



# PUMPS & SEALS



**WE  
KEEP YOU  
FLOWING!**

[www.itspumps.co.za](http://www.itspumps.co.za)



## ITS PUMPS DOUBLE AND SINGLE CARTRIDGE SEALS



Seal B14610  
Single Cartridge seal



Seal B14610 DB  
Double Balanced  
Cartridge seal



Seal B14610 A3 DB8



Seal B14810 A3



Seal B23 Cartridge



Seal B23 Cartridge



Seal B14810 DBSA  
Double Balanced  
Cartridge Seal, Special Alloy

## ITS PUMPS MAINTENANCE TOOLS & PRODUCTS



Packing Cutter  
Small / Large



flon  
Uniseal



Packing Extractor  
Flexible Units



Gasket Cutter  
Manual / Electric

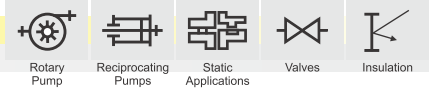
## ITS PUMPS SEAL REPAIRS





# PUMPS & SEALS

## ITS PUMPS GLAND PACKING



flon 4788

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T-220°C to +300°C		P 20 Mpa (200 bar)	
S 25 m/s		pH 2 - 13	



flon 4789

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T-220°C to +275°C		P 10 Mpa (100 bar)	
S 20 m/s		pH 2 - 12	



flon 4488

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T-220°C to +300°C		P 30 Mpa (300 bar)	
S 30 m/s		pH 1 - 13	



flon 4757

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
T-220°C to +300°C		P 180 Mpa (1800 bar)	
S 22 m/s		pH 2 - 14	



flon 4758

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
T-220°C to +300°C		P 100 Mpa (1000 bar)	
S 10 m/s		pH 2 - 14	



tex 4777

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T-50°C to +200°C		P 6 Mpa (60 bar)	
S 15 m/s		pH 3 - 11	



flon 3206

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
T-200°C to +280°C		P 10 Mpa (100 bar)	
S 10 m/s		pH 0 - 14	



flon 3206 SO

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
T-200°C to +300°C		P 30 Mpa (300 bar)	
S < 5 m/s		pH 0 - 14	

Aramid • PTFE • Synthetic • Carbon Graphite • Vegetable • Mineral

# ITS PUMPS GLAND PACKING



flon 4308

T-200°C to +300°C		P 11 Mpa (110 bar)	
S 26 m/s		pH 0 - 14	



flon 3207

T-200°C to +300°C		P 10 Mpa (100 bar)	
S < 25 m/s		pH 0 - 14	



flon 5790

T-50°C to +260°C		P 10 Mpa (100 bar)	
S 20 m/s		pH 2 - 13	



flon 2790

T-50°C to +260°C		P 10 Mpa (100 bar)	
S 15 m/s		pH 1 - 13	



flon 7188

T-220°C to +300°C		P 20 Mpa (200 bar)	
S 20 m/s		pH 1 - 13	



flon 7189 slurry

0 °C to 260°C		P 20 Mpa (200 bar)	
S 20 m/s		pH 1 - 13	



tex 2761

T-50°C to +260°C		P 10 Mpa (100 bar)	
S 15 m/s		pH 1 - 13	



graf T

T-200°C to +600°C		P 30 Mpa (300 bar)	
S 35 m/s		pH 0 - 14	



graf TSP

T-200°C to +550°C		P 30 Mpa (300 bar)	
S 35 m/s		pH 0 - 14	



graf 6785

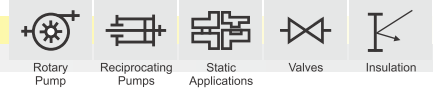
T-200°C to +600°C		P 30 Mpa (300 bar)	
S 25 m/s		pH 0 - 14	

Aramid • PTFE • Synthetic • Carbon Graphite • Vegetable • Mineral



# PUMPS & SEALS

## ITS PUMPS GLAND PACKING



graf 6940

T-200°C to +650°C	P 40 Mpa (400 bar)		
S 1 m/s	pH 0 - 14		



graf 6118

T-200°C to +600°C	P 40 Mpa (400 bar)		
S 1 m/s	pH 0 - 14		



graf 6745 NG

T-450°C to +600°C	P 30 Mpa (300 bar)		
S < 25 m/s	pH 0 - 14		



graf 6995

T-200°C to +600°C	P 40 Mpa (400 bar)		
S 1 m/s	pH 0 - 14		



flon 1779

T-40°C to +120°C	P 40 Mpa (400 bar)		
S 15 m/s	pH 4 - 11		



tex 14

T-40°C to +60°C	P 1 Mpa (10 bar)		
S 6 m/s	pH 5 - 9		



HEPHAISTOS® 2000 T

T 850°C (max.)	P 10 Mpa (100 bar)		
S 0.2 m/s	pH 2 - 13		



HEPHAISTOS® 2000 G

T 850°C (max.)			
			pH 2 - 13

A gland packing braid must seal, and to this end its porosity must be as low as possible. This requires a higher density and hence a heavier braid for the same lengths. Use of a light braid of low compactness, hence generally lower cost, must be compensated for in the form of more seals or more frequent replacement of seals - **AND HENCE A HIGHER COST IN THE LONG TERM.**

