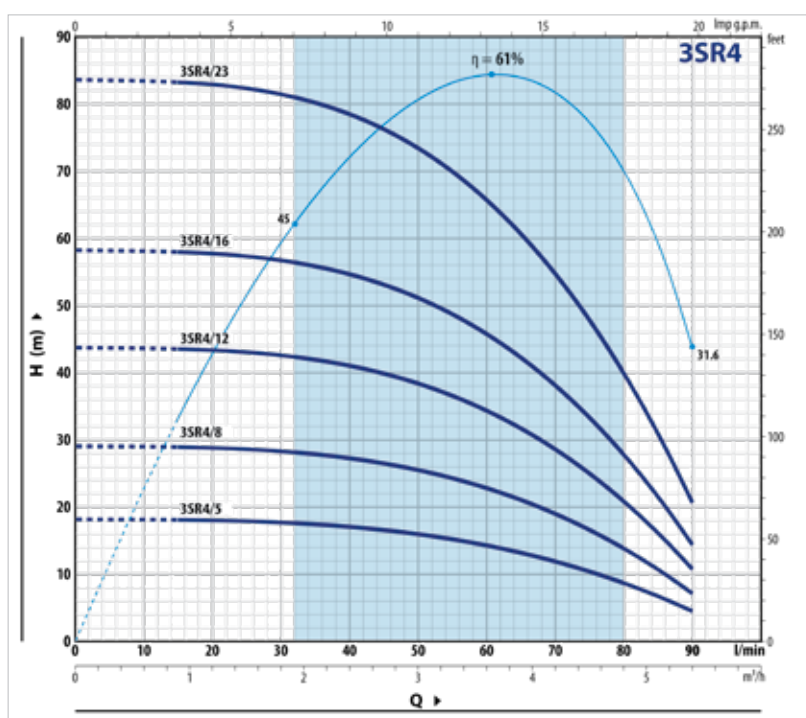
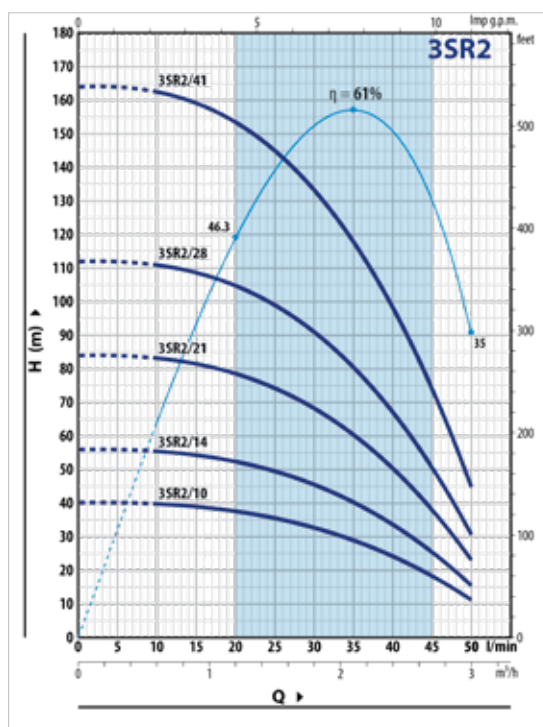
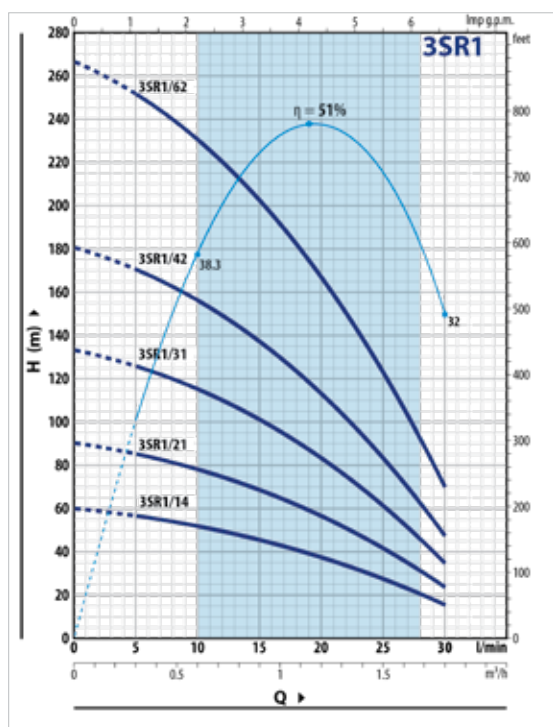
5. BOREHOLE PUMPS & MOTORS

Submersible Pumps

3SR 3" Submersible Pumps

- For 80 mm nominal bore & larger diameter wells
- Wet ends have 304 Stainless Steel outer casing
- Delrin impellers, Noryl diffusers
- Single Phase models include control box
- Price includes motor leads
- 1 Year Warranty on pumps and motors

Sub-Section : LIPM			
Model	kW	1 Phase	3 Phase
3SR1/14	0.25	\$1,893	-
3SR1/21	0.37	\$1,918	\$1,933
3SR2/14	0.37	\$1,799	\$1,807
3SR2/21	0.55	\$2,035	\$2,054
3SR2/28	0.75	\$2,404	\$2,449
3SR2/41	1.1	\$2,876	\$3,018
3SR4/12	0.55	\$1,862	\$1,871
3SR4/16	0.75	\$2,107	\$2,136
3SR4/23	1.1	\$2,472	\$2,594



All images and curves are a visual guide only.

e-GS 4" Series with Lowara motor

- For 100 mm nominal bore & larger diameter wells
- All pumps fitted with Lowara 4" motors
- Lowara electric motors are 94 mm in diameter or 98mm with cable guard
- All 0.37 kW & 0.55 kW single phase motors are 2 Wire
- All 3 Wire single phase motors include control box
- All motors include cable leads
- 2 Year Warranty on pump and motor when supplied complete



Sub-Section : LWGS			
Model	kW	1 Phase (add M to model number)	3 Phase (add T to model number)
e1GS03	0.37	\$2,107 - 2 wire	\$2,060
e1GS05	0.56	\$2,555 - 2 wire	\$2,554
e1GS07	0.75	\$3,128	\$2,685
e1GS11	1.10	\$4,818	\$4,061
e1GS15	1.50	\$6,178	\$5,436
e2GS03	0.37	\$1,841 - 2 wire	\$1,795
e2GS05	0.56	\$2,065 - 2 wire	\$2,064
e2GS07	0.75	\$2,690	\$2,247
e2GS11	1.10	\$3,286	\$2,528
e2GS15	1.50	\$3,792	\$3,052
e2GS22	2.20	\$5,694	\$4,696
e2GS30	3.00	\$6,875	\$5,518
e4GS03	0.37	\$1,889 - 2 wire	\$1,839
e4GS05	0.56	\$2,080 - 2 wire	\$2,041
e4GS07	0.75	\$2,727	\$2,283
e4GS11	1.10	\$3,248	\$2,490
e4GS15	1.50	\$3,823	\$3,085
e4GS22	2.20	\$5,386	\$4,387
e4GS30	3.00	\$7,108	\$5,753
e4GS40	4.00	\$7,407	\$6,635
e6GS05	0.56	\$2,173 - 2 wire	\$2,172
e6GS07	0.75	\$2,685	\$2,239
e6GS11	1.10	\$3,442	\$2,685
e6GS15	1.50	\$3,846	\$3,107
e6GS22	2.20	\$5,386	\$4,387
e6GS30	3.00	\$6,671	\$5,314
e6GS40	4.00	\$7,682	\$6,910
e6GS55	5.50	-	\$7,865
e8GS07	0.75	\$2,677	\$2,233
e8GS11	1.10	\$3,225	\$2,467
e8GS15	1.50	\$3,674	\$2,935
e8GS22	2.20	\$4,704	\$3,708
e8GS30	3.00	\$6,455	\$5,100
e8GS40	4.00	\$6,779	\$6,007
e8GS55	5.50	-	\$7,559
e8GS75	7.50	-	\$9,938

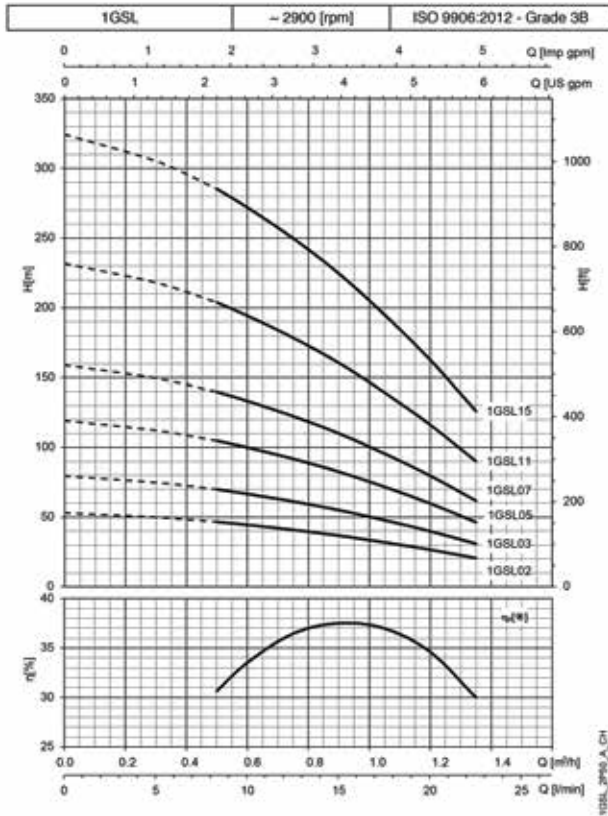
Sub-Section : LWGS			
Model	kW	1 Phase (add M to model number)	3 Phase (add T to model number)
e12GS15	1.50	\$3,916	\$3,174
e12GS22	2.20	\$5,693	\$4,694
e12GS30	3.00	\$7,108	\$5,753
e12GS40	4.00	\$7,652	\$6,879
e12GS55	5.60	-	\$7,415
e12GS75	7.50	-	\$10,561
e16GS22	2.20	\$5,233	\$4,236
e16GS30	3.00	\$6,542	\$5,186
e16GS40	4.00	\$6,712	\$5,938
e16GS55	5.50	-	\$7,370



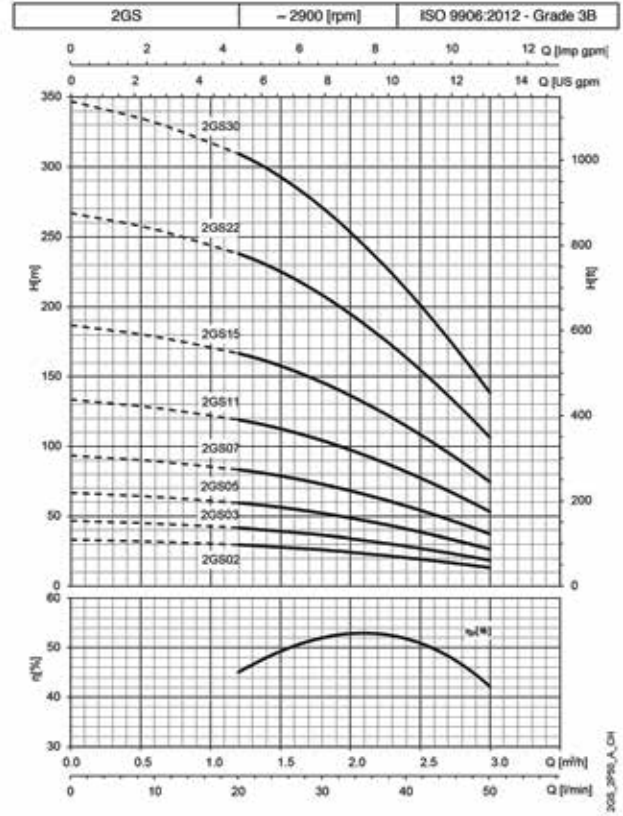
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Performance Curves e-GS 4" Series

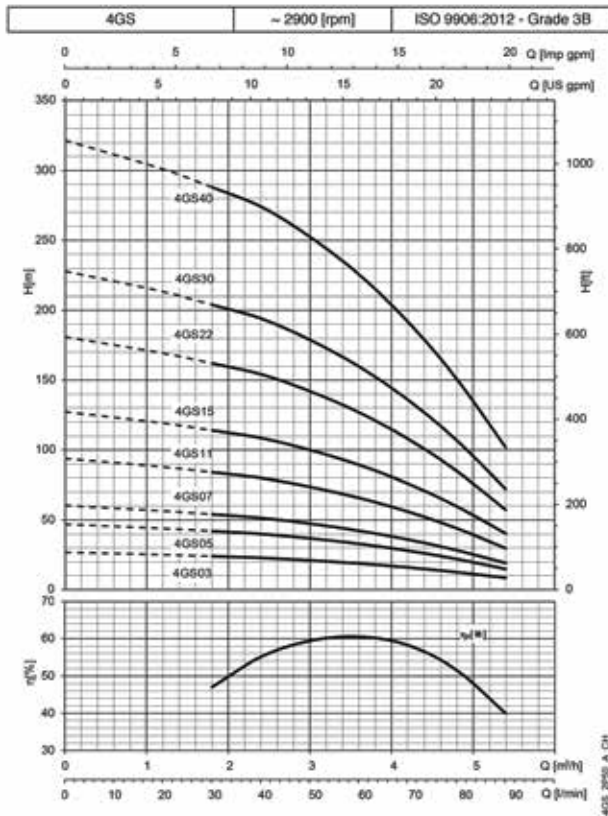
1GSL PERFORMANCE RANGE AT 50 Hz



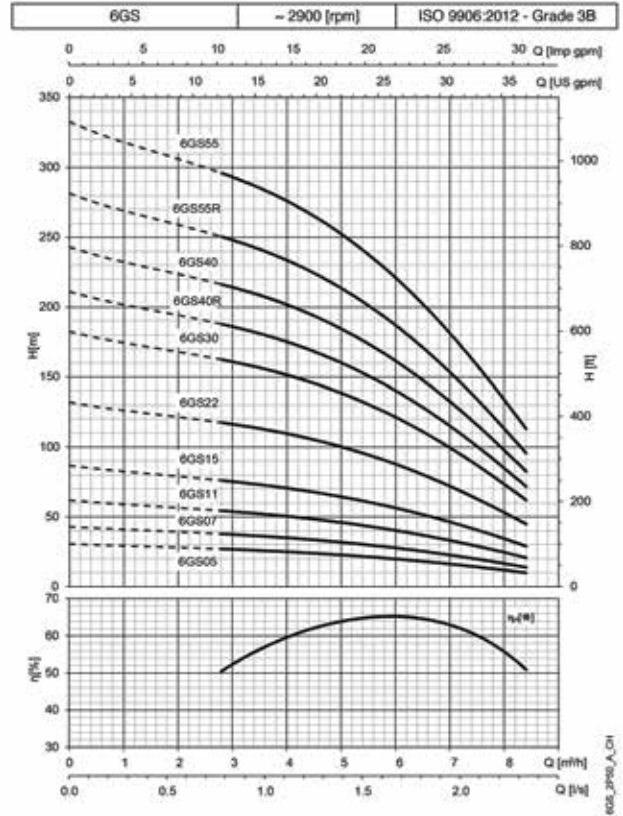
2GS PERFORMANCE RANGE AT 50 Hz



4GS PERFORMANCE RANGE AT 50 Hz

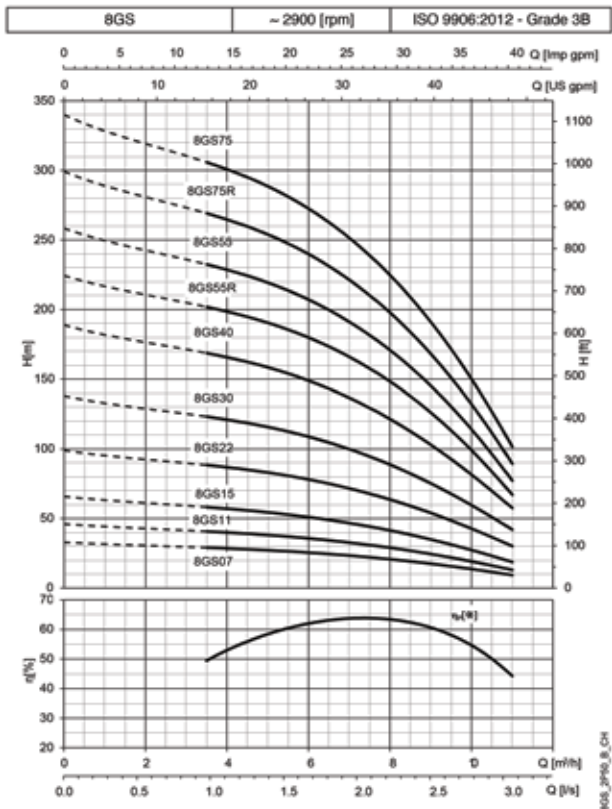


6GS PERFORMANCE RANGE AT 50 Hz

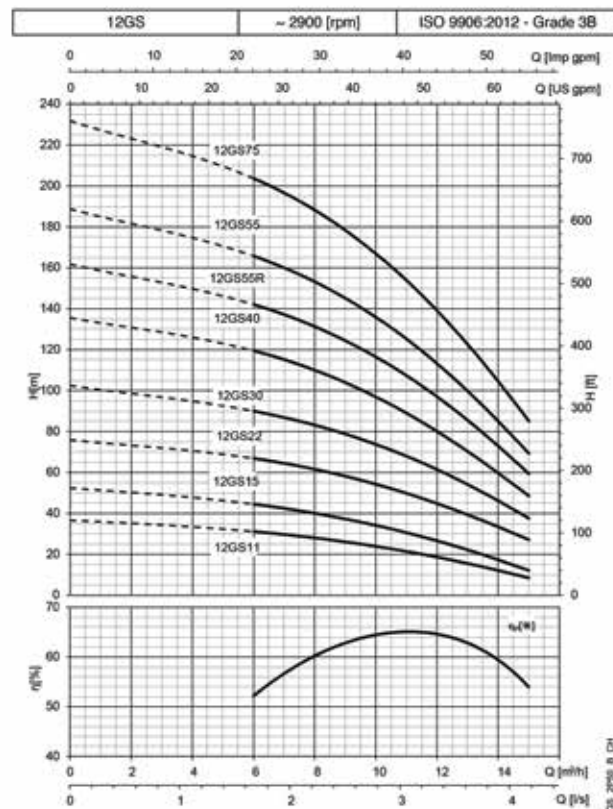




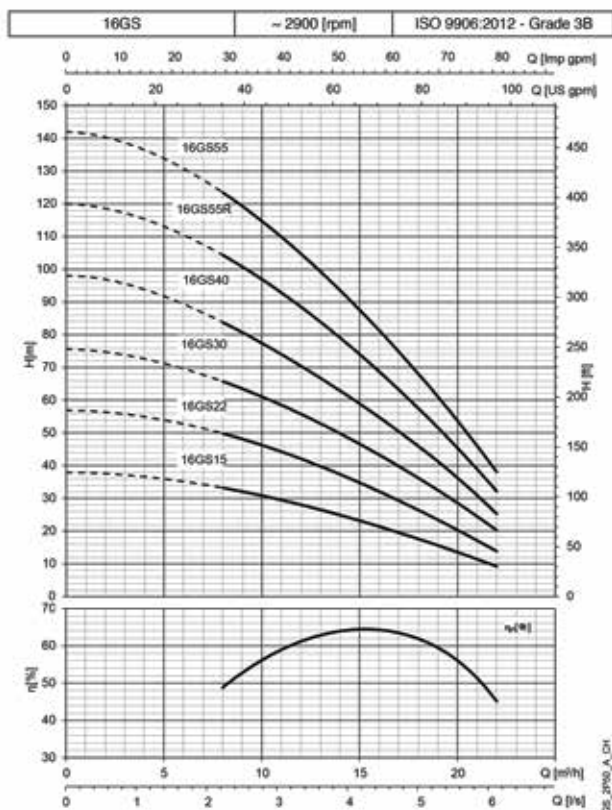
➤ 8GS PERFORMANCE RANGE AT 50 Hz



➤ 12GS PERFORMANCE RANGE AT 50 Hz



➤ 16GS PERFORMANCE RANGE AT 50 Hz



All images and curves are a visual guide only.

Z6 Series with 6" motor

- For 150 mm nominal bore & larger diameter wells
- Motor sizes up to 4.0 kW - 4" motors and 5.5 kW & above - 6" motors
- Wet ends are all 304 Stainless Steel construction
- 2 Year Warranty on pump and motor when supplied complete
- Price includes motor leads



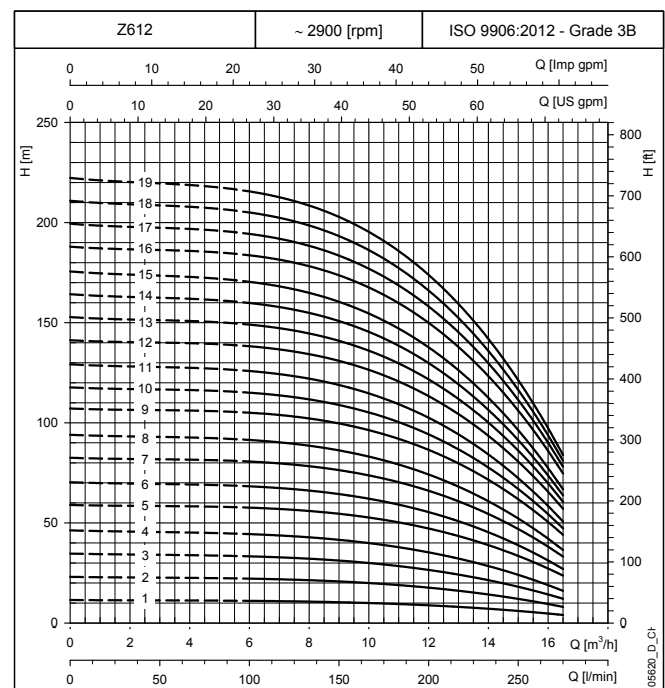
Sub-Section : LWZS		
Model	kW	3 Phase
Z612/05-4	3.0	\$5,930
Z612/06-4	3.0	\$6,178
Z612/08-4	4.0	\$7,246
Z612/11-6	5.5	\$8,866
Z612/12-6	5.5	\$9,096
Z612/15-6	7.5	\$10,955
Z612/16-6	7.5	\$11,183
Z616/04-4	3.0	\$6,006
Z616/05-4	4.0	\$6,253
Z616/07-6	5.5	\$8,193
Z616/10-6	7.5	\$9,563
Z616/14-6	11.0	\$11,116
Z616/15-6	11.0	\$11,632
Z616/16-6	11.0	\$11,883
Z622/03-4	3.0	\$5,446
Z622/04-4	4.0	\$6,349
Z622/05-6	5.5	\$7,849
Z622/07-6	7.5	\$8,998
Z622/11-6	11.0	\$10,863
Z622/15-6	15.0	\$13,604
Z622/21-6	22.0	\$18,180
Z622/22-6	22.0	\$18,392
		\$
Z631/02-4	3.0	\$6,034
Z631/03-4	4.0	\$7,113
Z631/04-6	5.5	\$8,483
Z631/06-6	7.5	\$10,012
Z631/09-6	11.0	\$11,963
Z631/11-6	15.0	\$13,883
Z631/14-6	18.5	\$17,142
Z631/17-6	22.0	\$19,630

Sub-Section : LWZS		
Model	kW	3 Phase
Z646/02-4	3.0	\$6,468
Z646/03-6	5.5	\$8,628
Z646/05-6	7.5	\$9,773
Z646/07-6	11.0	\$11,458
Z646/10-6	15.0	\$14,638
Z646/11-6	15.0	\$15,233
Z646/12-6	18.5	\$17,148
Z646/13-6	18.5	\$17,723
Z646/15-6	22.0	\$20,056
Z646/20-6	30.0	\$25,467
Z646/25-6	37.0	\$32,004
Z660/01-4	2.2	\$5,533
Z660/02-4	4.0	\$7,353
Z660/03-6	5.5	\$8,328
Z660/04-6	7.5	\$9,540
Z660/06-6	11.0	\$11,275
Z660/08-6	15.0	\$13,550
Z660/09-6	15.0	\$13,935
Z660/10-6	18.5	\$16,557
Z660/11-6	18.5	\$17,201
Z660/13-6	22.0	\$19,485
Z660/14-6	22.0	\$19,943
Z660/17-6	30.0	\$24,551
Z660/21-6	37.0	\$30,222



	Max Stages / Max Head
Z612	60 / 690m
Z616	56 / 700m
Z622	50 / 674m
Z631	43 / 628m
Z646	37 / 437m
Z660	32 / 380m

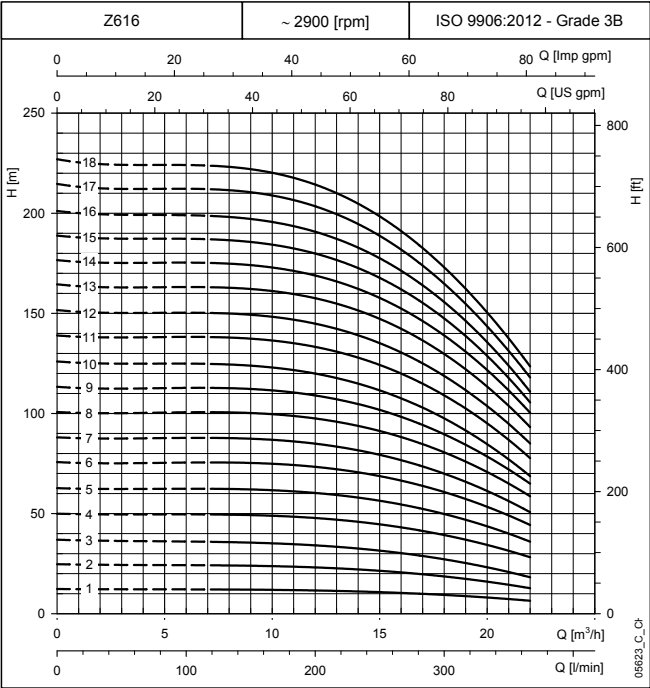
**Z612 SERIES, 1 TO 19 STAGES
ELECTROPUMPS OPERATING CHARACTERISTICS**



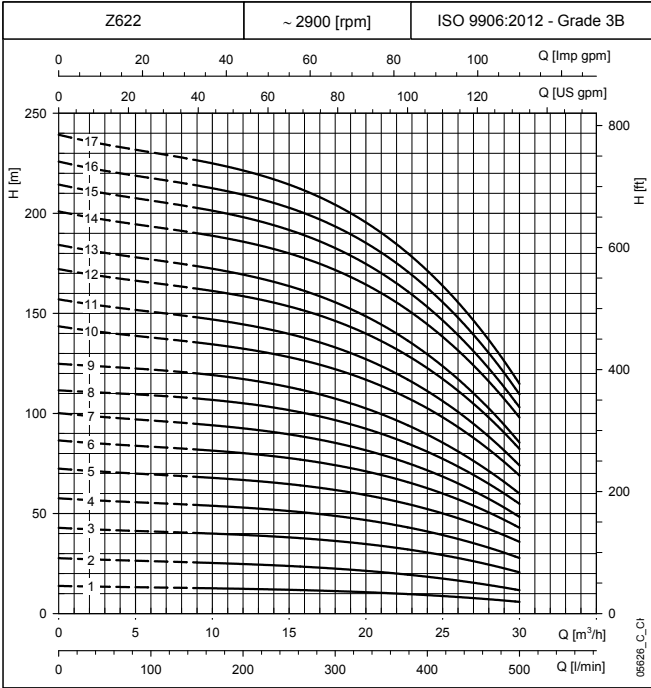
*Z Series
Z8, Z10 & Z12
inch pumps
are available
on request.*



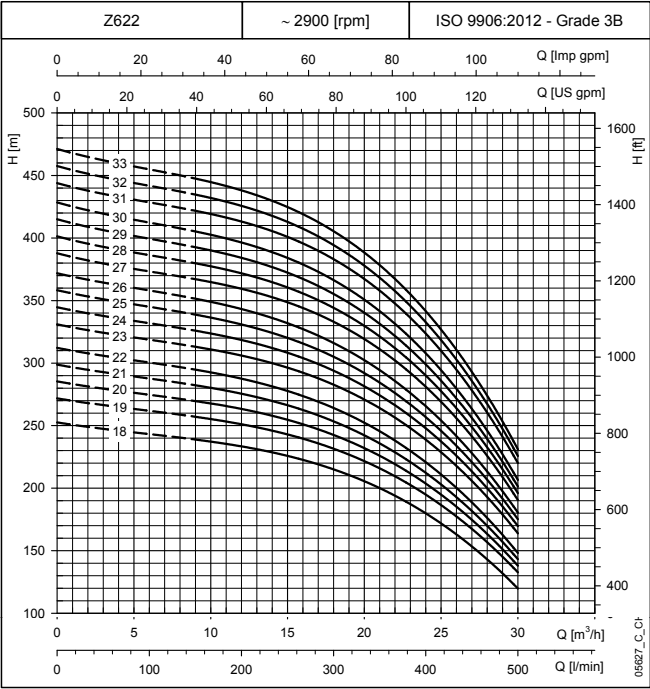
Z616 SERIES, 1 TO 18 STAGES
ELECTROPUMPS OPERATING CHARACTERISTICS



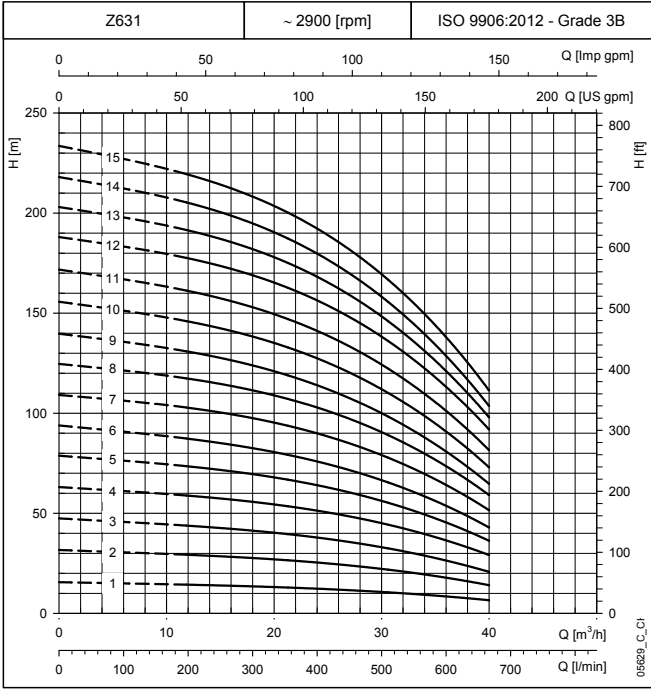
Z622 SERIES, 1 TO 17 STAGES
ELECTROPUMPS OPERATING CHARACTERISTICS



Z622 SERIES, 18 TO 33 STAGES
ELECTROPUMPS OPERATING CHARACTERISTICS

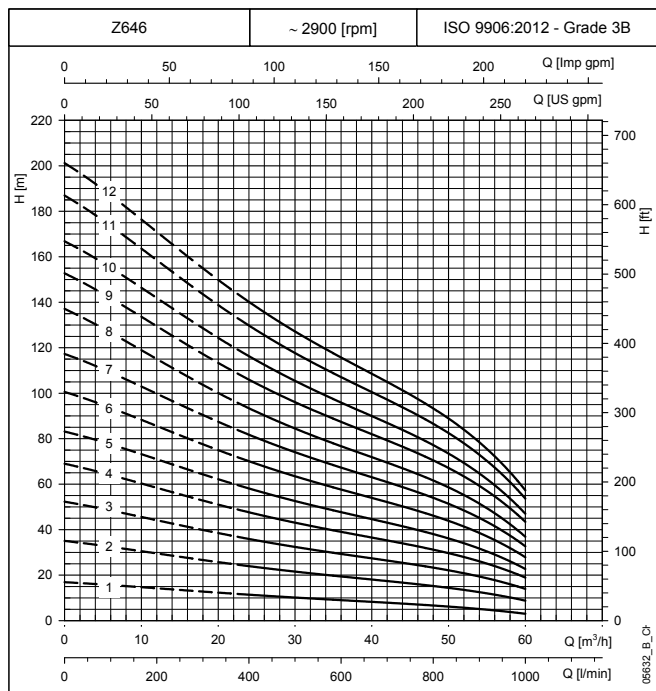


Z631 SERIES, 1 TO 15 STAGES
ELECTROPUMPS OPERATING CHARACTERISTICS

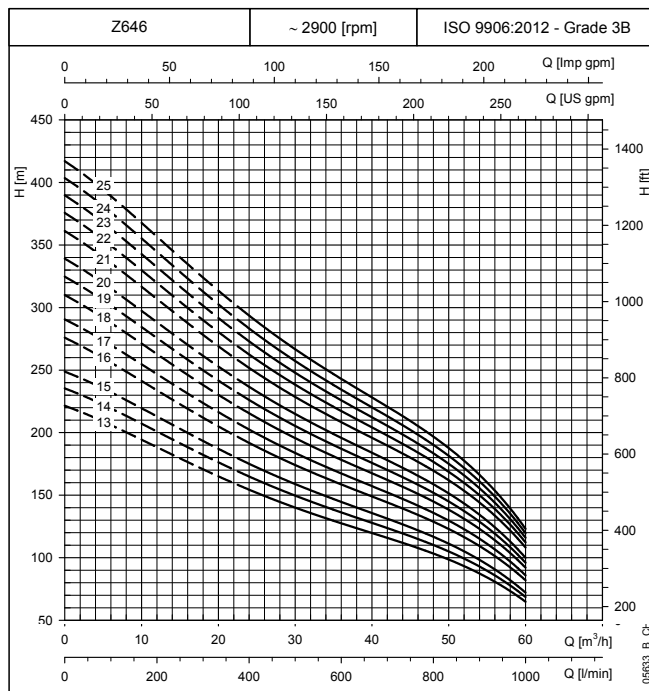


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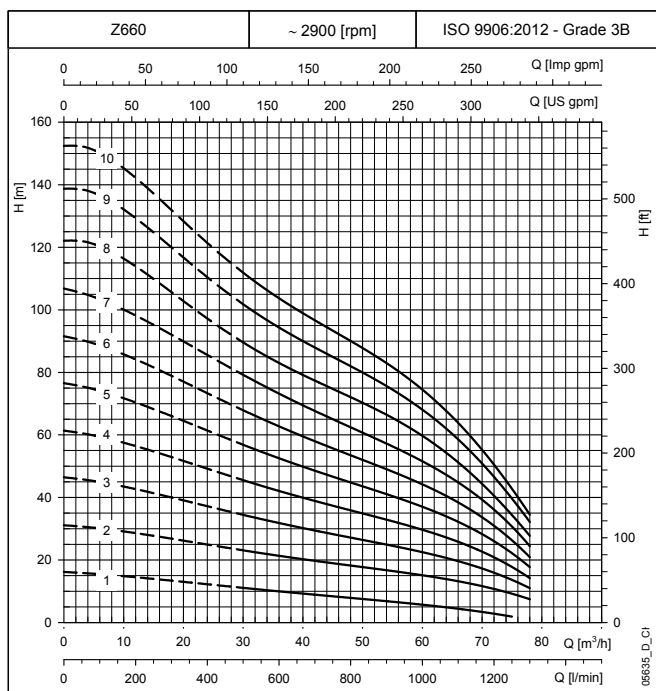
**Z646 SERIES, 1 TO 12 STAGES
ELECTROPUMPS OPERATING CHARACTERISTICS**