**Aramid • PTFE • Synthetic • Carbon Graphite • Vegetable • Mineral**



# ITS PUMPS COMPONENT SEAL RANGE



Type 10



Type 1A



Type 20



Type 11



Type 12



Type 13



Type 15



Type 14



Type 21



Type 21K



Type 21N



Type 30 METRIC



Type 30 IMPERIAL



Type 31



Type 33



# PUMPS & SEALS

## ITS PUMPS COMPONENT SEAL RANGE



Type 32



Type 34



Type 40



Type 50



Type 51



Type 52



Type 60



Type 7N



Type 70



Type 70



Type 70



Type 71

# ITS PUMPS COMPONENT SEAL RANGE



Type 71 PIONEER



Type 71 KAGO



Type 72



Type 75



Type 75



Type 83



Type 84



Type 90



Type 91



Type 94



Type 95



Seal B17210  
Metal Bellow



CTS 71



Seal B23

# ITS PUMPS COMPONENT SEAL RANGE



Type W



Type 52G



Type 52G



Type 52L



Type 30A



Type 30B



Type 33B



Type 11B



Type 11K



Type 11L



Type H



Type H



Type C



Type P



Type 21Q



Type X  
Special Stationary





# PUMPS & SEALS

## FOOD & BEVERAGE



Type WPSS - APV® WP



Type WPDB - APV® WP



Type WPSS - APV® WP +



Type WPDB - APV® WP +



Type U5



Type GU 25mm



Type OL



Type HG



Type FS 22mm



Type FS 22mm



Type FS 30mm



Type FS 35mm

# SUBMERSIBLE PUMP SEALS



FLYGT® 2066



FLYGT® 2075



FLYGT® 2102 NT



FLYGT® 2102 OT  
+ "O" Ring Kit



FLYGT® 2125 NT



FLYGT® 2125 NT  
+ "O" Ring Kit



FLYGT® 2151 OT



FLYGT® 2151 OT  
+ "O" Ring Kit



FLYGT® 2151 NT



FLYGT® 2151 OT  
+ "O" Ring Kit



FLYGT® 2201



FLYGT® 2201  
+ "O" Ring Kit



FLYGT® 2201



FLYGT® 2201  
+ "O" Ring Kit



FLYGT® 2250



FLYGT® 2250  
+ "O" Ring Kit



# PUMPS & SEALS

## SUBMERSIBLE PUMP INDUSTRY



FLYGT® 2400



FLYGT® 2400  
+ "O" Ring Kit



FLYGT® 3300



FLYGT® 3060



FLYGT® 3085



FLYGT® 3085



FLYGT® 3102



FLYGT® 3127



FLYGT® 3152



ABS® SEALS



Type EB



Type EB

# SUBMERSIBLE PUMP SEALS



Type GR Grindex®



Type HL Hidrostal®



Type MW Sakuragawa®



Type MW Sakuragawa®



Type TS Tsurumi®



Type TS Tsurumi®



Type TS Tsurumi®





Type SA Sarlin®



Type WA Warman®

## HORIZONTAL CENTRIFUGAL PUMP SERIES


### PERIPHERAL PUMPS

	XKM50-1	0.11KW	220V
	APM37	0.37KW	220V
	APM60	0.6KW	220V
	APM75	0.75KW	220V
	APM90	0.9KW	220V
	APM110	1.1KW	220V
	APM150	1.5KW	220V


### VARIABLE SPEED DRIVE HOME BOOSTER (with 94% Efficient Motor)

	MAC 550A	0.55KW	220V
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### SELF PRIMING JET PUMPS

	AJM30	0.3KW	220V
	AJM45	0.45KW	220V
	AJM60	0.6KW	220V
	AJM75	0.75KW	220V
	AJM90	0.9KW	220V
	AJM110	1.1KW	220V
	AJM150	1.5KW	220V

### SELF-PRIMING JET PUMPS (Full 304 Stainless Steel)

	AJM30S	0.3KW	220V
	AJM45S	0.45KW	220V
	AJM60S	0.6KW	220V
	AJM75S	0.75KW	220V
	AJM90S	0.9KW	220V

### DEEP-WELL JET PUMP (Max Suction : 40m)

	AJDm 75/2H	0.75KW	220V
	AJDm 75/4H	0.75KW	220V
	AJDm 110/2H	1.1KW	220V
	AJDm 110/4H	1.1KW	220V

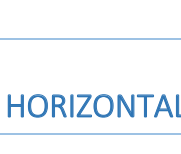
### SINGLE STAGE CENTRIFUGAL PUMPRANGE

	ACM25	0.25KW	220V
	ACM37	0.37KW	220V
	ACM60	0.6KW	220V
	AC60	0.6KW	380V
	ACM75	0.75KW	220V
	AC75	0.75KW	380V
	ACM110/ ACm110L	1.1KW	220V
	AC110	1.1KW	380V
	ACM150/ ACm150L	1.5KW	220V
	AC150	1.5KW	380V
	AC220	2.2KW	380V
	ACM 220CH2	2.2KW	220V
	AC 220CH2	2.2KW	380V
	ACM 300CH2	3.0KW	220V
	AC 300CH2	3.0KW	380V
	ACM 300C2	3.0KW	220V
	AC 300C2	3.0KW	380V
	ACM 400CH2	4.0KW	220V
	AC 400CH2	4.0KW	380V
	AC 550C2	5.5KW	380V
	AC 750C2	7.5KW	380V
	ACM60B2	0.6KW	220V
AC60B2	0.6KW	380V	

	ACM75B2	0.75KW	220V
	AC75B2	0.75KW	380V
	ACM110B2	1.1KW	220V
	AC110B2	1.1KW	380V
	ACM150B2	1.5KW	220V
	AC150B2	1.5KW	380V
	ACM110BF3	1.1KW	220V
	AC110BF3	1.1KW	380V
	ACM150BF3	1.5KW	220V
	AC150BF3	1.5KW	380V
	ACM150B4	1,5KW	220V
	ACM220BF3	2.2KW	220V
	AC220BF3	2.2KW	380V
	ACM300B4	3KW	220V
	AC300B4	3KW	380V
	ACM400BF4	4KW	220V
AC400BF4	4KW	380V	

#### STAINLESS STEEL OPEN IMPELLER CENTRIFUGAL PUMPRANGE (Viton Seal –Food Grade)

	ABK50D	0.37KW	220V
	ABK50	0.37KW	380V
	ABK100D	0.75KW	220V
	ABK100	0.75KW	380V
	ABK120D	0.9KW	220V
	ABK120	0.9KW	380V
	ABK150D	1.1KW	220V
	ABK150	1.1KW	380V
	ABK200D	1.5KW	220V
	ABK200	1.5KW	380V
	ABK300D	2.2KW	220V



	ABK300	2.2KW	380V
	ABK400	3KW	380V

#### HORIZONTAL MULTISTAGE CENTRIFUGAL PUMPS


	2ACM110	1.1KW	220V
	2AC110	1.1KW	380V
	2ACM150	1.5KW	220V
	2AC150	1.5KW	380V
	2AC220	2.2KW	380V
	2XCM25/160A	2.2KW	220V
	2ACM300H	3KW	220V
	2AC300H	3KW	380V
	2AC400H	4KW	380V

#### STAINLESS STEEL HORIZONTAL MULTISTAGE CENTRIFUGAL PUMPS (Viton Seal –Food Grade)

	EDHm2-30	0.37KW	220V
	EDH2-30	0.37KW	380V
	EDHm2-50	0.55KW	220V
	EDH2-50	0.55KW	380V
	EDHm2-60	0.75KW	220V
	EDH2-60	0.75KW	380V
	EDHm4-30	0.55KW	220V
	EDH4-30	0.55KW	380V
	EDHm4-40	0.75KW	220V
	EDH4-40	0.75KW	380V
	EDHm4-50	1.1KW	220V
	EDH4-50	1.1KW	380V
	EDHm4-60	1.1KW	220V
	EDH4-60	1.1KW	380V
	EDHm10-20	0.75KW	220V
	EDH10-20	0.75KW	380V