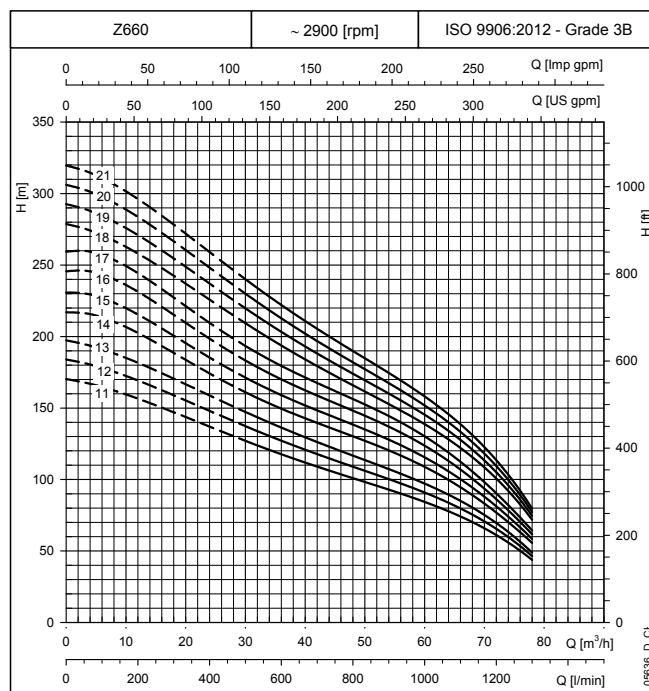
**Z646 SERIES, 13 TO 25 STAGES
ELECTROPUMPS OPERATING CHARACTERISTICS**



**Z660 SERIES, 1 TO 10 STAGES
ELECTROPUMPS OPERATING CHARACTERISTICS**



**Z660 SERIES, 11 TO 21 STAGES
ELECTROPUMPS OPERATING CHARACTERISTICS**



All images and curves are a visual guide only.



Lowara Z8, Z10 & Z12

Submersible Borehole Pumps for 8", 10" & 12" Wells

- High efficiency design in wide performance area
- Wear ring design that reduce recirculation
- Available fully in stainless steel AISI 304 or Duplex
- Delivery: up to 520 m³/h
- Head: up to 545 m



All images and curves are a visual guide only.



Layne Bowler

VERTICAL TURBINE PUMPS

- Flows to 7,500 L/Sec
- Heads to 500 m
- Power to 1000+ kW
- Temperatures to 150°C
- Bowls Diameter up to 45 inch

Design Advantages

- Exceptional engineering quality
- Highly efficient hydraulic design
- Heavy duty component castings
- Cast discharge heads
- In-built thrust bearing with anti-rotation arrangement
- Standard IEC electric motors
- Superior quality column assemblies
- Materials of construction options
- Shaft sealing options
- Engine drive options

Applications

- Irrigation
- Water Supply
- Process water
- Geothermal
- Cooling towers
- Fire protection
- Marine
- Water treatment
- De-watering



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

Submersible Motors

Lowara 4" Motors

- All 0.37 kW and 0.56 kW single phase motors are 2 Wire only
- 0.75 kW and 1.10 kW are 2 or 3 Wire
- 1.5 kW and 2.2 kW are 3 Wire only
- Super stainless steel motors up to 2.2 kW
- High thrust motors 3.0 kW and above
- 2 Wire motors include 1200mm individual motor leads
- 3 Wire motors include 4 core, flat jacketed motor lead, 1500mm up to 2.2 kW and 2500mm for 3.0 kW and above
- Price does not include control box (2 Wire models do not require control box)
- 1 Year Warranty



Sub-Section : LWSM		
kW	1 Phase	3 Phase
0.37	\$1,002- 2 wire	\$953
0.55	\$1,103 - 2 wire	\$1,102
0.75	\$1,169	\$1,131
1.10	\$1,518	\$1,169
1.50	\$1,682	\$1,349
2.20	\$2,096	\$1,794
3.00	-	\$2,350
4.00	\$2,522	\$2,935
5.50	-	\$3,164
7.50	-	\$5,031



Hitachi 6" Motors

2 Pole Standard Construction

- Nema standard motor
- Includes standard 4 metre lead
- Motor bolts not included, sold separately
- 2 Year Warranty

HITACHI



Sub-Section : HTSM	
kW	3 Phase
5.5	\$4,012
7.5	\$4,614
11.0	\$5,159
15.0	\$6,168
18.5	\$7,523
22.0	\$8,598
30.0	\$10,747
37.0	\$13,973



Control Boxes, Motor Leads & Cable

Lowara Motor Control Boxes

- Single-phase 240 Volt Starter Boxes
 - 3 Wire 4" Motors 0.37-4.0kW
- Designed for Lowara 4" submersible single-phase motors
- Main switch for manual control
- Enclosure class: IP54
- 2 Year Warranty



Salupo Control Boxes

- Direct starting electronic control panel for borehole pumps
- Dry run protection
- Voltage protection
- Current protection
- Hour run meter
- 2 Year Warranty



Sub-Section : LWSM		
Model	kW	1 Phase
QPC/03	0.37	\$407
QPC/05	0.55	\$407
QPC/07	0.75	\$407
QPC/11	1.10	\$407
QPC/15	1.50	\$407
QPC/22	2.20	\$694
QPC/40	4.00	\$1,184

Sub-Section : PANL			
Code	Model	kW	
SA684-1PH	Multiplus 1PH Single Pump	up to 2.2 *	\$765
SA687.02-3PH	Multiplus 3PH Single Pump	up to 7.5	\$895

* Single phase submersible borehole pump requires a capacitor.

Submersible Pump Cable available on request - POA

6. DRAINAGE & WASTEWATER PUMPS

Scuba 5" Submersible Pump

Scuba - SC Series

- 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	1 Phase
1SC6	0.55	\$2,047
1SC7	0.75	\$2,202
1SC9	0.90	\$2,314
3SC4	0.55	\$1,910
3SC5	0.75	\$2,067
3SC7	0.90	\$2,215
3SC8	1.10	\$2,428
3SC9	1.50	\$2,581
5SC3	0.55	\$2,122
5SC4	0.75	\$2,200
5SC5	0.90	\$2,261
5SC6	1.10	\$2,352
5SC8	1.50	\$2,428
8SC2	0.55	\$2,475
8SC3	0.90	\$2,627
8SC6	1.50	\$3,039

Manual Operation (No Float)

Product Code: LWSC		
Model	kW	3 Phase
1SC6-T	0.55	\$2,017
1SC7-T	0.75	\$2,169
1SC9-T	0.90	\$2,261
3SC4-T	0.55	\$1,877
3SC5-T	0.75	\$2,024
3SC7-T	0.90	\$2,169
3SC8-T	1.50	\$2,383
3SC9-T	2.20	\$2,520
5SC3-T	0.55	\$2,062
5SC4-T	0.75	\$2,154
5SC5-T	0.90	\$2,230
5SC6-T	1.10	\$2,307
5SC7-T	1.50	\$2,483
5SC8-T	2.20	\$2,717
8SC2-T	0.55	\$2,428
8SC3-T	0.90	\$2,581
8SC4-T	1.10	\$2,764
8SC5-T	1.50	\$2,995
8SC6-T	2.20	\$3,239



Manual

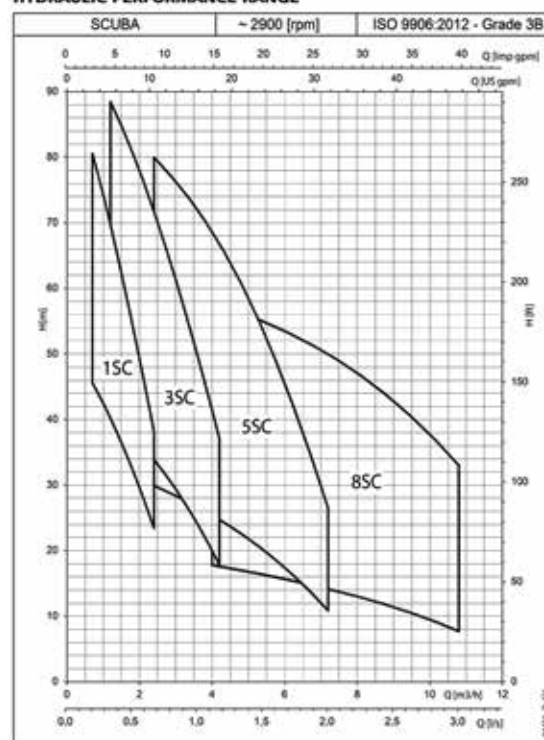
Automatic Operation

Product Code: LWSC		
Model	kW	1 Phase
1SC6-AUTO	0.55	\$2,078
1SC7-AUTO	0.75	\$2,230
1SC9-AUTO	0.90	\$2,321
3SC4-AUTO	0.55	\$1,940
3SC5-AUTO	0.75	\$2,094
3SC7-AUTO	0.90	\$2,246
3SC8-AUTO	1.10	\$2,428
3SC9-AUTO	1.50	\$2,581
5SC3-AUTO	0.55	\$2,122
5SC4-AUTO	0.75	\$2,154
5SC5-AUTO	0.90	\$2,285
5SC6-AUTO	1.10	\$2,366
5SC8-AUTO	1.50	\$2,438
8SC2-AUTO	0.55	\$2,490
8SC3-AUTO	0.90	\$2,627
8SC6-AUTO	1.50	\$3,039



Automatic

SCUBA SERIES
HYDRAULIC PERFORMANCE RANGE



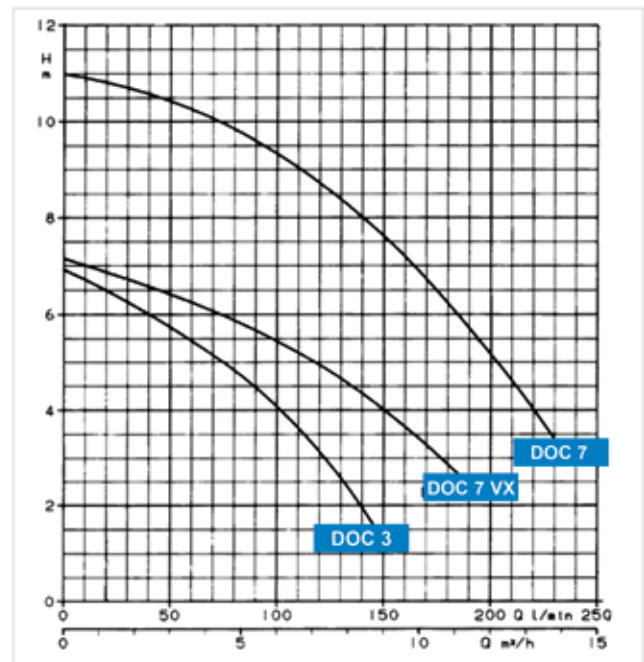
Drainage & Wastewater

DOC Series

Drainage sump pumps

- SG denotes manual version
- GW versions denotes magnetic float, for clean water only
- VX denotes vortex impeller
- Single phase models auto operation
- Includes 10m lead
- 1 Year Warranty

Sub-Section : LWDE		
Model	kW	1 Phase
DOC 3	0.25	\$738
DOC 3SG	0.25	\$654
DOC 3GW	0.25	\$795
DOC 7	0.55	\$887
DOC 7VX	0.55	\$953
DOC 7GW	0.55	\$989



DIWA Series

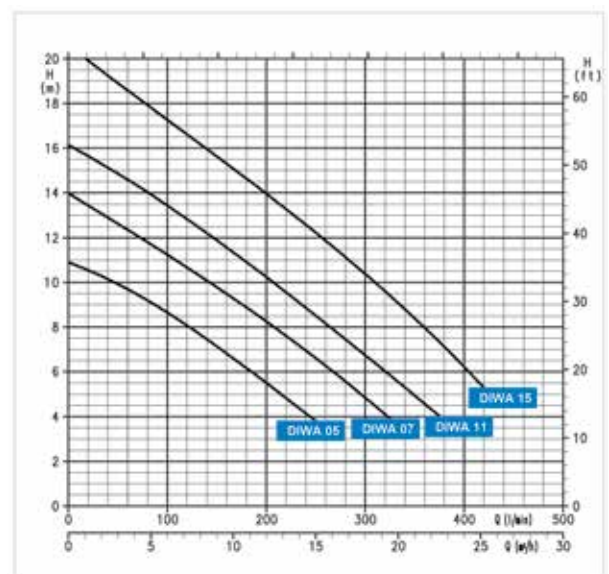
Submersible drainage pumps

- Single phase models float switch operation only
- T denotes three phase , manual operation only
- Includes 10m lead
- 1 Year Warranty

Sub-Section : LWDE		
Model	kW	1 Phase
DIWA 05	0.55	\$1,685
DIWA 05 GT	0.55	\$1,851
DIWA 07	0.75	\$1,941
DIWA 11	1.10	\$2,267



Sub-Section : LWDE		
Model	kW	3 Phase
DIWA 05T	0.55	\$1,588
DIWA 07T	0.75	\$1,697
DIWA 11T	1.10	\$1,865
DIWA 15T	1.50	\$2,287



LOWARA
xylem



All images and curves are a visual guide only.

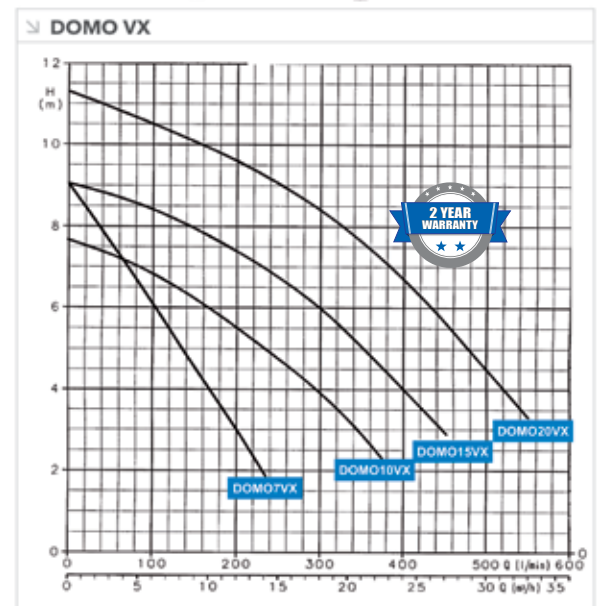
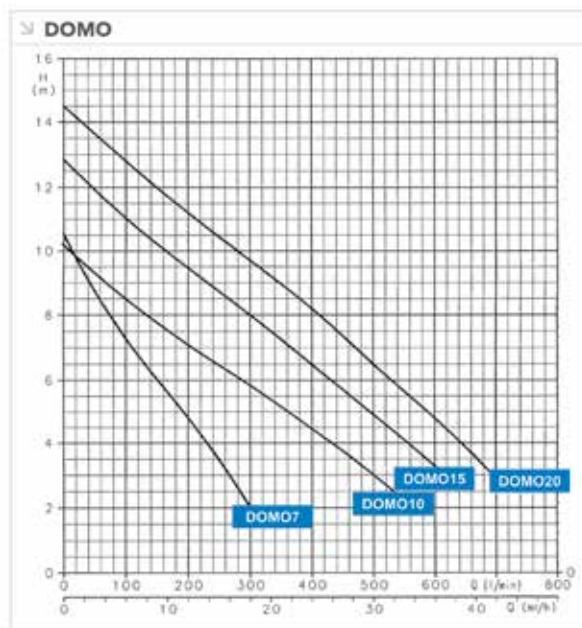
DOMO Series**Waste water submersible pumps**

- Single phase models float switch operation only
- T denotes three phase, manual operation only
- VX denotes vortex impeller
- 1 Year Warranty



Sub-Section : LWDE		
Model	kW	1 Phase
DOMO 7	0.55	\$1,588
DOMO 7VX	0.55	\$1,588
DOMO 10	0.75	\$1,859
DOMO 10VX	0.75	\$1,859
DOMO 15	1.10	\$2,236
DOMO 15VX	1.10	\$2,236

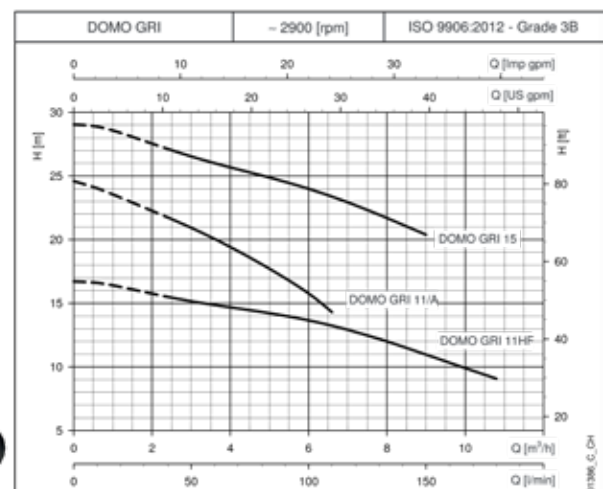
Sub-Section : LWDE		
Model	kW	3 Phase
DOMO 7T	0.55	\$1,277
DOMO 7VXT	0.55	\$1,277
DOMO 10T	0.75	\$1,596
DOMO 10VXT	0.75	\$1,596
DOMO 15T	1.10	\$1,772
DOMO 15VXT	1.10	\$1,772
DOMO 20T	1.50	\$2,126
DOMO 20VXT	1.50	\$2,126

**DOMO GRI Series****Submersible Sewage pump with grinder assembly**

- A denotes automatic
- S denotes manual operation
- HF denotes high flow
- T denotes three-phase, manual operation only
- Standard mech seal sic/sic-NBR
- Includes 10m lead
- 1 Year Warranty

Sub-Section : LWDE		
Model	kW	1 Phase
DOMO-GRI11A	1.10	\$3,421
DOMO-GRI11HF-A	1.10	\$3,391
DOMO-GRI11S	1.10	\$3,488
DOMO-GRI15A	1.50	\$4,092

Sub-Section : LWDE		
Model	kW	3 Phase
DOMO-GRI11T	1.10	\$3,421
DOMO-GRI11T-HF	1.10	\$3,344
DOMO-GRI15T	1.50	\$4,047

**Guide Rail Kit**

Kit included pump claw, duck foot pedestal, upper guide rail bracket.