	EDHm10-30	1.1KW	220V	RAP1266	R6,450.00
	EDH10-30	1.1KW	380V	RAP1267	R6,450.00
	EDHm10-40	1.5KW	220V	RAP1268	R7,750.00
	EDH10-40	1.5KW	380V	RAP1269	R7,750.00
	EDHm10-50	2.2KW	220V	RAP1270	R8,250.00
	EDH10-50	2.2KW	380V	RAP1271	R8,250.00
	EDHm15-10	1.1KW	220V	RAP1272	R5,550.00
	EDH15-10	1.1KW	380V	RAP1273	R5,550.00
	EDHm15-20	2.2KW	220V	RAP1274	R7,250.00
	EDH15-20	2.2KW	380V	RAP1275	R7,250.00
	EDH15-30	3KW	380V	RAP1413	R8,400.00
	EDHm20-10	1.1KW	220V	RAP1277	R5,850.00
	EDH20-10	1.1KW	380V	RAP1278	R5,850.00
	EDHm20-20	2.2KW	220V	RAP1279	R7,350.00
	EDH20-20	2.2KW	380V	RAP1280	R7,350.00
	EDH20-30	4KW	380V	RAP1281	R9,550.00


#### SELF PRIMING HIGH VOLUME CENTRIFUGAL PUMPS

	XHSM1500	1.1KW	220V	RAP145	R4,395.00
	XHS1500	1.1KW	380V	RAP143	R4,395.00
	XHSM2000	1.5KW	220V	RAP146	R4,950.00
	XHS2000	1.5KW	380V	RAP144	R4,950.00


## DOMESTIC PUMP SERIES

## POOL PUMPS


### GASOLINE WATERPUMPS

	LGP20-A	5.5HP	2" / 2"
	LGP30-A	6.5HP	3" / 3"
	LGP20-H	6.5HP	2" / 2"+ 1 1/2"(2)
	LGP20-2H	6.5HP	2" / 2"+ 1 1/2"(2)


### GASOLINE WATERPUMPS

	LGP20i-A	6.5HP	2" / 2"
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### DIESEL WATERPUMPS

	LDP30	5.5HP	3" / 3"
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### DIESEL WATERPUMPS (with Electric Start KEY)

	LDP20e-H	8.4HP	3" / 3"
	LDP20e-2H	8.4HP	3" / 3"

### TOILET SHREDDERPUMP (with CARBON FILTER)


	WC-560A	600W	220V
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	XKP250E-2	250W	220V
	XKP300E-2	300W	220V
	XKP350E-2	350W	220V
	XKP450E-2	450W	220V
	XKP804E	800W	220V
	XKP804E	800W	380V
	XKP904E	900W	220V
	XKP1104E	1100W	220V
	XKP1104E	1100W	380V
	XKP1604E	1600W	220V
	XKP1604E	1600W	380V
		XKP2204E	2200W
	XKP2204E	2200W	380V


### GARDEN SUBMERSIBLE PUMPS

	LKS-250P	250W	220V
	LKS-400P	400W	220V
	LKS-500P	500W	220V
	LKS-750P	750W	220V
	LKS-750PW	750W	220V
	LKS-1000PW	1000W	220V


### GARDEN SUBMERSIBLE PUMPS

	LKS-900S	900W	220V
	LKS-1100S	1100W	220V
	LKS-1300S	1300W	220V


**GARDEN SUBMERSIBLE PUMPS** (built-in Electronic Pressure Switch)

	LKS-902SE(-1)	900W	220V
	LKS-1102SE(-1)	1100W	220V


**SUBMERSIBLE FOUNTAIN PUMP**

	XKF - 15P	150W	220V
	XKF - 55P	550W	220V
	XKF - 95P	950W	220V

**DOMESTIC SUBMERSIBLE SEWAGE PUMPS**

	XSP8-7/0.18l	0.18KW	220V
	XSP9-7.5/0.25l	0.25KW	220V
	XSP12-8.5/0.45l	0.45KW	220V
	XSP18-12/0.75l	0.75KW	220V
	XSP18-12/0.75l	0.75KW	380V
	XSP18-12/075S	0.75KW	220V
	XSP20-9/1.1l	1.1KW	220V
	XSP42-17/2.2	2.2KW	220V


**DOMESTIC SUBMERSIBLE SEWAGE PUMPS WITH CUTTER**

	XSP14-7/1.1ID	1.1KW	220V
	XSP18-12/1.3ID	1.3KW	220V
	XSP26.4-10/1.8ID	1.8KW	220V
	XSP18-12/1.3ID	1.3KW	380V
	XSP26.4-10/1.8ID	1.8KW	380V

**HOT WATERCIRCULATION PUMPS**

	LRP15-60/130		220V
	LRP15-50/130		220V
	LRP20-40/130		220V
	LRP20-60/130		220V
	LRP25-40/180		220V
	LRP25-50/130		220V
	LRP25-50/180		220V
	LRP25-60/130		220V
	LRP25-60/180		220V
	LRP32-40/180		220V
	LRP32-50/180		220V
	LRP32-60/180		220V
	LRP40-80F/250		220V
	LRP15-90A-160		220V

**EVP VERTICAL MULTISTAGE PUMP ( PPO Impellers)**


	EVPm4-4	1KW	220V
	EVPm4-6	1.5KW	220V
	EVPm6H-4	1.5KW	220V
	EVPm6H-5	1.8KW	220V
	EVP4-4	1KW	380V
	EVP4-6	1.5KW	380V
	EVP6H-4	1.5KW	380V
	EVP6H-5	1.8KW	380V
	EVP6H-6	2.2KW	380V
	EVP6H-8	3KW	380V
	EVP6H-10	4KW	380V
	EVP10H-4	4KW	380V
	EVP10H-6	5.5KW	380V
	EVP10H-8	7.5KW	380V