For Domo 10, 15 or 20 Pumps	LWDE 109.395.310	\$757
For Domo GRI 11 Pumps	LWDE 109.395.320	\$653

VXC/MC-F Series

Submersible water pump

- Cast Iron Submersible pumps
- Stainless steel impellers
- MC denotes channel impeller
- VX denotes vortex impellers
- F denotes flanged ports
- Double Mechanical Seal – Car/Cer & Sil/Sic
- 10m cable
- Float switch on Single phase models



Channel Impeller - Free Standing

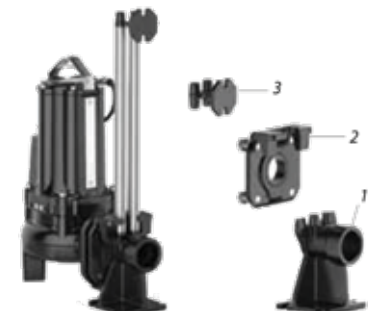
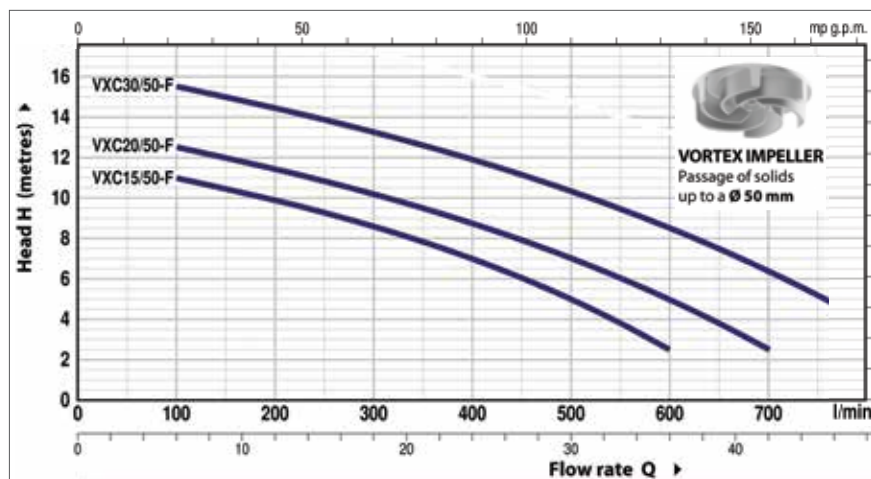
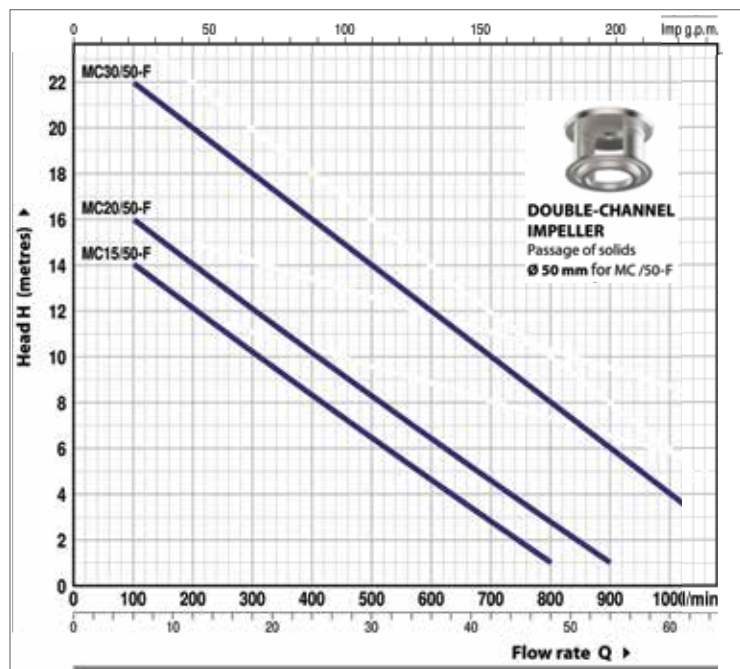
Sub-Section : LIPM		
Model	kW	1 Phase
MCFM15/50	1.1	\$3,005
MCFM20/50	1.5	\$3,182
VXCFM15/50	1.1	\$2,823
VXCFM20/50	1.5	\$3,008
VXCFM30/50	2.2	\$3,651

Sub-Section : LIPM		
Model	kW	3 Phase
MCF15/50	1.1	\$3,005
MCF20/50	1.5	\$3,077
MCF30/50	2.2	\$3,317
VXCF15/50	1.1	\$2,823
VXCF20/50	1.5	\$2,891
VXCF30/50	2.2	\$3,208



Accessories

Description	Code	
VXC/MC 50MM SLIDE GUIDE BRACKET	LIPM VXCF0017	\$156
GUIDE RAIL SYSTEM - 50MM HORIZONTAL	LIPM VXCF051	\$552
GUIDE RAIL SYSTEM - 65MM VERTICAL 3/4" GUIDE TUBES	LIPM VXCF051V	\$742
65MM M/F LR BEND - GALV	MISP 65MM-BEND	\$104



Guide Rail System - Horizontal



Guide Rail System - Vertical

These curves are for reference only. Final selection should be made from individual performance charts.

All images and curves are a visual guide only.

1300 Series**Submersible Non-clog & Vortex Pumps**

- Model variant: S = Super High Head; H = High Head; M = Medium Head; L = Low Head
- Install type: T = Free standing threaded outlet only; W = Wet Well only
- Includes 10m lead
- Note : There are numerous other 1300 Series combination models available - POA
- 1 Year Warranty

1300 Series - Non-Clog Version

Sub-Section : LWDE						
Model	Discharge Diameter & Install Type	kW	Version	Pole	Curve	3 Phase
1310S-50W.S60	50W	2.4	Wet Well	2	S60	\$5,260
1310S-50T.S60	50T	2.4	Free Standing	2	S60	\$5,254
1310S-80X.S60	80	2.4	Bare Pump	2	S60	\$10,871
1315S-80X.S61	80	4.4	Bare Pump	2	S61	\$14,912
1315M-100X.S20	100	3.3	Bare Pump	4	S20	\$12,620
1320S-80X.S62	80	6.2	Bare Pump	2	S62	\$17,535
1320H-100X.S41	100	5.9	Bare Pump	4	S41	\$18,833

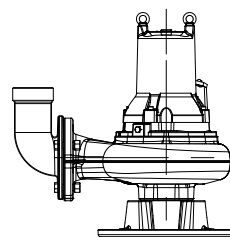
1300 Series - Vortex Version

Sub-Section : LWDE						
Model	Discharge Diameter & Install Type	kW	Version	Pole	Curve	3 Phase
1310H-50W.V90	50W	2.4	Wet Well	2	V90	\$5,254
1310H-50T.V90	50T	2.4	Free Standing	2	V90	\$5,547
1310M-80X.V85	80	2.4	Bare Pump	2	V85	\$5,547
1315H-65X.V91	65	4.4	Bare Pump	2	V91	\$12,686
1315M-100X.V81	100	3.3	Bare Pump	4	V81	\$11,567
1320M-100X.V81	100	5.9	Bare Pump	4	V81	\$17,984
1320H-80X.V91	80	7.5	Bare Pump	2	V91	\$18,833
1320H-80X.V92	80	6.2	Bare Pump	2	V92	\$17,535

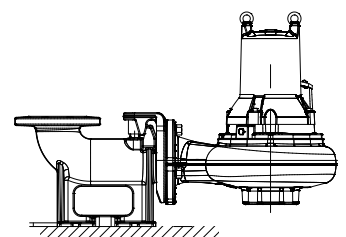
Installation Kits

Purchase a bare pump and select the required installation kit, or add an installation kit to a complete pump to give extra options for installation.

Sub-Section : LWDE			
Model	Discharge Diameter & Install Type	Version	3 Phase
1310-80T	80T	Free Standing	\$807
1315/1320-80T	80T	Free Standing	\$1,920
1315/1320-100T	100T	Free Standing	\$2,271
1310-50W	50W	Wet Well	\$1,144
1310/1315/1320-80W	80W	Wet Well	\$2,439
1315/320-100W	100W	Wet Well	\$2,763



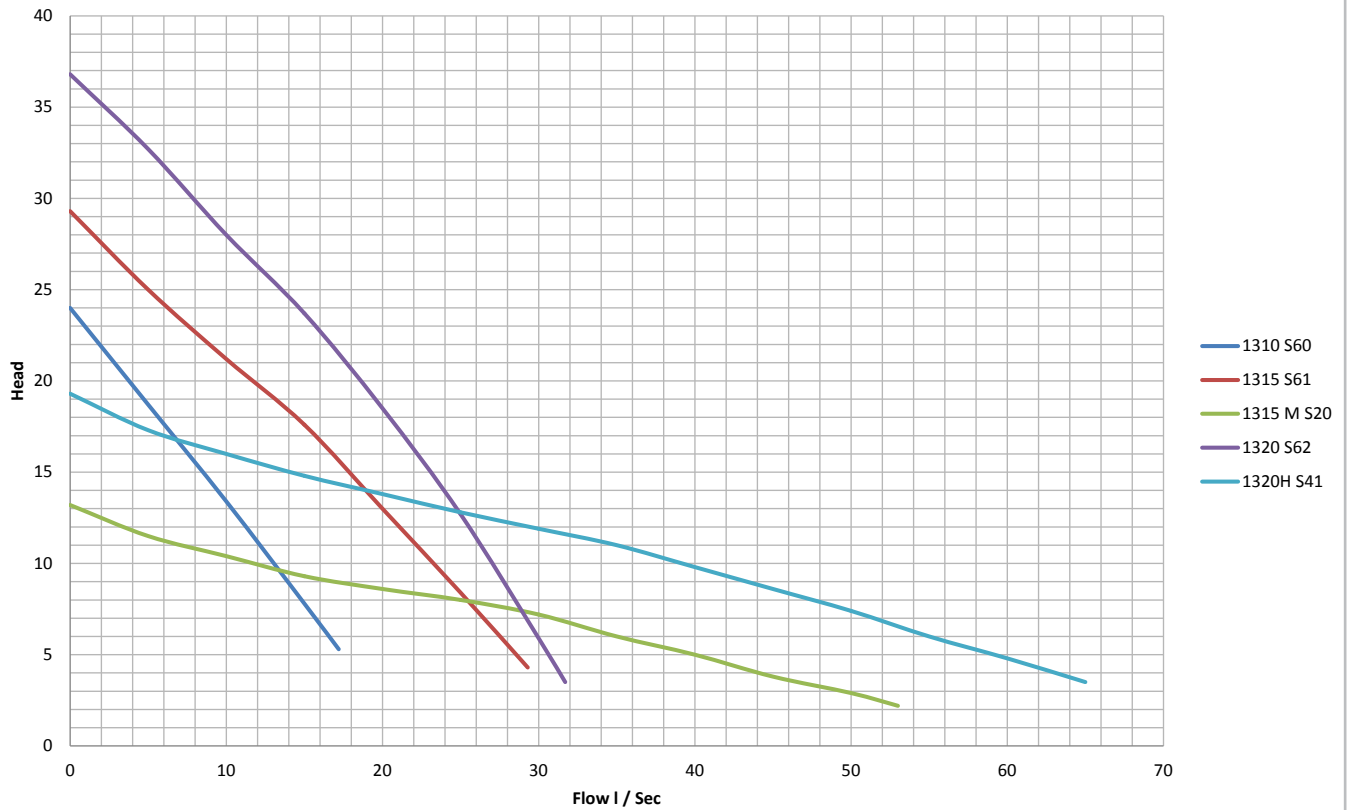
Free Standing Installation
(pump stand included for pumps without cast feet)



Wet Well Installation

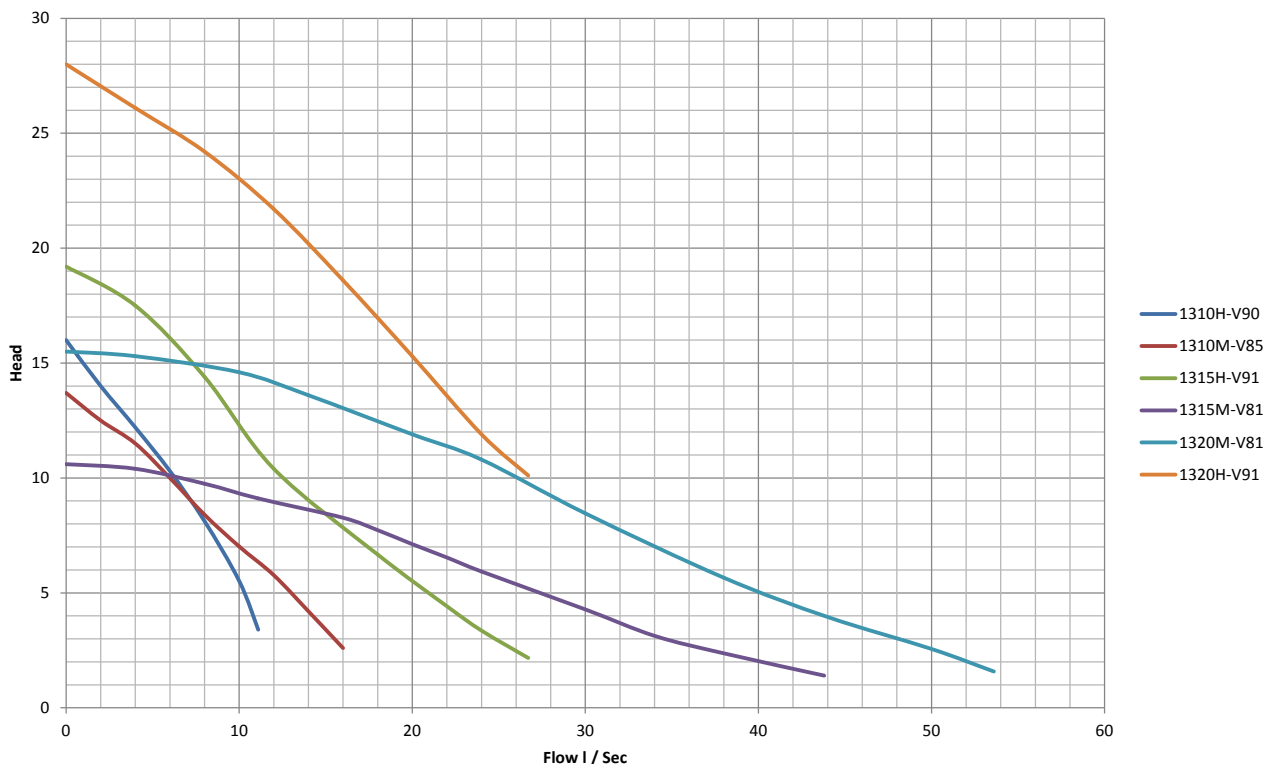


1300 Non Clog Version - Performance Curves



These curves are for reference only. Final selection should be made from individual performance charts.

1300 Vortex Version Performance Curves



These curves are for reference only. Final selection should be made from individual performance charts.

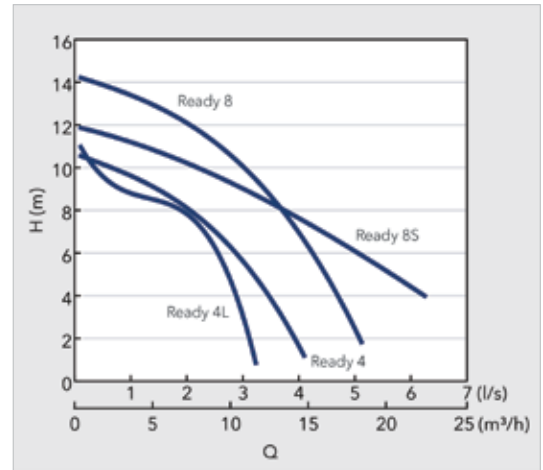
Flygt Ready Pump Range

Submersible and Serviceable Pumps

- 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 1-2mm water levels
- S denotes "Solids" this pump has a vortex impeller and can handle solids up to 38mm
- 1 Year Warranty

Product Code: FLPM		
Model	kW	1 Phase
READY-4	0.42	\$1,790
READY-4L	0.42	\$1,971
READY-8	0.75	\$2,695
READY-8S	0.90	\$3,992

Threaded Discharge Connection	Ready DN50 BSP P/No FLSP 7089902	\$158
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Prefabricated Pump Boxes

Mini Box

- 85 Litre tank, Pump & Screen
- 32 mm discharge pipe with check valve

Sub-Section : LWDE		
Model	kW	
DOC 3 - Minibox	0.25	\$3,063
DOC 7 - Minibox	0.55	\$3,174



Midi Box

- 110 Litre tank, Pump & Screen
- 32 mm discharge pipe with check valve

Sub-Section : LWDE		
Model	kW	
DOC 7 - Midibox	0.55	\$3,606

Single Box

- 270 Litre tank, Pump & Screen
- 50 mm discharge pipe
- VX denotes vortex impeller.

Sub-Section : LWDE		
Model	kW	
Domo 7 - Box	0.55	\$3,521
Domo 7VX - Box	0.55	\$3,521
Domo 10 - Box	0.75	\$4,051
Domo 10VX - Box	0.75	\$4,051
Domo 15 - Box	1.10	\$4,423
Domo 15VX - Box	1.10	\$4,423



Double Box

- 550 Litre tank, Pump & Screen
- VX denotes vortex impeller.
- Price for Single phase unit does not include controller

Sub-Section : LWDE		
Model	kW	1 Phase
Domo 10 VX DBL	0.75	\$8,337
Domo 15 VX DBL	1.10	\$9,128
Dual Pump Controller / Accessories		
Dual Control Panel		\$3,671
SPSP7105931 - Float Switch		\$142
PANLTOPALARM - Salupo Top Alarm		\$442

Sub-Section : LWDE		
Model	kW	3 Phase
Domo 10T VX DBL	0.75	\$11,571
Domo 15T VX DBL	1.10	\$11,851
Includes Dual Pump Controller		



Flygt N Series

Submersible Wastewater Pumps

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



N3085 Range

Product Code: FLPM			
Model	kW	Outlet (mm)	415 V 3 Phase 50Hz
NP3085-160-MT460-02.0-B-0 80-A20	2.0	80	\$11,966
NP3085-160-MT461-02.0-B-0 80-A20	2.0	80	\$11,966
NP3085-160-MT462-02.0-B-0 80-A20	2.0	80	\$11,966
NP3085-160-MT463-02.0-B-0 80-A20	2.0	80	\$11,966
NP3085-160-SH253-02.4-B-0 80-A20	2.4	80	\$12,885
NP3085-160-SH254-02.4-B-0 80-A20	2.4	80	\$12,885
NP3085-160-SH255-02.4-B-0 80-A20	2.4	80	\$12,885
NP3085-160-SH256-02.4-B-0 80-A20	2.4	80	\$12,885
NS3085-160-MT460-02.0-B-0 80-A20	2.0	80	\$12,550



N3102 Range

Product Code: FLPM			
Model	kW	Outlet (mm)	415 V 3 Phase 50Hz
NP3102-160-LT420-03.1-B-100-A20	3.1	100	\$20,291
NP3102-160-MT460-03.1-B-100-A20	3.1	100	\$16,313
NP3102-160-MT461-03.1-B-100-A20	3.1	100	\$16,313
NP3102-160-MT462-03.1-B-100-A20	3.1	100	\$16,313
NP3102-160-SH255-04.2-B-0 80-A20	4.2	80	\$20,584
NP3102-160-SH256-04.2-B-0 80-A20	4.2	80	\$20,584
NS3102-160-MT460-03.1-B-100-A20	3.1	100	\$17,580
NS3102-160-SH255-04.2-B-0 80-A20	4.2	80	\$21,687

N3127 Range

Product Code: FLPM			
Model	kW	Outlet (mm)	415 V 3 Phase 50Hz
NP3127-161-MT437-05.9-B 100	5.9	100	\$21,480
NP3127-161-MT437-05.9-B 150	5.9	150	\$21,669
NP3127-161-HT487-05.9-B 100	5.9	100	\$22,598
NP3127-161-HT488-05.9-B 100	5.9	100	\$22,598
NP3127-161-SH246-07.4-B-0 80-A20	7.4	80	\$25,859
NP3127-161-SH247-07.4-B-0 80-A20	7.4	80	\$25,859
NP3127-161-SH248-07.4-B-0 80-A20	7.4	80	\$25,859
NS3127-161-SH246-07.4-B-0 75-A20	7.4	75	\$25,859

All images and curves are a visual guide only.

Flygt Grinder Series

Submersible Grinder Pumps

- M denotes Grinder Series
- F denotes Free Standing; price includes stand and 50mm discharge bend
- P denotes Guide Rail mounted, price does not include discharge bend and UGBB
- HT denotes High Head model
- Includes 10 metre lead
- 1 Year Warranty

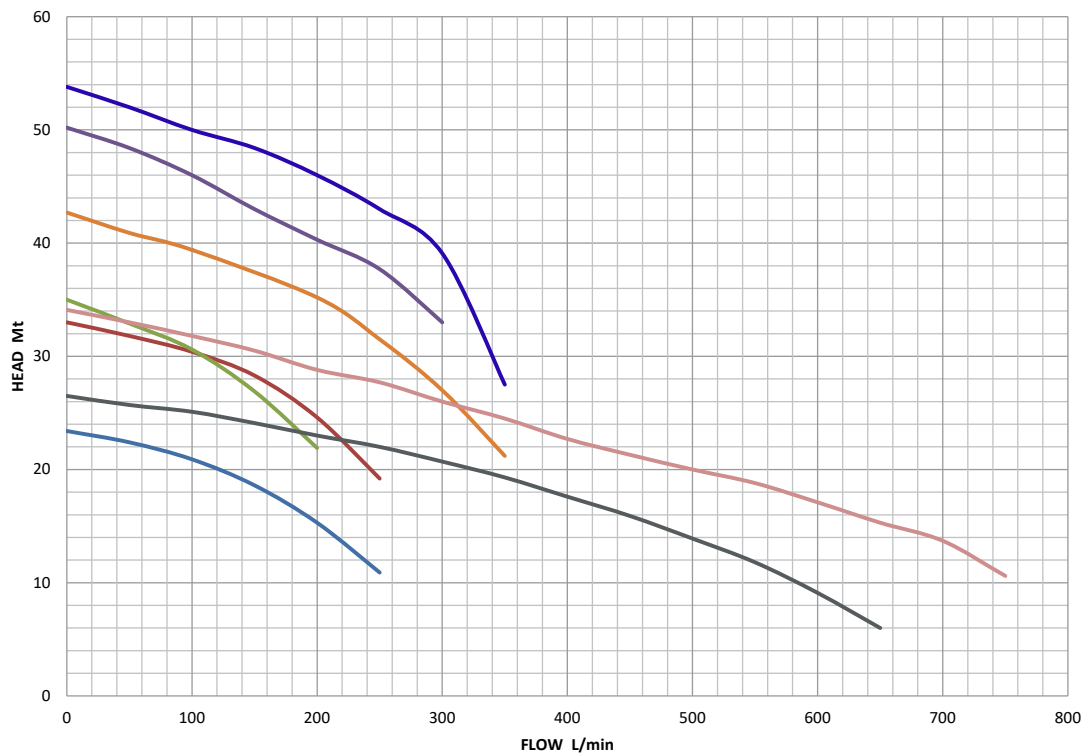
- Other models available on request
- Guide rail system is standard across the range



Sub-Section : FLPM		
Model	kW	3 Phase
MF3069-170-HT254	1.70	\$5,034
MF3069-170-HT250	2.40	\$5,168
MF3085-172-HT253	2.40	\$6,605
MF3102-170-HT261	4.40	\$6,845
MF3102-170-LT210	4.40	\$6,845
MF3127-170-LT210	7.40	\$13,974

Sub-Section : FLPM		
Model	kW	3 Phase
MP3069-170-HT254	1.70	\$4,700
MP3069-170-HT250	2.40	\$5,664
MP3085-172-HT253	2.40	\$6,599
MP3090-170-HT252	4.30	\$6,896
MP3102-170-HT261	4.40	\$7,076
MP3102-170-LT210	4.40	\$7,076
MP3127-170-HT252	7.40	\$13,974
MP3127-170-LT210	7.40	\$13,974

FLYGT Grinder Series Performance Curves



These curves are for reference only. Final selection should be made from individual performance charts.

- 3069 (HT254)
- 3069 (HT250)
- 3085 (HT253)
- 3090 (HT252)
- 3102 (LT210)
- 3102 (HT261)
- 3127 (HT252)
- 3127 (LT 210)



Need to manage dairy effluent?
See our range of pumps on page 26.

Flygt Accessories

Discharge Connections

Product Code: FLSP			
Model	Series	Code	
50 x 50mm Discharge Connection	Grinders	FLPM4865500	\$542
80 x 80mm Discharge Connection Drilled to Table D AS2129	N-Series	FLSP4446803	\$1,463
100 x 100mm Discharge Connection Drilled to Table D AS2129	N-Series	FLSP5401303S	\$1,748
140 x 150mm Discharge Connection Drilled to Table D AS2129	N-Series	FLSP4447003	\$3,220



Upper Guidebar Bracket

Product Code: FLSP		
Model	Code	
S/S top Guide bar Bracket - 20mm	FLSP6697700	\$152
S/S top Guide bar Bracket - 50mm	FLSP6136804	\$430
S/S top Guide bar Bracket - 80mm	FLSP6615401	\$718

Full range of
genuine
Flygt accessories
are available
- POA .

Flush Valves

Product Code: FLPM	
Model	
Hydraulic Flush Valve - Flygt Model 4910 to suit MP and MF Grinder	\$6,570
Mounting kit 4910 - to suit MP Grinder	\$439
Hydraulic Flush Valve - Flygt Model 4901 to suit N Series	\$11,222
Gasket required to fit 4901 Flush Valve to suit N Series	\$222

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



F version



J version

Product Code: FLPM							
Model	kW	Pole	RPM	F thrust' N	Weight kg	400V 3 Phase 50Hz	
SR4610-410-SF-07-0.90-B Non-clogging hydraulic propeller	0.9	4	1380	100	21	\$9,436	
SR4620-410-SF-18-01.5-B Non-clogging hydraulic propeller	1.5	4	1385	315	21	\$12,332	
SR4610-410-SJ-07-0.90-B Jet Ring fitted propeller	0.9	4	1380	80	23	\$11,584	
SR4620-410-SJ-18-01.5-B Jet Ring fitted propeller	1.5	4	1385	310	23	\$14,201	

Flygt Monitoring and Control



ENM10 Level Regulators

Product Code: FLPM	
Model	
ENM10 0.95-1.10 Blue 13M Blue PVC Cable	\$1,005
ENM10 0.95-1.10 Blue 20M Blue PVC Cable	\$1,106
ENM10 0.95-1.10 Blue 30M Blue PVC Cable	\$1,238
ENM10 0.95-1.10 Blue 13M Black NBR/PVC Cable	\$1,106
ENM10 0.95-1.10 Blue 20M Black NBR/PVC Cable	\$1,238
ENM10 0.95-1.10 Blue 30M Black NBR/PVC Cable	\$1,450
ENM10 0.95-1.10 Blue 50M Black NBR/PVC Cable	\$1,892
ENM10EX 0.95-1.10 Black 20M NBR/PVC Cable (requires Zenner Barrier 840107)	\$1,742
840107 Zenner Barrier - intrinsically safe input suits 2 floats	\$3,909
Cable Holder to suit ENM10	\$159



LTU Level Sensors

Product Code: FLPM	
Model	
LTU403 0-5M Range 20M CABLE 4-20MA Level Sensor	\$4,940
LTU403 0-5M Range 50M CABLE 4-20MA Level Sensor	\$6,946
LTU403 0-10M Range 20M CABLE 4-20MA Level Sensor	\$4,940
LTU403 0-20M Range 30M CABLE 4-20MA Level Sensor	\$5,584
LTU403 0-10M Range 20M CABLE MODBUS Level Sensor	\$6,272
LTU601 0-2M Range 20M CABLE 4-20MA Level Sensor	\$3,385
LTU601 0-5M Range 20M CABLE 4-20MA Level Sensor	\$4,132
LTU601 0-10M Range 20M CABLE 4-20MA Level Sensor	\$4,132
LTU801 0-5M Range 20M CABLE 4-20MA Level Sensor	\$6,721
LTU801 0-5M Range 30M CABLE 4-20MA Level Sensor	\$7,374
LTU801 0-5M Range 50M CABLE 4-20MA Level Sensor	\$8,700
LTU801 0-10M Range 25M CABLE 4-20MA Level Sensor	\$6,973



Relay's and Monitoring

Product Code: FLPM	
Model	
Mini CAS 11 Relay 24 VAC/DC	\$1,385
Mini CAS 11 Relay 230 VAC	\$2,052
Mini CAS Relay Bases	\$126



Mini CAS 11 Relay

Additional Flygt monitoring and control equipment - POA.



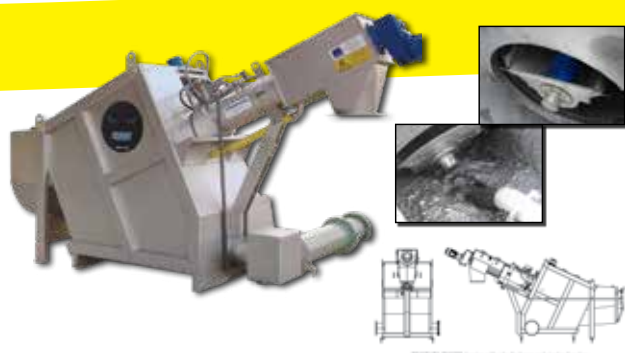
SAVECO

No Grinders
or Stone Traps
Required

SAVECO

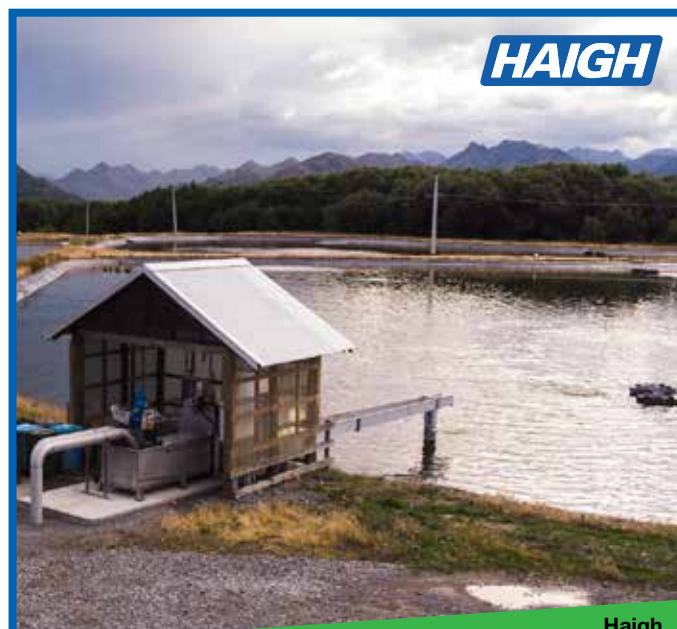
Septage Receiving Stations

THE BEAST® Septage-FOG-Sludge Screening System



The BEAST has been engineered specifically for heavy debris ladened sludges.

- Solids concentration up to 2-3%
- Drum screen round hole openings 5.0 – 6.0 mm wide
- Drum screen incline angle: 25 degrees
- Frame manufactured from 304 L / 316 L SS
- Dual motor drive system – drum and auger driven independently
- No sediments thanks to special tank design
- Extended hopper increases solids capturing efficiency
- Absence of lower drum support arm eliminates rag accumulation



HAIGH

Haigh

ACE Screen - Inlet Screening Systems

Automated equipment for the wastewater and sewage industry.



Screenings are almost
odourless and so dry at
40% D.S.

One-of-a-kind,
revolutionary product that
uses no washwater, and
discharges dry screenings.

- Using a perforated screen plate, macerator, centrifuge/liquid separator and compactor system resulting in high volume and mass reduction of screenings
- Screenings reduced to 1/6th of other systems decreasing landfill demand and lowering carbon footprint
- No external wash water required significantly easing water usage

Find out more about our wastewater screening options, including the CSO Group Pump Action Screens on our website.