## COMMERCIAL PUMP SERIES

### LVR VERTICAL MULTISTAGE PUMP (304 SS)

\*\*316 Stainless Available on Requestt

	LVR1-7	0.37KW	400V
	LVR1-11	0.55KW	400V
	LVR1-15	0.75KW	400V
	LVR1-17	1.1KW	400V
	LVR1-21	1.1KW	400V
	LVR1-23	1.1KW	400V
	LVR1-30	1.5KW	400V
	LVR1-33	2.2KW	400V
	LVR2-5	0.55KW	400V
	LVR2-7	0.75KW	400V
	LVR2-11	1.1KW	400V
	LVR2-15	1.5KW	400V
	LVR2-20	2.2KW	400V
	LVR3-7	0.55KW	400V
	LVR3-10	0.75KW	400V
	LVR3-15	1.1KW	400V
	LVR3-19	1.5KW	400V
	LVR3-29	2.2KW	400V
	LVR4-12	2.2KW	400V
	LVR4-16	3KW	400V
	LVR4-20 / 22	4KW	400V
	LVR5-5	0.75KW	400V
	LVR5-10	1.5KW	400V
	LVR5-16	2.2KW	400V
	LVR5-20	3KW	400V
	LVR5-26	4KW	400V
	LVR10-6	2.2KW	400V
	LVR10-9	3KW	400V
	LVR10-10	4KW	400V

	LVR10-12	4KW	400V
	LVR10-16	5.5KW	400V
	LVR10-20	7.5KW	400V
	LVR10-22	7.5KW	400V
	LVR15-3	3KW	400V
	LVR15-5	4KW	400V
	LVR15-7	5.5KW	400V
	LVR15-9	7.5KW	400V
	LVR15-10	11KW	400V
	LVR15-12	11KW	400V
	LVR15-17	15KW	400V
	LVR20-2	2.2KW	400V
	LVR20-3	4KW	400V
	LVR20-5	5.5KW	400V
	LVR20-7	7.5KW	400V
	LVR20-10	11KW	400V
	LVR20-14	15KW	400V
	LVR20-17	18.5KW	400V
	LVR32-4	7.5KW	400V
	LVR32-6	11KW	400V
	LVR32-8	15KW	400V
	LVR32-10	18.5KW	400V
	LVR32-14	30KW	400V
	LVR45-2	7.5KW	400V
	LVR45-3	11KW	400V
	LVR45-4	15KW	400V
	LVR45-5	18.5KW	400V
	LVR45-8	30KW	400V
	LVR45-9	37KW	400V
	LVR64-2-2	7.5KW	400V
LVR64-2	11KW	400V	
LVR64-4-2	18.5KW	400V	
LVR64-4	22KW	400V	
LVR64-6-2	30KW	400V	



LVR

LVS

	LVR90-2	15KW	400V
	LVR90-3	22KW	400V
	LVR90-4	30KW	400V
	LVR90-5	37KW	400V
	LVR90-6	45KW	400V

	XST65-200/150	15KW	400V
	XST65-200/185	18.5KW	400V
	XST65-200/220	22KW	400V
	XST80-160/110	11KW	400V
	XST80-160/185	18.5KW	400V
	XST80-200/220	22KW	400V
	XST80-200/300	30KW	400V
	XST80-250/370	37KW	400V

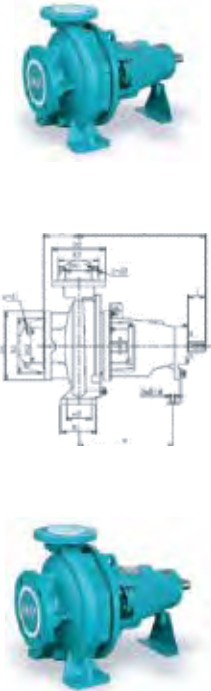
### XST MONOBLOCK CENTRIFUGAL PUMPS

 0.75KW – 3KW	XST32-160/22	2.2KW	400V
	XST32-160/30	3KW	400V
	XST32-200/30	3KW	400V
	XST32-200/40	4KW	400V
	XST32-250/55	5.5KW	400V
	XST32-250/75	7.5KW	400V
	XST40-125/11	1.1KW	400V
	XST40-125/15	1.5KW	400V
	XST40-125/22	2.2KW	400V
	XST40-160/30	3KW	400V
 4KW – 7.5KW	XST40-160/40	4KW	400V
	XST40-200/55	5.5KW	400V
	XST40-200/75	7.5KW	400V
	XST40-250/92	9.2KW	400V
	XST40-250/110	11KW	400V
	XST50-125/22	2.2KW	400V
	XST50-160/55	5.5KW	400V
	XST50-160/75	7.5KW	400V
	XST50-200/110	11KW	400V
	XST50-250/150	15KW	400V
 9.2KW – 55KW	XST50-250/185	18.5KW	400V
	XST50-250/220	22KW	400V
	XST65-125/40	4KW	400V
	XST65-125/55	5.5KW	400V
	XST65-125/75	7.5KW	400V
	XST65-160/11	11KW	400V


### XZS STAINLESS STEEL MONOBLOCK CENTRIFUGAL PUMPS

 1.1KW – 7.5KW	XZS50-32-160/22	2.2KW	380V
	XZS50-32-200/30	3KW	380V
	XZS50-32-200/40	4KW	380V
	XZS65-40-200/55	5.5KW	380V
	XZS65-40-200/75	7.5KW	380V
	XZS65-50-125/15	1.5KW	380V
	XZS65-50-125/22	2.2KW	380V
	XZS65-50-160/30	3KW	380V
	XZS65-50-160/40	4KW	380V
	XZS80-65-125/30	3KW	380V
 9.2KW – 22KW	XZS80-65-125/40	4KW	380V
	XZS80-65-160/55	5.5KW	380V
	XZS80-65-160/75	7.5KW	380V
	XZS100-80-125/40	4KW	380V
	XZS100-80-125/55	5.5KW	380V
	XZS100-80-125/75	7.5KW	380V
	XZS100-80-160/92	9.2KW	380V
	XZS100-80-160/110	11KW	380V

**END SUCTION BARE SHAFT PUMP (50Hz / 60Hz) –  
PUMP ONLY**

	LEP40-32-260	40 x 32	25
	LEP50-32-200	50 x 32	25
	LEP50-32-260	50 x 32	25
	LEP65-40-160	65 x 40	25
	LEP65-40-200	65 x 40	25
	LEP65-40-260	65 x 40	25
	EP65-50-160	65 x 50	25
	LEP65-50-200	65 x 50	25
	LEP65-50-260	65 x 50	25
	LEP80-65-160	80 x 65	25
	LEP80-65-200	80 x 65	25
	LEP80-65-260	80 x 65	35
	LEP100-80-160	100 x 80	25
	LEP100-80-200	100 x 80	35
	LEP100-80-260	100 x 80	35
	LEP100-80-400	100 x 80	45
	LEP125-100-200	125 x 100	35
	LEP125-100-260	125 x 100	35
	LEP125-100-400	125 x 100	45
	LEP150-125-200	150 x 125	35
LEP150-125-400	150 x 125	45	
LEP200-150-400	200 x 150	45	

**END SUCTION BARE SHAFT PUMP (50Hz / 60Hz) –  
PUMPS ONLY**

	LEN125-80-200	125 x 80	5.5KW
	LEN125-80-250	125 x 80	11KW
	LEN125-80-315	125 x 80	22KW
	LEN125-100-315	125 x 100	30KW

**ROVATTI PTO PUMPS  
(Max Discount=20%)**

	TO-50
	TO-50A
	TOF-50
	TOF-50A
	T1-100
	T1-40
	T1-50
	T1-65A
	T1-80
	T2-150
	T2-40
	T2-50
	T2-65
	T2-80
	T2-85
	T3-100A
	T3-110
	T3-80A
	T4-100
	T4-110
MBN-20	
S1K50-3	
PAM UNIT	
TRAILORUNIT	

## COMMERCIAL SUBMERSIBLE SEWAGE PUMPS

	50SWE <sub>m</sub> 8-16-1.1	1.1KW	220V
	50SWE8-16-1.1	1.1KW	380V
	50SWE <sub>m</sub> 8-20-1.5	1.5KW	220V
	50SWE8-20-1.5	1.5KW	380V
	50SWE <sub>m</sub> 15-20-2.2	2.2KW	220V
	50SWE15-20-2.2	2.2KW	380V
	65SWE <sub>m</sub> 15-10-1.1	1.1KW	220V
	65SWE <sub>m</sub> 15-15-1.5	1.5KW	220V
	80SWE <sub>40</sub> -9-2.2	2.2KW	380V
	80SWE <sub>40</sub> -13-3	3KW	380V
80SWE <sub>40</sub> -18-4	4KW	380V	
	50SWU <sub>m</sub> 9-6-0.37	0.37KW	220V
	50SWU <sub>m</sub> 13.2-4-0.37	0.37KW	220V
	50SWU <sub>m</sub> 12-8-0.75	0.75KW	220V
	50SWU12-8-0.75	0.75KW	380V
	50SWU <sub>m</sub> 15-5.5-0.75	0.75KW	220V
	50SWU15-5.5-0.75	0.75KW	380V
	65SWU <sub>24</sub> -12.5-2.2	2.2KW	220V
	65SWU <sub>24</sub> -12.5-2.2	2.2KW	380V
	80SWU <sub>30</sub> -4.5-1.5	1.5KW	220V
	80SWU <sub>30</sub> -4.5-1.5	1.5KW	380V
80SWU <sub>30</sub> -7-2.2	2.2KW	220V	
80SWU <sub>30</sub> -7-2.2	2.2KW	380V	

## COMMERCIAL SUBMERSIBLE SEWAGE PUMPS WITH GRINDER

	32SWP <sub>3.6</sub> -17-1.1/QG	1.1KW	220V
	32SWP <sub>3.6</sub> -17-1.1/QG	1.1KW	380V
	32SWP <sub>3.6</sub> -23-1.5/QG	1.5KW	220V
	32SWP <sub>3.6</sub> -23-1.5/QG	1.5KW	380V
	32SWP <sub>3.6</sub> -30-2.2/QG	2.2KW	220V
	32SWP <sub>3.6</sub> -30-2.2/QG	2.2KW	380V
	50SWP <sub>12</sub> -19-2.2/QG	2.2KW	380V
	50SWP <sub>12</sub> -22-3/QG	3KW	380V
	50SWP <sub>12</sub> -30-4/QG	4KW	380V

## INDUSTRIAL PUMP SERIES


### INDUSTRIAL SUBMERSIBLE SEWAGE PUMPS

	65WQ25-17-2.2	2.2KW	380V
	80WQ40-9-2.2	2.2KW	380V
	50WQ15-26-3	3KW	380V
	65WQ25-22-3	3KW	380V
	80WQ40-13-3	3KW	380V
	100WQ60-9-3	3KW	380V
	65WQ25-28-4	4KW	380V
	80WQ40-18-4	4KW	380V
	100WQ60-13-4	4KW	380V
	50WQ15-40-5.5	5.5KW	380V
	80WQ30-30-5.5	5.5KW	380V
	100WQ65-15-5.5	5.5KW	380V
	100WQ45-22-7.5	7.5KW	380V
	150WQ100-10-7.5	7.5KW	380V
	100WQ65-15-5.5/4P	5.5KW	380V
	150WQ110-10-5.5/4P	5.5KW	380V
	100WQ100-15-7.5/4P	7.5KW	380V
	150WQ150-10-7.5/4P	7.5KW	380V
	150WQ130-15-11/4P	11KW	380V
	100WQ100-30-15/4P	15KW	380V
200WQ300-12-15/4P	15KW	380V	
200WQ300-15-18.5/4P	18.5KW	380V	
200WQ300-18-22/4P	22KW	380V	
300WQ800-11-37/4P	37KW	380V	
200WQ300-30-45/4P	45KW	380V	


### KBZ INDUSTRIAL DEWATERING PUMP

	KBZ 21.5	1.5KW	400V
	KBZ 22.2	2.2KW	400V
	KBZ 23.7	3.7KW	400V
	KBZ 31.5	1.5KW	400V
	KBZ 32.2	2.2KW	400V
	KBZ 33.7	3.7KW	400V
	KBZ 35.5	5.5KW	400V
	KBZ 43.7	3.7KW	400V
	KBZ 45.5	5.5KW	400V
	KBZ 47.5	7.5KW	400V
	KBZ 411	11KW	400V
	KBZ 67.5	7.5KW	400V
	KBZ 611	11KW	400V
	KBZ415	15KW	400V
	KBZ615	15KW	400V
	KBZ 21.5	1.5KW	525V
	KBZ 22.2	2.2KW	525V
	KBZ 23.7	3.7KW	525V
	KBZ 31.5	1.5KW	525V
	KBZ 32.2	2.2KW	525V
KBZ 33.7	3.7KW	525V	
KBZ 35.5	5.5KW	525V	
KBZ 43.7	3.7KW	525V	
KBZ 45.5	5.5KW	525V	
KBZ 47.5	7.5KW	525V	
KBZ 411	11KW	525V	
KBZ 67.5	7.5KW	525V	
KBZ 611	11KW	525V	
KBZ415	15KW	525V	
KBZ615	15KW	525V	