7. CIRCULATORS

Wet Rotor Circulators



Ecocirc D5 Solar Pump

- 12V solar circulator
- Solar version for direct connection to photovoltaic panels

Product Code: LWCI	
Model	
D5SOLAR	\$413



Ecocirc XL / XLplus Series

- High efficiency circulators for commercial heating
- VSD
- Head: up to 12m
- Flow rate: up to 70 m³/h for single-head pumps and up to 135 m³/h for twin-head pumps
- Maximum operating pressure: 10 bar
- Ambient temperature during operations: 0°C to 40°C
- Temperature of pumped liquid: -10°C to +110°C
- Unions not included in the price
- 2 Year Warranty on pumps



Product Code: LWCI	
Model	
Cast Iron XL	
32-80XL	\$3,089
32-100XL	\$3,358
32-120FXL	\$3,659
40-120FXL	\$4,109
50-120FXL	\$5,333
65-120FXL	\$6,785
80-120FXL	\$7,793

Product Code: LWCI	
Model	
Cast Iron XL Plus	
32-100FXL Plus	\$3,621
32-120 FXL Plus	\$4,069
40-80FXL Plus	\$3,412
40-100 FXL Plus	\$3,889
40-120 FXL Plus	\$4,877

Product Code: LWCI	
Model	
SS XL Plus	
25-60NXL Plus	\$2,380
32-80NXL Plus	\$4,434
32-100NXL Plus	\$4,640
32-120NXL Plus	\$5,805
40-120 FNXL Plus	\$6,501
50-120 FNXL Plus	\$8,984

TLCN - TLCHN Stainless Steel Series

- Threaded wet rotor circulator pumps for residential, light commercial heating and sanitary systems
- Head: up to 12m
- Flow rate: up to 12 m³/h
- Maximum operating pressure: 10 bar
- Temperature of pumped liquid: 2°C to + 110°C
- Unions not included in the price
- 2 Year Warranty on pumps
- N = stainless steel version
- H = high head / high flow version
- L = 180mm centres

Product Code: LWCI	
Model	
PREMIUM 25-6/130	\$944
TLCN15-6	\$803
TLCN20-6	\$811
TLCN25-6	\$861
TLCN25-6L	\$819
TLCHN25-7L	\$1,843
TLCHN25-8L	\$2,221
TLCHN25-12L	\$2,541
TLCH32-7L	\$944
TLCH32-10L	\$1,338



BRONZE UNIONS		
15 mm	LWCI 105890341	\$56
20 mm	LWCI 105890351	\$85
25 mm	LWCI 105890201	\$117
32 mm	LWCI 105890221	\$151

8. PRESSURE TANKS

Pressure Tanks

- 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	\$106
APT-8-10	25	8	\$161
APT-12-10	25	12	\$183
APT-18-10	25	18	\$202
APT-24-10	25	24	\$218
APT-40-10	25	40	\$311
Stand Models With Base			
APT-60-10	25	60	\$515
APT-80-10	25	80	\$702
APT-100-10	25	100	\$889
APT-120-10	25	120	\$1,138
APT-160-10	32	160	\$1,517
APT-200-10	32	200	\$1,689
APT-240-10	32	240	\$1,906
APT-300-10	32	300	\$2,226
APT-450-10	32	450	\$3,303

Horizontal Models (10 Bar Rated)

Product Code: LWPT			
Model	Connection size (mm)	Tank-size Litres	
APT18-10-H	25	18	\$235
APT24-10-H	25	24	\$282
APT40-10-H	25	40	\$363

Larger sizes available on request.



Megaplus

16 Bar Rated

Product Code: LWPT			
Model	Connection size (mm)	Tank-size Litres	
MEGA8-16	25	8	\$279
MEGA18-16	25	18	\$405
MEGA24-16	25	24	\$476
MEGA40-16	25	40	\$684
Stand Models With Base			
MEGA60-16	25	60	\$1,049
MEGA80-16	25	80	\$1,590
MEGA100-16	25	100	\$2,029
MEGA120-16	25	120	\$2,380
MEGA160-16	32	160	\$3,744
MEGA200-16	32	200	\$4,140
MEGA240-16	32	240	\$4,875
MEGA300-16	32	300	\$5,449

Horizontal Models (16 Bar Rated)

Product Code: LWPT			
Model	Connection size (mm)	Tank-size Litres	
MEGA18-16-H	25	18	\$471
MEGA24-16-H	25	24	\$514
MEGA40-16-H	25	40	\$691

Larger sizes available on request.



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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 Auckland and Christchurch, 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?

Check out some of our recent builds online at www.brownbros.co.nz/about/capabilities



9. BOOSTER SETS

e-SV HVL Hydro Pac-Single Booster System

HVL System Price includes:

- eSV Multi-stage pump / Hydrovar® HVL Controller / Stainless steel manifold / 40 ltr Pressure tank / Pressure gauge / Non-return valve & isolation valves all mounted on a stainless steel base (Pressure > 10 bar , 24 ltr 16 bar tank)
- Larger tanks available on request depending on flow rate
- Manifold sizes as shown
- 2 Year Warranty on factory-assembled booster systems



HVL Variable Speed Controlled e-SV1 to 22

Product Code: SVHV				
Model	kW	Manifolds	1 Phase	3 Phase
1SV15HPS	0.75	32mm	\$11,612	\$11,612
1SV22HPS	1.10	32mm	\$12,131	\$12,131
1SV25HPS	1.50	32mm	\$12,279	\$12,279
3SV08HPS	0.75	32mm	\$11,082	\$11,082
3SV10HPS	1.10	32mm	\$11,261	\$11,261
3SV12HPS	1.10	32mm	\$11,493	\$11,493
3SV16HPS	1.50	32mm	\$12,155	\$12,155
3SV21HPS	2.20	32mm	\$12,525	\$12,525
5SV05HPS	0.75	32mm	\$11,195	\$11,195
5SV08HPS	1.10	32mm	\$11,499	\$11,499
5SV11HPS	1.50	32mm	\$12,039	\$12,039
5SV14HPS	2.20	32mm	\$12,424	\$12,424
5SV16HPS	2.20	32mm	\$12,595	\$12,595
5SV21HPS	3.00	32mm	\$13,520	\$13,520
10SV02HPS	0.75	40mm	\$11,591	\$11,591
10SV03HPS	1.10	40mm	\$11,976	\$11,976
10SV04HPS	1.50	40mm	\$12,332	\$12,332
10SV06HPS	2.20	40mm	\$12,686	\$12,686
10SV08HPS	3.00	40mm	-	\$13,546
10SV11HPS	4.00	40mm	-	\$15,783
				\$
15SV02HPS	2.20	50mm	-	\$12,801
15SV03HPS	3.00	50mm	-	\$14,740
15SV05HPS	4.00	50mm	-	\$15,519
22SV02HPS	2.20	50mm	\$13,048	\$13,048
22SV03HPS	3.00	50mm	-	\$14,669
22SV04HPS	4.00	50mm	-	\$16,870



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HVL Variable Speed Controlled e-SV33 to 92

Product Code: SVHV			
Model	kW	Manifolds	3 Phase
SV3301G30T	3.00	65mm	\$17,153
SV3302/1G40T	4.00	65mm	\$19,085
SV4601/1G30T	3.00	80mm	\$17,965
SV4601G40T	4.00	80mm	\$19,239
SV6601/1G40T	4.00	100mm	\$20,358

eSV HVL Hydro Pac-Dual & Triple Booster Systems

HVL System Price includes:

- Dual or triple eSV Multi-stage pumps/ Hydrovar® HVL Controllers / Stainless steel manifolds / 40 ltr Pressure tank / Pressure gauge / Non-return valves & isolation valves all mounted on a stainless steel base
- Pressure > 10 bar , 24 ltr 16 bar tank
- Manifold sizes as shown
- Larger tanks available on request depending on flow rate
- Other multiple pump systems available POA
- 2 Year Warranty on factory-assembled booster systems



HVL Variable Speed Controlled e-SV1 to 22

Product Code: SVHV		DUAL Sets			TRIPLE Sets (add "TP" to model)	
Model	kW	Manifolds	1 Phase	3 Phase	Manifolds	3 Phase
1DSV15HPS	0.75	50mm	\$24,188	\$24,188	65mm	\$38,095
1DSV22HPS	1.10	50mm	\$25,227	\$25,227	65mm	\$39,655
1DSV25HPS	1.50	50mm	\$25,524	\$25,524	65mm	\$40,099
3DSV08HPS	0.75	50mm	\$23,127	\$23,127	65mm	\$36,506
3DSV10HPS	1.10	50mm	\$23,489	\$23,489	65mm	\$37,046
3DSV12HPS	1.10	50mm	\$23,952	\$23,952	65mm	\$37,742
3DSV16HPS	1.50	50mm	\$25,279	\$25,279	65mm	\$39,731
3DSV21HPS	2.20	50mm	\$26,013	\$26,013	65mm	\$40,834
5DSV05HPS	0.75	50mm	\$23,355	\$23,355	65mm	\$36,846
5DSV08HPS	1.10	50mm	\$23,959	\$23,959	65mm	\$37,755
5DSV11HPS	1.50	50mm	\$25,045	\$25,045	65mm	\$39,381
5DSV14HPS	2.20	50mm	\$25,814	\$25,814	65mm	\$40,534
5DSV16HPS	2.20	50mm	\$26,152	\$26,152	65mm	\$41,044
5DSV21HPS	3.00	50mm	\$28,007	\$28,007	65mm	\$43,825
10DSV02HPS	0.75	65mm	\$24,482	\$24,482	80mm	\$38,269
10DSV03HPS	1.10	65mm	\$25,249	\$25,249	80mm	\$39,424
10DSV04HPS	1.50	65mm	\$25,962	\$25,962	80mm	\$40,491
10DSV06HPS	2.20	65mm	\$26,671	\$26,671	80mm	\$41,553
10DSV08HPS	3.00	65mm	-	\$28,389	80mm	\$44,133
10DSV11HPS	4.00	65mm	-	\$32,862	80mm	\$50,843
15DSV02HPS	2.20	80mm	\$26,734	\$26,734	100mm	\$41,718
15DSV03HPS	3.00	80mm	-	\$28,356	100mm	\$44,150
15DSV05HPS	4.00	80mm	-	\$32,169	100mm	\$49,871
22DSV02HPS	2.20	80mm	\$27,227	\$27,227	100mm	\$42,458
22DSV03HPS	3.00	80mm	-	\$30,469	100mm	\$47,321
22DSV04HPS	4.00	80mm	-	\$34,875	100mm	\$53,929



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HVL Variable Speed Controlled e-SV33 to 92

Product Code: SVHV		DUAL Sets		TRIPLE Sets (add "TP" to model)	
Model	kW	Manifolds	3 Phase	Manifolds	3 Phase
SV3301G30THPS	3.00	100mm	\$34,770	150mm	\$52,292
SV3302/1G40THPS	4.00	100mm	\$38,639	150mm	\$58,017
SV4601/1G30THPS	3.00	150mm	\$37,328	200mm	\$53,667
SV4601G40THPS	4.00	150mm	\$39,876	200mm	\$57,360
SV6601/1G40THPS	4.00	150mm	\$44,677	200mm	\$60,648

e-SV HVX Hydro Pac-Single, Dual & Triple Booster Systems



HVX System Price includes:

- Single, dual or triple eSV Multi-stage pumps/ Hydrovar® HVX Intergrated Controllers / Stainless steel manifolds / 40 ltr Pressure tank / Pressure gauge / Non-return valves & isolation valves all mounted on a stainless steel base
- Pressure > 10 bar , 24 ltr 16 bar tank
- Manifold sizes as shown
- Larger tanks available on request depending on flow rate
- Other multiple pump systems available POA
- 2 Year Warranty on factory-assembled booster systems



HVX Variable Speed Controlled e-SV10 to 92

Product Code: SVHV		SINGLE Sets (add "HPS" to model)		DUAL Sets (add "DPS" to model)		TRIPLE Sets (add "TPS" to model)	
Model	kW	Manifolds	3 Phase	Manifolds	3 Phase	Manifolds	3 Phase
LWVS 10SVX06F030T	3.00	50mm	\$14,260	80mm	\$29,110	100mm	\$42,341
LWVS 10SVX08F040T	4.00	50mm	\$15,898	80mm	\$33,118	100mm	\$48,353
LWVS 10SVX11F055T	5.50	50mm	\$17,478	80mm	\$36,278	100mm	\$53,093
LWVS 15SVX02F030T	3.00	80mm	\$14,528	100mm	\$30,146	100mm	\$43,605
LWVS 15SVX03F040T	4.00	80mm	\$16,499	100mm	\$34,088	100mm	\$49,518
LWVS 15SVX05F055T	5.50	80mm	\$18,246	100mm	\$37,582	100mm	\$54,759
LWVS 15SVX07F075T	7.50	80mm	\$20,743	100mm	\$42,576	100mm	\$62,250
LWVS 15SVX09F110T	11.00	80mm	\$22,495	100mm	\$46,079	100mm	\$67,505
LWVS 15SVX12F150T	15.00	80mm	\$25,170	100mm	\$51,431	100mm	\$75,532
LWVS 22SVX02F030T	3.00	80mm	\$14,754	100mm	\$30,789	150mm	\$45,821
LWVS 22SVX03F040T	4.00	80mm	\$16,543	100mm	\$34,367	150mm	\$51,188
LWVS 22SVX04F055T	5.50	80mm	\$17,863	100mm	\$37,007	150mm	\$55,148
LWVS 22SVX05F075T	7.50	80mm	\$18,050	100mm	\$37,381	150mm	\$55,709
LWVS 22SVX07F110T	11.00	80mm	\$19,825	100mm	\$40,931	150mm	\$61,035
LWVS 22SVX10F150T	15.00	80mm	\$23,500	100mm	\$48,282	150mm	\$72,060
LWVS 33SVX02F075T	7.50	100mm	\$24,632	150mm	\$50,353	150mm	\$72,847
LWVS 33SVX03F110T	11.00	100mm	\$28,692	150mm	\$58,473	150mm	\$85,028
LWVS 33SVX04F150T	15.00	100mm	\$31,466	150mm	\$64,020	150mm	\$93,349
LWVS 33SVX05F185T	18.50	100mm	\$33,122	150mm	\$67,333	150mm	\$98,319
LWVS 33SVX06F220T	22.00	100mm	\$37,206	150mm	\$75,501	150mm	\$110,570
LWVS 46SVX02F110T	11.00	100mm	\$25,771	150mm	\$56,457	150mm	\$86,448
LWVS 46SVX03F150T	15.00	100mm	\$26,851	150mm	\$58,617	150mm	\$89,688
LWVS 46SVX04F185T	18.80	100mm	\$29,811	150mm	\$64,537	150mm	\$98,568
LWVS 46SVX05F220T	22.00	100mm	\$34,446	150mm	\$73,806	150mm	\$112,472
LWVS 66SVX02F150T	15.00	150mm	\$26,957	200mm	\$58,988	200mm	\$90,164
LWVS 66SVX03F185T	18.80	150mm	\$31,312	200mm	\$67,699	200mm	\$103,231
LWVS 66SVX04F220T	22.00	150mm	\$33,892	200mm	\$72,858	200mm	\$110,970
LWVS 92SVX02F150T	15.00	150mm	\$28,308	200mm	\$61,690	200mm	\$94,218
LWVS 92SVX03F220T	22.00	150mm	\$33,825	200mm	\$72,725	200mm	\$110,771

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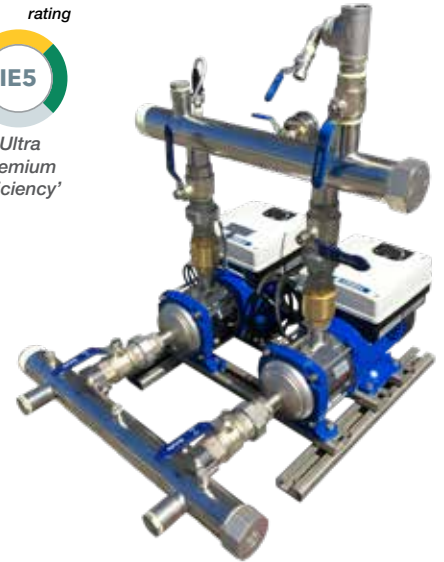
SME Smart Pump - 1 & 3 Phase Booster System

- Price Includes 240 volt Pump, IP55, discharge fittings with isolation valves, and pressure tank on a base
- To AS/NZS 4020
- 2 year warranty on factory assembled booster systems



HME Booster Systems

Product Code: SVHV				
Model	kW	Single Set	Dual Set	
		Price	Manifold	Price
3HME03S03M-BS	0.37	\$3,761	65mm	\$13,012
3HME05S05M-BS	0.55	\$4,146	65mm	\$13,783
3HME07S07M-BS	0.75	\$4,349	65mm	\$14,191
3HME09S11M-BS	1.10	\$5,325	65mm	\$16,144
5HME04S07M-BS	0.75	\$4,179	65mm	\$13,846
5HME06S11M-BS	1.10	\$4,711	65mm	\$14,912
5HME08S15M-BS	1.50	\$5,045	65mm	\$15,581
10HME03S15M-BS	1.50	\$5,311	80mm	\$16,622



Product Code: SVHV				
Model	kW	Single Set	Dual Set	
		Price	Manifold	Price
5HME10S22T-BS	2.20	\$6,090	65mm	\$17,668
10HME04S22T-BS	2.20	\$7,137	80mm	\$20,277
15HME03S22T-BS	2.20	\$6,876	80mm	\$21,111

SVE Booster Systems

Product Code: SVHV		1 Phase			
Model	kW	Single Set		Dual Set	
		Manifold	Price	Manifold	Price
3SVE05-BS	0.55	25mm	\$6,560	50mm	\$14,277
3SVE07-BS	0.75	25mm	\$6,910	50mm	\$14,978
3SVE09-BS	1.10	25mm	\$7,479	50mm	\$16,116
3SVE11-BS	1.50	25mm	\$7,949	50mm	\$17,055
5SVE06-BS	1.10	32mm	\$7,543	50mm	\$16,240
5SVE08-BS	1.50	32mm	\$7,944	50mm	\$17,045
10SVE03-BS	1.50	40mm	\$8,095	80mm	\$19,044

Product Code: SVHV		3 Phase			
Model	kW	Single Set		Dual Set	
		Manifold	Price	Manifold	Price
5SVE06T-BS	1.10	32mm	\$8,571	65mm	\$18,298
5SVE08T-BS	1.50	32mm	\$8,717	65mm	\$18,589
5SVE12T-BS	2.20	32mm	\$9,776	65mm	\$20,709
10SVE03T-BS	1.50	40mm	\$8,994	80mm	\$20,841
10SVE04T-BS	2.20	40mm	\$9,693	80mm	\$22,240
15SVE02T-BS	2.20	50mm	\$9,949	80mm	\$22,751



Triplex Smart Pump booster systems are also available on request.

10. ISO PUMPS



Goulds Water Technology is renowned for manufacturing the highest quality pumping equipment utilising the best engineering practices available worldwide.

The GISO / GIS series back pull out, foot mounted centrifugal pump is no exception. The single stage end suction pump has been designed with latest CAD (Computer Aided Design) and CFD (Computational Fluid Dynamics) and is in accordance with the international standard ISO 2858.

This highly efficient and flexible design makes the GISO / GIS series pump ideal for a wide range of pumping applications, from water supply and irrigation to mining and building services.

GISO / GIS product overview.

Design Versions

The pump comes in two designs:-

- GISO frame mount series is suitable for long coupled
- GIS Stub shaft series is suitable for direct attachment to 2 or 4 pole IEC frame motors.

The standard horizontal configuration units have a vertical centerline discharge.

Pumped Liquid

Designed for non-combustible, low viscosity liquids, free of solids, abrasive materials and fibers.

Various liquid chemical compositions are capable of being pumped through the use of a variety of construction materials and seal options.

Operating Conditions

Flowrate:	Max. 2100 m ³ /hr
Pump Head:	Max. 160 meters
Liquid Temp:	15°C to 120°C (Standard Version)
Max Working Pressure:	160 Metres

Pumps

- Standard construction in cast iron (GG25) casing with Stainless Steel impeller 420 Stainless steel shaft, and mechanical seal.
- Pressure rating to 16 Bar
- Flanges drilled to AS 2129 - 1982 Table E

Motors

- Three phase motors with cast iron frame 380 - 415V 50 Hz, efficiency 1, IP 55 TEFC Class F insulation.

All prices for GISO / GIS series are available on request.



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11. ACCESSORIES / SPARES

AcquaSaver Mains Diversion Valve

Model	Part No.	
20mm (3/4") Valve	MISP ACQUASAVER-20	\$375
25mm (1") Valve	MISP ACQUASAVER-25	\$583



Pressure Switches

Item	Part No.	
P/SWITCH SK-2P 30-50PSI 2.2KW 1PH	MISP 50103	\$50
P/SWITCH 5-WAY SK-2B 30-50PSI 2.2KW 1PH	MISP 50104	\$106
P/SWITCH SK-20 1PH/3PH 12BAR	MISP 50105	\$83
P/SWITCH SK-6 LOP 30-50PSI 1.5KW 1PH	MISP 50106	\$78



SK-2P



SK-20 with clear cover



SK-6 LOP



5-way tee

Float Switch

Model	Part No.	
Float Switch with 10 m cable	SPSP 7105931	\$145

Pressure System Fittings

Item	Part No.	
PRESSURE GAUGE 65MM 0-12B SIDE	SPSP 7103470	\$29
PRESSURE GAUGE 50MM 0-6B SIDE	SPSP 7103976	\$29
PRESSURE GAUGE 50MM 0-6B BACK	SPSP 7101144	\$29
63MM LF 0-10 BAR P/GAUGE	LWSP 21.100.00A	\$98
63MM LF 0-10 BAR P/GAUGE BOTTOM ENTRY	LWSP 21.100.00A-BE	\$98
5 WAY TEE	SPSP 7101135	\$40



Polypropylene Pump Cover

Item	Part No.	
Pump Cover - Polyslab - Grey	MISP 40011	\$279
Pump Cover - Polyslab - Beige	MISP 40012	\$279



Borecaps

Item	Part No.	
32MM X 230MM GALV BORECAPS	MISP 40499	\$169
40MM X 230MM GALV BORECAPS	MISP 40500	\$169
50MM X 230MM GALV BORECAPS	MISP 40501	\$169
80MM X 285MM GALV BORECAPS	MISP 40502	\$184
100MM X 285MM GALV BORECAPS	MISP 40503	\$184

eSV Spare Kits

Mechanical Seal and 'O' ring Kit	Part No.	
For 1, 3 and 5 eSV	LWSP KL01AAD	\$262
For 10,15 & 22 eSV ≤ 4 kW	LWSP KL01AAE	\$307
For 10,15 & 22 eSV ≥ 5.5 kW	LWSP KL01AD7	\$355
SV33 to SV92, carbide/carbon/epdm	LWSP KL01AC0	\$835

'O' Ring Kit	Part No.	
1-3-5 SV	LWSP KL02AA1	\$112
10-15-22 SV	LWSP KL02AA4	\$149



Mechanical Seal Kits



BGM - SGM Series	Part No	
14mm seal suit SM motors carbon/ceramic/nbr	LWSP 22.314.70	\$90

C Series	Part No	
14mm seal suit SM motors carbon/ceramic/nbr	LWSP 22.314.70	\$69
Single-stage 14mm suit SM motors carbon/ceramic/vit	LWSP 22.314.85	\$110
Single-stage 14mm suit SM motors sic/sic/vit	LWSP 22.314.88	\$421
Single-stage 14mm suit SM motors tung/sic/vit	LWSP 22.314.94	\$540

CO Series	Part No	
14mm suit SM motor carbon/ceramic/vit	LWSP 22.314.85	\$110

eHM Series	Part No	
eHMP 1-5 Series		
EHM1-3-5 COMPACT STD SEAL KIT	LWSP KL01AE9	\$194
EHM1-3-5 COMPACT VITON SEAL KIT	LWSP KL01AFC	\$239
EHM1-3-5 COMPACT SIC/SIC SEAL	LWSP KL01AFE	\$351
eHMS 1-5 Series		
EHM1-3-5 SLEEVE DESIGN STD SEAL	LWSP KL01AFF	\$209
EHM1-3-5 SLEEVE DESIGN VTSEAL	LWSP KL01AFK	\$284
EHM1-3-5 SLEEVE DESIGN SIC SEAL	LWSP KL01AFM	\$394
eHMP&S 10-22 Series		
EHM10-15-22 SLEEVE DESIGN STDMS	LWSP KL01AH2	\$202

NSCS Series 2900 rpm	Part No	
NSCS32 to NSCS65 up to 11kW	LWSP KL01AF1	\$337
NSCS40 to NSCS80 15kW to 18kW	LWSP KL01AF7	\$419

FCE/FCS Series 2900 rpm	Part No	
FCE40 to FCE65, up to 11kW carbon/ceramic/epdm	LWSP KL01AAS	\$193
FCE80, up to 7.5kW complete seal carbon/ceramic/epdm	LWSP KL01AAS	\$193

FCE/FCS Series 1450 rpm	Part No	
FCE40 to FCE65, up to 1.5kW carbon/ceramic/epdm	LWSP KL01AAS	\$193
FCE80, up to 1.1kW carbon/ceramic/epdm	LWSP KL01AAS	\$193
FCE50 to FCE80, from 2.2kW to 5.5kW carbon/ceramic/epdm	LWSP KL01AAV	\$358
FCE100, from 1.5kW to 4kW carbon/ceramic/epdm	LWSP KL01AAV	\$358
FCE100, from 5.5kW to 7.5kW carbon/ceramic/epdm	LWSP KL01ABV	\$442

ESHS/SHS Series 2900 rpm	Part No	
ESHS32 to ESHS50, up to 11kW carbon/ceramic/vit	LWSP KL01AA0	\$355
ESHS65, up to 9.2kW carbon/ceramic/vit	LWSP KL01AA3	\$423
ESHS65, 11kW carbon/ceramic/vit	LWSP KL01ACL	\$554
ESHS40 to ESHS80, 15kW to 22kW carbon/ceramic/vit	LWSP KL01ACL	\$554
ESHS65 to ESHS80, 30kW to 37kW carbon/ceramic/vit	LWSP KL01ACM	\$1,111

ESHS/SHS Series 1450 rpm	Part No	
ESHS32 to ESHS50, up to 1.5kW carbon/ceramic/vit	LWSP KL01AA0	\$355
ESHS65, up to 1.1kW carbon/ceramic/vit	LWSP KL01AA3	\$423
ESHS40 to ESHS50, 2.2kW to 3.0kW carbon/ceramic/vit	LWSP KL01ACL	\$554
ESHS65 to ESHS80, 1.5kW to 4kW carbon/ceramic/vit	LWSP KL01ACL	\$554
ESHS80, 5.5kW to 7.5kW carbon/ceramic/vit	LWSP KL01ACM	\$1,111

Mechanical Seal Kits cont.

ISO Series	Part No	
ISO MECH SEAL FRM1 SIC	ISPC MSFRM1SIC32	\$507
ISO MECH SEAL FRM1 STD	ISPC MSFRM1STD32	\$318
ISO MECH SEAL FRM1 VITON	ISPC MSFRM1VT32	\$318
GIS MECH SEAL FRM2 SIC	ISPC MSFRM2SIC43	\$718
ISO MECH SEAL FRM2 STD	ISPC MSFRM2STD43	\$318
ISO MECH SEAL FRM2 VITON	ISPC MSFRM2VT43	\$318
ISO MECH SEAL RM3 SIC	ISPC MSFRM3SIC53	\$718
ISO MECH SEAL FRM3 STD	ISPC MSFRM3STD53	\$398
ISO MECH SEAL FRM3 VITON	ISPC MSFRM3VT53	\$398
ISO MECH SEAL FRM4 SIC	ISPC MSFRM4SIC60	\$886
ISO MECH SEAL FRM4 STD	ISPC MSFRM4STD60	\$507

Counter Flange Kits

NSCS Series - PN16 Pressed Steel Zinc-Plated Threaded Flanges NOTE: Kit comprises two flanges of different sizes, gaskets and bolts			
32mm	Suit NSCS 32	LWNS 109.390.461	\$190
40mm	Suit NSCS 40	LWNS 109.390.471	\$200
50mm	Suit NSCS 50	LWNS 109.390.481	\$206
65mm	Suit NSCS 65	LWNS 109.390.491	\$244

LWLN Series - PN16 Pressed Steel Zinc-Plated Threaded Flanges NOTE: Kit comprises two flanges, gaskets and bolts			
40mm	Suit LNES 40	LNES 109.390.661	\$229
50mm	Suit LNES 50	LNES 109.390.691	\$249
65mm	Suit LNES 65	LNES 109.390.731	\$312
80mm	Suit LNES 80	LNES 109.390.761	\$331
100mm	Suit LNES 100	LNES 109.390.771	\$341

e-ESHS & e-SHS Series - PN16 Pressed 316 Stainless Steel Threaded Flanges NOTE: Kit comprises two flanges of different sizes, gaskets and bolts			
32mm	Suit ESHS/S 32	LWES 109.390.521	\$552
40mm	Suit ESHS/S 40	LWES 109.390.531	\$603
50mm	Suit ESHS/S 50	LWES 109.390.541	\$641
65mm	Suit ESHS/S 65	LWES 109.390.551	\$900
80mm	Suit ESHS/S 80	LWES 109.390.561	\$1,164

eSV Series - 304 Stainless Steel Threaded Flanges			
25mm 4 holes	Suit 1 to 3 eSV	LWSV 109.398.001	\$146
32mm 4 holes	Suit 5 eSV	LWSV 109.398.011	\$193
40mm 4 holes	Suit 10 eSV	LWSV 109.398.021	\$226
50mm 4 holes	Suit 15-22 eSV	LWSV 109.398.031	\$241

eSV Series - PN25 Pressed 316 Stainless Steel threaded flanges			
25mm 4 holes	Suit 1 to 3 eSV	LWSV 109.398.002	\$432
32mm 4 holes	Suit 5 eSV	LWSV 109.398.012	\$555
40mm 4 holes	Suit 10 eSV	LWSV 109.398.022	\$730
50mm 4 holes	Suit 15-22 eSV	LWSV 109.398.032	\$787

SV Series - PN16 Pressed Steel Zinc-Plated Threaded Flanges			
65mm 4 holes	Suit SV 33	LWSV 109.392.710	\$259
80mm 8 holes	Suit SV 46	LWSV 109.392.720	\$320
100mm 8 holes	Suit SV 66/92	LWSV 109.392.730	\$352

All images and curves are a visual guide only.

Additional Information

Water Usage Guides / Friction Loss Tables

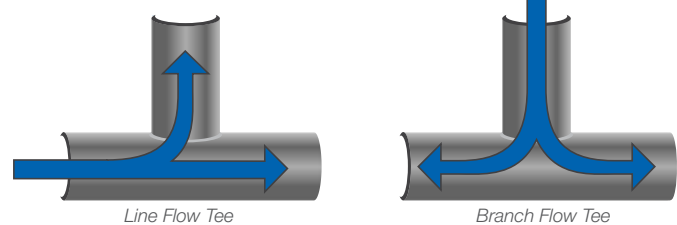
Water Usage Guide

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%.



	Foot valve or check valve	Reducer D/d=2/1	90° Elbow	90° Bend	Gate Valve	Line Flow Tee	Branch Flow Tee
Size (mm)	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

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

Brown Brothers Engineers Ltd

NZ STANDARD TERMS AND CONDITIONS OF SALE

VMay2024-1225

1. Definitions

In these terms and conditions:

1.1 "Credit Application Form" means the credit application form between the Supplier and the Customer in relation to the supply of Goods and/or Services.

1.2 "Customer" means the person, firm, company, partnership, trust or entity named on the Credit Application Form.

1.3 "Goods" means all goods or work products which are supplied by the Supplier under any contract, agreement, arrangement, specification, or understanding to the Customer.

1.4 "IP" means any intellectual property or other property of a creative, branding, or innovative nature, including (as an example but without limitation) trademarks, designs, copyright, methods of business or manufacture, and confidential information.

1.5 "PPSA" means the Personal Property Securities Act 1999, and in these Terms, unless the contrary intention appears, the terms "at risk", "financing statement", "financing change statement", "proceeds", "security interest" and "verification statement" each have the meaning given to that term in the PPSA.

1.6 "Premises" means the physical address of the Customer noted on the Credit Application Form or such other location as the Supplier may agree to in writing from time to time.

1.7 "Quotation" means any written quotation issued by the Supplier to the Customer in respect of Goods and/or Services from time to time and for the purposes of these Terms includes any contract, agreement, arrangement, or understanding entered into by the Customer and the Supplier for the supply of Goods or Services.

1.8 "Services" means all services which are supplied by the Supplier under any contract, agreement, arrangement, specification, or understanding to the Customer, including, but not limited to installation of pumps.

1.9 "Supplier" means the relevant entity that the Customer is contracting with, being either (1) Brown Brothers Engineers Limited, (2) Galbraith Engineering Limited, (3) Brown Brothers Engineers Flow Technology Limited or (4) Axflow Holdings New Zealand Limited together with its successors and assigns.

1.10 "Terms" means these standard terms and conditions.

2. General

2.1 These Terms apply to all arrangements entered into between the Supplier and the Customer for the supply of Goods and/or Services, despite anything to the contrary put forth by the Customer. Special terms accepted in writing by the Supplier shall prevail.

2.2 By submitting the Credit Application Form or placing an order for Goods and/or Services or by acceptance of any Quotation, the Customer accepts these Terms.

2.3 Any Quotation issued by the Supplier may be withdrawn by the Supplier at any time prior to acceptance in writing by the Customer, and unless withdrawn, remains valid for acceptance for 30 days (or such other period as stated in the Quotation) from the date of issue.

2.4 Once an offer, Quotation, or agreement has been accepted, it cannot be modified, varied, or cancelled without the prior written consent of the Supplier, at the Supplier's sole discretion.

2.5 If the Supplier consents to any modification, variation, or cancellation, of Goods or Services, the Customer will pay all losses suffered or incurred by the Supplier, including loss of profits, and/or to require full payment of that order for Goods and/or Services.

2.6 If the Supplier consents to a modification (other than a reduction or cancellation) or variation, such consent is given subject to the parties agreeing any necessary modifications to that order including changes to the date for Delivery and price, and other relevant matters.

2.7 Quotations for the installation of pumps are based on the assumption that the well is clean and in good order. The Quotation does not cover any cleaning of the well nor any servicing required due to grit or other foreign matter being drawn from the well.

2.8 To the extent the Consumer Guarantees Act 1993 ('Consumer Guarantees Act') applies, nothing in these Terms limits the Customer's rights under the Consumer Guarantees Act unless it would be fair and reasonable to do so.

2.9 Goods are offered subject to availability. Where Goods are not available, the Supplier has no obligation to supply the Customer.

2.10 Reference to any legislation includes its successor or amendment legislation; and the singular includes the plural and vice versa.

2.11 Clauses 5, 6, 9.2(e) and 10 only apply where the Supplier has supplied Goods to the Customer under these Terms.

2.12 Clause 7 only applies where the Supplier has supplied Services to the Customer under these Terms.

2.13 Any dimensions and specifications referred to in any order or Quotation, a catalogue, or other publication maintained or issued by

the Supplier are estimates only. Unless it is agreed in writing, it is not a condition of contract that the Goods will correspond precisely to the dimensions, specifications or customary tolerances.

3. Price and payment

3.1 All Goods and Services will be supplied at the price stated in the relevant Quotation. If no price is stated, or no Quotation is issued, Goods and Services will be supplied at the Supplier's prevailing prices at the relevant date of delivery.