### KBS INDUSTRIAL SLURRY PUMPS WITH AGITATOR

	80KBS 44	4KW	400V	RAP1553	R29,500.00
	100KBS 46	6KW	400V	RAP1554	R33,500.00
	150KBS 49	9KW	400V	RAP1555	R38,500.00
	80KBS 44	4KW	525V	RAP1556	R29,000.00
	100KBS 46	6KW	525V	RAP1557	R33,500.00
	150KBS 49	9KW	525V	RAP1558	R38,500.00

### INDUSTRIAL MINING DEWATERING SUBMERSIBLE PUMP


	SH422	22KW	380V	RAP1559	R86,000.00
	SH422	22KW	525V	RAP1560	R86,000.00
	SH430	30KW	380V	RAP1561	R130,000.00
	SH430	30KW	525V	RAP1562	R130,000.00
	SH630	30KW	380V	RAP1563	R155,750.00
	SH630	30KW	525V	RAP1564	R155,750.00
	SH637	37KW	380V	RAP1565	R163,275.00
	SH637	37KW	525V	RAP1566	R163,275.00
	SH645	45KW	380V	RAP1642	R218,120.00
	SH645	45KW	525V	RAP1643	R218,120.00

### DRAINAGE PUMP WITH AGITATOR

	FSM2.75F	0.75KW	220V	RAP1057	R3,950.00
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## SUBMERSIBLE BOREHOLERANGE

### 3" SUBMERSIBLE PUMP & MOTOR (Noryl PPO Only)


	3XRM1.8-15/0.37	0.37KW	15
	3XRM1.8-21/0.55	0.55KW	21
	3XRM1.8-27/0.75	0.75KW	27

### 4" SUBMERSIBLE PUMPS (Noryl PPO Only)

	4SR1/13	0.37KW	13
	4SR1/19	0.55KW	19
	4SR1/26	0.75KW	26
	4SR1/38	1.1KW	38
	4SR2/7	0.37KW	7
	4SR2/10	0.55KW	10
	4SR2/14	0.75KW	14
	4SR2/20	1.1KW	20
	4SR2/28	1.5KW	28
	4SR2/40	2.2KW	40
	4SR3/5	0.37KW	5
	4SR3/8	0.55KW	8
	4SR3/11	0.75KW	11
	4SR3/16	1.1KW	16
	4SR3/21	1.5KW	21
	4SR3/32	2.2KW	32
	4SR4/5	0.37KW	5
	4SR4/7	0.55KW	7
	4SR4/9	0.75KW	9
	4SR4/14	1.1KW	14
	4SR4/18	1.5KW	18
	4SR4/26	2.2KW	26
	4SR4/35	3KW	35
	4SR4/44	3.7KW	44
4SR4/48	4KW	48	

	4SR6/7	0.75KW	7
	4SR6/10	1.1KW	10
	4SR6/14	1.5KW	14
	4SR6/20	2.2KW	20
	4SR6/27	3KW	27
	4SR6/34	3.7KW	34
	4SR6/38	4KW	38
	4SR6/49	5.5KW	49
	4SR8/4	0.75KW	4
	4SR8/6	1.1KW	6
	4SR8/8	1.5KW	8
	4SR8/13	2.2KW	13
	4SR8/17	3KW	17
	4SR8/21	3.7KW	21
	4SR8/23	4KW	23
	4SR8/32	5.5KW	32
	4SR10/7	1.1KW	7
	4SR10/10	1.5KW	10
	4SR10/14	2.2KW	14
	4SR10/18	3KW	18
	4SR10/22	3.7KW	22
	4SR10/24	4KW	24
	4SR10/30	5.5KW	30
	4SR12/7	1.5KW	7
	4SR12/10	2.2KW	10
	4SR12/14	3KW	14
	4SR12/17	3.7KW	17
	4SR12/19	4KW	19
	4SR12/26	5.5KW	26
	4SR16/8	2.2KW	8
4SR16/11	3KW	11	
4SR16/13	3.7KW	13	
4SR16/15	4KW	15	
4SR16/20	5.5KW	20	


### OMEGA 4" OIL COOLED SUBMERSIBLE MOTOR

	0.37KW 220v	OMEGA
	0.37KW 380v	OMEGA
	0.55KW 220v	OMEGA
	0.55KW 380v	OMEGA
	0.75KW 220v	OMEGA
	0.75KW 380v	OMEGA
	1.1KW 220v	OMEGA
	1.1KW 380v	OMEGA
	1.5KW 220v	OMEGA
	1.5KW 380V	OMEGA
	2.2KW 220v	OMEGA
	2.2KW 380v	OMEGA
	3KW 380v	OMEGA
	4KW 380v	OMEGA
	5.5KW 380v	OMEGA
	7.5KW 380v	OMEGA

### OMEGA 4" OIL COOLED SUBMERSIBLE MOTOR (220V / 3PHASE)

	0.37KW 220v /3PH	OMEGA
	0.55KW 220v / 3PH	OMEGA
	0.75KW 220v / 3PH	OMEGA
	1.1KW 220v / 3PH	OMEGA
	1.5KW 220v / 3PH	OMEGA
	2.2KW 220v / 3PH	OMEGA

### 6" SUBMERSIBLE PUMPS (AISI 304 Stainless Steel)

	6XNS17-10 5.5	5,5KW	65mm
	6XNS17-13 7.5 A	7,5KW	65mm
	6XNS17-13 7.5-B	7,5KW	65mm
	6XNS17-20 11	11KW	65mm
	6XNS30-06 5.5	5,5KW	80mm
	6XNS30-08 7.5	7,5KW	80mm

	6XNS30-13 11	11KW	80mm
	6XNS30-17 15	15KW	80mm
	6XNS46-05 7.5	7.5KW	100mm
	6XNS46-07 11	11KW	100mm
	6XNS46-09 15	15KW	100mm
	6XNS46-11 18.5	18,5KW	100mm
	6XNS46-14 22	22KW	100mm
	6XNS46-18 30	30KW	100mm
	6XNS60-06 11	11KW	100mm
	6XNS60-08 15	15KW	100mm
	6XNS60-10 18.5	18,5KW	100mm
	6XNS60-12 22	22KW	100mm

6" – 10" Range will constantly be Growing & Expanding

### 6" SUBMERSIBLE WATERCOOLED MOTOR (380V - 415V)

	5.5KW 400V	OMEGA MOTOR
		LEO MOTOR
	7.5KW 400V	OMEGA MOTOR
		LEO MOTOR
	11KW 400V	OMEGA MOTOR
		LEO MOTOR
	15KW 400V	OMEGA MOTOR
		LEO MOTOR
	18.5KW 400V	OMEGA MOTOR
		LEO MOTOR
	22KW 400V	OMEGA MOTOR
		LEO MOTOR
30KW 400V	OMEGA MOTOR	
	LEO MOTOR	
37KW 400V	OMEGA MOTOR	
	LEO MOTOR	

# 4LPS Hybrid AC/DC

## Solar Submersible Pump Systems



### LEO :4" HYBRID SOLAR SUBMERSIBLE MOTOR (AC / DC Input)

4LPS Hybrid Motor	0.37KW – 2.2KW	RAP1365	R 14,800.00
CN200 Intelligent Controller	LEO	RAP1639	R 3,800.00
AC/DC Change Over	Custom Build	RAP	R 2,200.00
Stainless 304SS Level Probe	± 1 Probe + 5m Cable	RAP	R 780.00

- Can be powered from the mains and/ or power generators, guaranteeing operation day or night.
- Patented technology.
- Two years warranty

### Suitable for a wide range of power supply

- Solar PV generators
- Wind driven generators
- Electrical Mains supply
- Storage batteries
- Diesel Generators (Genset)

### Supply voltage

Flexibility with regards to power supply and power range, the motor can be supplied with either DC or AC voltage:

- AC voltage range: 1 x 60 - 300 VAC, 50-60Hz
- DC voltage range: 60 - 400VDC
- Open circuit voltage: 60-440VOC
- Output power range: 0.37 - 3.0Kw for DC
- Output power range: 0.37 - 2.2Kw for AC



Top chock



Impeller and Diffuser



High-strength thrust bearing



Permanent magnet

### Motor

- Made of 100% stainless steel AISI 304
- Double outer and inner shielding structure
- Internal coil made from high-temperature tolerant, copper wire
- Efficiently protecting the motor under high-temperature environment
- Extended motor's service lifetime.
- Water - filling lubricated rotor with top and bottom graphite-made bearing and thrust bearing made with high precision
- Co-axial rotation efficiently reduces motor's vibration and noise and extend its service lifetime.
- Built-in, integrated Variable Frequency Converter with intelligent-speed control algorithm with a maximum speed 6000 RPM.

### Built-in Intelligent controller

The intelligent controller designed for 4SP(S) pump, offers high flexibility towards power supply source and range.

- Can be powered with either DC or AC voltage
- MPPT & DSP technology
- Intelligent parameter detection
- Soft start running
- Long system's lifetime.

### Main protection functions


- Dry-running protection
- Over-current protection
- Over-voltage protection
- Overload protection
- Phase loss protection



## ACCESSORIES

	PS-02C PRESSURE SWITCH	0-6 BAR
	PG-SS40R- Gauge	0-6 BAR
	TFG 6 – Flex Hose 600MM	
	TFG 6 - Flex Hose 800MM	
	TFG 6 - Flex Hose 1000MM	
	FLO-01 Float Switch SWITCH	
	3WAY CONNECTOR	
5WAY CONNECTOR		
G1-25mm UNION		
MX-1 SPLICING KIT		


### HORIZONTAL PRESSURE TANKS

	24L HORIZONTAL TANK	
	60L HORIZONTAL TANK	
	100L HORIZONTAL TANK	


### VERTICAL PRESSURE TANKS

	2L VERTICAL TANK	
	8L VERTICAL TANK	
	24L VERTICAL TANK	
	60L VERTICAL TANK	
	100L VERTICAL TANK	
200L VERTICAL TANK		

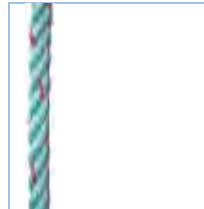
### HORIZONTAL MEMBRANE PRESSURE TANKS

	24L HORIZONTAL TANK	24LH
	60L HORIZONTAL TANK	60LH
	100L HORIZONTAL TANK	100LH


### VERTICAL MEMBRANE PRESSURE TANKS

	8L VERTICAL TANK	8LV
	19L VERTICAL TANK	19LV
	24L VERTICAL TANK	24LV
	60L VERTICAL TANK	60LV
	100L VERTICAL TANK	100LX
	150L VERTICAL TANK	150LX

### ROPE


	Pollysteel	770KG	6mm
	Pollysteel	1360KG	8mm
	Pollysteel	2100KG	10mm
	0.5Ton Shackle	500KG	

### BASE PLATE


	STD 6" Base	150(OD) x 32mm(ID)
	HEAVY Base	150x150 x 40mm(ID)
	HEAVY Base	150x150 x 50mm(ID)
	HEAVY Base	150x150 x 65mm(ID)
	HEAVY Base	150x150 x 80mm(ID)
	HEAVY Base	200x200 x 100mm(ID)

## ELECTRONICS, CABLE & PANEL ENCLOSURES


### STANDARD DOL Starters with Overload Only (IP25)

	PS-04B Automatic Pump Controller	11.5A	1"/1"
	DSK9.1 Automatic Pump Controller	32A	1 1/4"/1 1/4"


### STANDARD DOL Starters with Overload Only (IP25)

	TK1 Switchmatic Controller	16A	1"/1"(x2)
	TK2 Switchmatic Controller(Incl. Ammeter)	16A	1"/1"(x2)

### ITALTECNICA IN-LINE VSD DRIVES

	SR23251-MM-00	220V (9.7A)	3PH Output
	SR2.251-MM-0	220V (14A)	1PH Output


### STANDARD DOL Starters with Overload Only (IP25)

	0.37KW – 2.2KW	1A – 6A	115 x 250 x 145
	4 – 7.5KW	8A – 18A	115 x 250 x 145


### STD BOREHOLE PUMP CONTROL BOX with Overload Only (IP55)

	OMEGA_STD Control Box	AC220V 0.37-2.2KW
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### DIGITAL PUMP CONTROL BOX with built in MotoRProtection (IP55)

	MP-S1 OMEGA Control Box	AC220V 0.37-2.2KW
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### INTELLIGENT PUMP CONTROL BOX (IP25)

	PCB M8	0.37-2.2KW	220V
	PCB M531A	0.37-2.2KW	380V
	PCB M531B	3-4KW	380V
	PCB M531C	5.5-7.5KW	380V

### INTELLIGENT PUMP CONTROL BOX (IP25)

	K531-11	11KW	380V
	K531-15	15KW	380V
	K531-18.5	18.5KW	380V
	K531-22	22KW	380V
	K531-30	30KW	380V
	K531-37	37KW	380V

### INTELLIGENT PUMP CONTROL BOX with built in timer(IP55)


	M921	0.37-2.2KW	220V
	M931_A	0.37-2.2KW	380V
	M931_B	3 - 4KW	380V
	M931_C	5.5 - 7KW	380V

## STANDARD MILD STEEL ENCLOSURES – excl. Drives


	PowerRating	Amps	Dimensions (cm)
	STD DC Panel	10A	40x50x32
	AC/DC Panel	10A	40x50x32
	0.37KW – 2.2KW	5A	40x50x32
	3KW – 5.5KW	13A	40x60x32
	7.5KW	17A	40x60x32
	11KW	25A	40x60x32
	15KW	33A	60x80x32
	18.5KW	39A	80x100x32
	22KW	45A	80x100x32
	30KW	60A	80x120x32
	37KW	75A	80x120x32
	45KW	91A	80x120x32
	55KW	112A	80x120x32