3.2 All prices are in New Zealand dollars and exclusive of goods and services tax ("GST") and other government levies, unless otherwise stated, and GST shall be added to the price. Unless otherwise agreed in writing all freight, insurance and delivery charges will be additional to any price quoted.

3.3 Prices are only valid for the time stated on any quotation, website, or price list, or if no time is stated, the date of the quotation, price list, or search of website, and are subject to change. The price of the Goods is also subject to change if the Goods are not immediately available for supply and there is a change in the Supplier's own supply-chain costs (e.g. exchange rates, production costs, customs duty, and insurance costs).

3.4 Payment for Goods and/or Services shall be made by the Customer:

a. by the 30th of the month following delivery of such Goods and/or Services, or such other time notified by the Supplier; and

b. for the full amount stated on the Supplier's invoice (without any kind of deduction, counterclaim or set-off) and in cleared funds; but

c. immediately, where there has been a default under these Terms.

3.5 Where the full payment for Goods and/or Services has not been received, the Customer will pay interest on the amount owing on the due date at the rate of 20% per annum. Where full payment has not been made for Goods and/or Services previously supplied, the Supplier may apply any payment received by the Customer towards any of the Goods and/or Services supplied at the Supplier's sole discretion.

3.6 The Customer will pay to the Supplier on a full indemnity basis all reasonable costs and expenses (including costs on a solicitor and client basis) that the Supplier incurs in general administration, delivery of Goods, storage (where the Customer fails to take delivery), securing its position, PPSA matters, repossession, and enforcing, or attempting to enforce any of the Supplier's rights under these Terms.

3.7 Any grant of credit by the Supplier to the Customer is at the Supplier's sole discretion, and can be cancelled or amended at any time without notice to the Customer.

4. Delivery and risk

4.1 The Supplier undertakes to use all reasonable endeavours to deliver the Goods (at the Customer's cost) or the Services within the time requested, but the time of delivery shall not be treated as a condition of sale. To the fullest extent permitted by law, and subject to clause 2.8 of these Terms, the Supplier:

a. will not be liable in any way to the Customer or any other party for loss resulting from failure to, or delay in, delivery;

b. reserves the right to deliver the Goods and Services by instalments and each instalment shall be deemed to be a separate contract governed by these Terms;

c. reserves the right to cancel any order relating to any Good or Goods or Services which in the opinion of the Supplier is impractical or uneconomic to produce or supply; and

d. is not responsible for the Customer failing to accept delivery of the Goods.

4.2 Delivery occurs when the Supplier (including any employee or agent for the Supplier) hands possession or control of the Goods to the Customer (or a third party on instruction by the Customer) at which point the Goods shall be at the sole risk of the Customer. The Supplier shall not be liable for any damage to the Goods once risk has passed. The Services will be deemed to have been delivered when performance of the Services is completed. Risk in the Customer's goods in possession of the Supplier for, including but not limited to, servicing, inspection, repair remains with the Customer at all times.

4.3 The Customer is deemed to have accepted the Goods or Services unless the Customer notifies the Supplier of damage to the Goods or defects in the Services within seven (7) days of delivery of the Goods or Services to the Customer.

4.4 Any Goods returned to must be returned freight paid, and the Customer can claim for any reasonable freight charges. All returns must be accompanied by the packing slip or delivery docket, and a copy of the invoice. Where the Supplier elects to repair defective Goods, the Supplier will use reasonable endeavours to repair the Goods, as soon as practical, but will not be liable for any delay in completing the repairs.

4.5 Goods "ex stock" may be returned freight paid for a handling fee of 10%, provided the Goods (together with a copy of the relevant invoice)

are returned within 14 days of delivery of the Goods. The Customer may only return Goods under this clause if the Goods are in the same condition as when purchased. Goods specifically purchased, fabricated or machined at the Customer's request are not returnable.

4.6 Insurance, assembly, configuration, and installation of the Goods is the sole responsibility of the Customer.

5. Insurance

5.1 Where any amounts remain unpaid by the Customer, the Customer must insure and keep the Goods insured for the full insurable value once risk has passed to the Customer.

5.2 Where the Supplier has provided the Customer any Goods on consignment, the Customer must insure and keep the Goods insured for the full insurable value until the Goods are purchased or sold.

5.3 Where the Customer receives any insurance proceeds for unpaid Goods, such proceeds must be paid to the Supplier.

6. Location and title

6.1 The Customer shall hold the Goods at the Premises until the Goods have been sold or used in the ordinary course of the Customer's business.

6.2 The Goods shall either be kept separate from other goods or labelled in such a way so that the Goods are easily identifiable as belonging to the Supplier. The Customer irrevocably grants permission to the Supplier, or its agent(s), on reasonable notice to enter the Premises (or other premises to which the Customer has access and where the Goods are stored or where the Supplier reasonably believes the Goods are stored) at any time, and inspect the Goods without incurring any liability to the Customer or any person claiming through the Customer.

6.3 Despite delivery of the Goods to the Customer, passing of risk, and possession of Goods by the Customer, title to the Goods is retained by the Supplier, and the Goods are held by the Customer as bailee only, until the Customer has paid the Supplier in full for all Goods in accordance with these Terms. Part payment does not convey any part title in the Goods.

7. Services

7.1 Where the Supplier has agreed to install Goods for the Customer, the Supplier is not responsible for determining or ascertaining the structure soundness or suitability of any structure, foundation, or building in which the Goods are to be installed.

7.2 If the Supplier has any concerns regarding the safety of its employees or agents, in relation to the access and use of the Premises, the Supplier can halt all work (suspend the Services) until resolution of the Supplier's safety concerns. The Customer is liable for payment of work undertaken.

7.3 Where the Supplier has reasonable cause to believe the Customer will breach these Terms, the Supplier may suspend provision of the Services or refuse to provide Services. The Supplier may also sub-contract the whole or any part of the Services.

7.4 The Customer must not use the Services for any purpose not expressly permitted by the Supplier; or resupply the Services or otherwise make the Services available to any person, except with the Supplier's prior written consent in each instance.

7.5 Where the Supplier is supplying Services at the Premises the Customer must:

- a. ensure that it provides the Supplier with reasonable access to the Premises to enable the Supplier to provide the Services; and
- b. comply in all respects with the Health and Safety at Work Act 2015 (and any associated regulations and industry guidelines).

8. Representations and warranties

8.1 The Customer represents and warrants that:

- a. all information provided in the Credit Application Form is true, correct, and complete;
- b. it is acquiring the Goods and Services for business purposes, and, subject to clause 2.8 of these Terms, to the fullest extent permitted by law and to the extent it is fair and reasonable to do so, the Consumer Guarantees Act does not apply to the supply of the Goods and/or Services;
- c. it has, in its sole discretion, determined the suitability of the Goods for its intended use, storage, and application of such Goods and not relied on any advice from the Supplier; and
- d. it will notify the Supplier of any change in ownership, control, status, or management of the Customer.

8.2 The above representations and warranties apply at the time of every supply of Goods and/or Services under these Terms.

8.3 Subject to clause 2.8 of these Terms, the only warranty given by the Supplier is the express written warranty supplied to the Customer by the Supplier or the manufacturer of the Goods in respect of specified Goods. Any such warranty may include situations that void the warranty. All other terms, conditions, warranties and representations expressed or implied, whether by operation of law, statutory or otherwise are expressly excluded (except any which may not lawfully be excluded).

8.4 The Supplier's liability to the Customer under the Fair Trading Act 1986 is limited to the fullest extent permitted by law. The Customer agrees

that it is fair and reasonable that the parties are bound by the provisions in these Terms.

8.5 Subject to any liability that cannot be excluded by law, and clause 2.8 of these Terms, the Supplier's total aggregate liability (whether in tort (including negligence), contract or otherwise) for any loss or damage or injury arising directly or indirectly from any defect in or non-compliance of any Goods or Services, or any other breach of the Supplier's obligations to the Customer shall be limited to the price paid by the Customer for the relevant Goods and/or Services.

8.6 To the fullest extent permitted by law, and subject to clause 2.8 of these Terms, the Supplier will not be liable for any loss of profits, loss of revenue, loss of savings or for any indirect, consequential, special, exemplary, or incidental damages suffered by the Customer as a result of these Terms, the Goods and/or the Services.

8.7 The Supplier is not liable for or where:

- a. the Customer has altered or modified the Goods;
- b. used the Goods in an unusual way or non-recommended use or mishandling;
- c. the Goods are second hand Goods;
- d. where the terms of any written warranty have not been complied with, or any manufacturers' handbook provided to you has not been complied with;
- e. normal wear and tear;
- f. where electrical Goods have not been used on the correct electrical current or not in the manner or not for the duty recommended by the Supplier;
- g. failure or damage to equipment caused by sand or any abrasive material; and/or
- h. repairs or jobs using Customer supplied material.

9. Default

9.1 The Customer will be in default under these Terms:

- a. if any amount payable by the Customer to the Supplier is overdue;
- b. if the Customer breaches any term of these Terms;
- c. if the Customer becomes or is likely to become insolvent;
- d. if the Customer enters into a scheme of arrangement with creditors;
- e. if the Customer ceases or threatens to cease to carry on all or a material part of its business, or have a receiver appointed in respect of any or all of its assets;
- f. a creditor of the Customer takes possession of any Goods; or
- g. if the Supplier has grounds to believe the Goods are at risk.

9.2 Following any default under these Terms, the Supplier (or its agent(s)) shall be entitled to do any or all of the following:

- a. refuse to supply any Goods and/or Services; and/or
- b. call up all amounts owing by the Customer to the Supplier as immediately due and payable; and/or
- c. enforce the security interest created under these Terms; and/or
- d. cancel all or any part of any contract or contracts (including these Terms) with the Customer; and/or
- e. set off against any monies owed by the Supplier to the Customer or any monies which the Customer owes to the Supplier or any related companies or shareholders so that the Supplier's obligation to the Customer shall be to pay the net balance only; and/or
- f. if any of the Supplier's related companies or shareholders owe monies to the Customer then they may set off against those monies any monies owed by the Customer to the Supplier in respect of any Goods or Services and they will only be liable to pay the net balance owing (this provision is made for the benefit of the Supplier's related companies and shareholders and may be enforced directly by them in their own respective names); and/or

g. enter the Premises (or any other premises to which the Customer has access and where the Goods are stored or where the Supplier reasonably believes the Goods are stored) to recover any of the Goods (whether they are affixed, attached, or stored in any way) or enter any other premises where the Supplier believes the Goods are stored at any time and without notice and to use such force as required (the Customer irrevocably authorises and indemnifies the Supplier and any of its agents for this purpose); and/or

h. appoint any person or persons to be receiver of all or any of the Goods. A receiver has (in addition to the powers conferred by the Receiverships Act 1993, at law or otherwise and except to the extent expressly excluded by his or her terms of appointment) all the powers in relation to the Goods to do anything the Customer (or a person with absolute ownership of the Goods and carrying on the business for its own benefit) could do and to exercise such powers on such terms and conditions as the receiver thinks fit.

9.3 The enforcement, partial enforcement, waiver of rights, invalidity, or grant of time, of any of the Supplier's rights under these Terms shall not be deemed to be a waiver or invalidity of any other of the Supplier's rights

under these Terms.

10. PPSA and Liens

10.1 The Customer grants to the Supplier a security interest in all present and after acquired Goods supplied by the Supplier to the Customer and all proceeds of the Goods for the purposes of the PPSA as security for the payment of the Goods and any amount owing by the Customer to the Supplier from time to time.

10.2 On the request of the Supplier, the Customer shall promptly execute any documents and do anything else required by the Supplier to give effect to these Terms and to ensure that the security interest created under these Terms constitutes and remains a first ranking perfected security interest over the Goods and their proceeds.

10.3 The Customer:

- a. shall not consent to or enter into any agreement which permits any other person to register a security interest in respect of the Goods or their proceeds, which ranks in priority to the Supplier's security interest;
- b. shall notify the Supplier in writing of a change of its name at least 14 working days prior to the date on the change of name;
- c. shall provide any information the Supplier reasonably requires for a financing statement or a financing change statement; and
- d. waives any right to receive a copy of any verification statement, financing statement or financing change statement.

10.4 The Customer agrees that nothing in sections 114(1)(a), 133 and 134 of the PPSA shall apply to these Terms.

10.5 The Customer agrees that its rights as debtor in sections 116, 120(2), 121, 127, 129 and 131 of the PPSA shall not apply to these Terms.

10.6 All goods delivered to or in the Supplier's possession, for repair or servicing are subject to a lien for any sums owing by the Customer to the Supplier, for repairs or servicing carried out on the goods. Where the Supplier retains a lien over any of the Customer's goods and the Customer is more than three months overdue with any monies owing, the Supplier may, without further notice, sell the goods in such a manner and on such terms as the Supplier thinks fit, and may from sale proceeds pay the amounts owing to the Supplier for work done, and any expenses of sale.

11. Intellectual property rights

11.1 The Supplier owns all existing IP in relation to the Goods and/or Services together with any new IP created, and the Customer shall not acquire any licence, right, title, or interest in the Supplier's IP.

11.2 The Customer is not authorised to use or disclose to anyone any of the Supplier's IP in relation to the Goods and Services without the express written authority of the Supplier in writing. Where any such consent is given the consent will be as licensee, non-transferable, and for a limited time period only.

11.3 The Customer must advise the Supplier immediately when it becomes aware of any unauthorised use or attempted use by any person of the Supplier's IP.

11.4 Where any equipment is manufactured by the Supplier to the Customer's specification, the Customer hereby warrants that the manufacture and supply of such equipment by the Supplier does not infringe any IP right and the Customer indemnifies the Supplier against any liability to or action by a third party for infringement or alleged infringement of any IP right.

12. Miscellaneous

12.1 The Supplier shall be entitled to amend these Terms at its sole discretion upon 30 days' notice in writing to the Customer. Such amended terms shall apply to all orders placed by the Customer at the expiry of the 30 day notice period.

12.2 The Customer may not assign its rights under these Terms or the Credit Application Form without prior written consent of the Supplier. The Supplier may assign or transfer its rights and title under these Terms without consent of the Customer.

12.3 Where any provision of these Terms becomes illegal, invalid or unenforceable the remaining provisions of the Terms will be unaffected.

12.4 The parties are independent to each other.

12.5 No failure or delay on the part of the Supplier to exercise any right or remedy under these Terms operates as a waiver of such right.

12.6 The Customer consents to receive notices given pursuant to these Terms and other communications from the Supplier electronically.

12.7 The Supplier will not be liable for any delay in meeting, or failure to meet, its obligations (other than an obligation to pay money) where such delay or failure is caused by any event outside its reasonable control (including any delay or failure caused by any act or omission of the other party), such as the result of war or civil disturbance, strike, lockout, fire, lock-down, macro-economic credit issues, shortages of materials or any other circumstances.

12.8 These Terms shall be governed by and construed in accordance with the laws of New Zealand and each of the parties submits to the non-exclusive jurisdiction of the courts of New Zealand.

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: ☐ Credit Reason for return:		
☐ Repair		
☐ Quote for repair		
☐ 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:	psi / m
Average temperature:		Liquid:	
Plant site:	Indoor / Outdoor	Plant site:	Indoor / Outdoor
<u>Application</u>	☐ Industrial	<u>Bore</u>	
	☐ Domestic	Power:	Mains / Generator
	☐ Irrigation	Cable size & length:	metres
	☐ Rural	Bore ID:	mm
		Bore depth:	metres
<u>Waste / Sewerage</u>		Pump setting:	metres
Pit size:	x x metres	Pumping level:	metres
Control:	Automatic / Manual	Control:	Automatic / Manual
Pump protection :	Yes / No	Discharge pressure:	psi / m
Type of protection:		Pump protection:	Yes / No
Discharge type & size:		Type of protection:	
		Discharge type & size:	
Selected Duty	m ³ hr / GPM		metres head / psi

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 local office for return approval and to obtain your Goods Return Number.

PUMP REPAIR SAFETY DECLARATION

As part of the New Zealand Hazardous Substances & New Organisms Regulations and the Health and Safety at Work regulatory framework - 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:	
<u>EQUIPMENT</u>			
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			
<u>DECLARATION</u>			
(Please tick box) To be completed by a responsible representative of the end-user / customer			
<i>I declare that I have taken all responsible steps to ensure</i> <i>the accuracy of the above information</i> <i>the items being shipped are secured and safe for transport</i> <i>the pump / product supplied is free from any known hazards or risk</i>			
Customer representative to sign	Name:	Signed:	
	Position:	Date:	
WARNING: Failure to supply this information may result in the goods being returned unexamined, with package and carriage costs charged.			

Photocopy this page before using or request a copy from your local branch.

We have the capability to custom-build a complete pump system to your specifications using any pump from our range.

SURFACE

Up To
Capacity: 18,000 m³/h
Head: 550m



BOREHOLE

Up To
Capacity: 520 m³/h
Head: 700m



WASTE AND WASTE WATER

Up To
Capacity: 720 m³/h
Head: 225m



BOOSTER

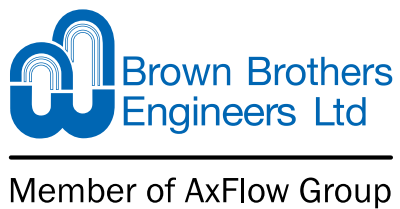
Up To
Capacity: 800 m³/h
Head: 220m



CONTROLLERS AND VARIABLE SPEED DRIVES



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