## STAR/ DELTA STARTER


(IP55 Enclosure/ Isolator/ Ammeter/ 400 V Coil)

	SD-4T040 – 075	380V	4 – 7.5KW
	SD-4T0110	380V	11KW
	SD-4T0150	380V	15KW
	SD-4T0185	380V	18.5KW
	SD-4T0220	380V	22KW
	SD-4T0300	380V	30KW
	SD-4T0370	380V	37KW
	SD-4T0450	380V	45KW
	SD-4T0550	380V	55KW
	SD-4T0750	380V	75KW


## ENC VARIABLE SPEED DRIVES – AC Application

	EN600-2s0007	4A	0.75KW	220V
	EN600-2s0015	7A	1.5KW	220V
	EN600-2s0022	10A	2.2KW	220V
	EN600-2s0037	15A	3.7KW	220V
	EN600-4T0007	2.3A	0.75KW	380V
	EN600-4T0015	3.7A	1.5KW	380V
	EN600-4T0022	5A	2.2KW	380V
	EN600-4T0037	8.5A	3.7KW	380V
	EN600-4T0055	13A	5.5KW	380V
	EN600-4T0075	17A	7.5KW	380V
	EN600-4T0110	25A	11KW	380V
	EN600-4T0150	33A	15KW	380V
	EN600-4T0185	39A	18.5KW	380V
	EN600-4T0220	45A	22KW	380V
	EN600-4T0300	60A	30KW	380V
	EN600-4T0370	75A	37KW	380V
	EN600-4T0450	91A	45KW	380V
	EN600-4T0550	112A	55KW	380V
	EN600-4T0750	150A	75KW	380V
	External PotentiometerDial Only			
EN600- PoteniometerScreen				
EN600Replacment LCD Screen				
EN600 – DooRExtension Pack				
EN600 – Pump Control (4 x 1VSD)				
PROFIBUS Expansion_15KW				
PROFIBUS Expansion_18.5KW				

### INVERTEK VARIABLE SPEED DRIVES – DC Application

	ODP2-075-1KF4	4.3A	0.75KW	220V
	ODP2-150-1KF4	7A	1.5KW	220V
	ODP2-220-1KF4	10.5A	2.2KW	220V
	ODP2-150-3KF4	380V	1.5KW	4.1A
	ODP2-220-3KF4	380V	2.2KW	5.8A
	ODP2-400-3KF4	380V	4KW	9.5A
	ODP34055-3KF4	380V	5.5KW	14A
	ODP34075-3KF4	380V	7.5KW	18A
	ODP34110-3KF4	380V	11KW	24A
	ODP44150-3KF4	380V	15KW	30A
	ODP44185-3KF4	380V	18.5KW	39A
	ODP44220-3KF4	380V	22KW	46A
	ODP54330-3KF4	380V	30KW	61A
	ODP54370-3KF4	380V	37KW	72A
Add-On's	Bluetooth Dongle	Wireless Comms Unit		
Add-On's	DC SURGE Arrestor	1000VDC / 3P / 10KA		

### LINE FILTERS / OUTPUT CHOKE

	1– 16 Amps	220V
	1 – 16 Amps	380V
	17 – 30 Amps	380V
	31 – 45 Amps	380V
	46 – 54 Amps	380V
	55 – 70 Amps	380V
	71 – 105 Amps	380V

### SENSORY EQUIPMENT

PID_10/2	0-10BAR Pressure Transducer_1/4" Male	8-36V	0-10V / 4-20mA
SCR_5M	5m Screen Cable		
SCR_10M	5m Screen Cable		

FLO_40/25mm	Pulse Flow Meter_ Threaded	25mm
FLO_40/50mm	Pulse Flow Meter_ Flandged	50mm
DIG_4-20mA	Digital Display Meter	

## ELECTRICAL CABLE

Product Type	Cable Diameter	Nominal Stranding	Volt Drop (MV/A/M)	Length (m)
Submersible Cable	1.5mm	3 core	26.00	1
Submersible Cable	1.5mm	4 core	26.00	1
Submersible Cable	2.5mm	3 core	16.00	1
Submersible Cable	2.5mm	4 core	16.00	1
Submersible Cable	4mm	3 core	10.00	1
Submersible Cable	4mm	4 core	10.00	1
Submersible Cable	6mm	3 core	6.40	1
Submersible Cable	6mm	4 core	6.40	1
Submersible Cable	10mm	3 core	3.80	1
Submersible Cable	10mm	4 core	3.80	1
Cabtyre_ND	1.50mm	3core	27.00	1
Cabtyre_ND	1.50mm	4core	27.00	1
Cabtyre_ND	2.50mm	3core	16.00	1
Single Flex	2.50mm	46wx0.25	18.00	1
Single Flex	4.00mm	52wx0.3	11.00	1
Single Flex	6.00mm	84wx0.3	7.30	1
PV SolarFlex	4.00mm	1800VDC	5.09	1
PV SolarFlex	6.00mm	1800VDC	3.39	1
MC4 Clip (M/F)	6.00mm	ACCESSORY	32A max	1
MC4 CombineRClips	6.00mm	ACCESSORY	32A max	1
Submersible Cable	1.5mm	3 core	26.00	500
Submersible Cable	1.5mm	4 core	26.00	500
Submersible Cable	2.5mm	3 core	16.00	500
Submersible Cable	2.5mm	4 core	16.00	500
Submersible Cable	4mm	3 core	10.00	500
Submersible Cable	4mm	4 core	10.00	500
Submersible Cable	6mm	3 core	6.40	500
Submersible Cable	6mm	4 core	6.40	500
Submersible Cable	10mm	3 core	3.80	500
Submersible Cable	10mm	4 core	3.80	500
Cabtyre_ND	1.50mm	3core	27.00	100
Cabtyre_ND	1.50mm	4core	27.00	100
Cabtyre_ND	2.50mm	3core	16.00	100
Single Flex	2.50mm	46w x 0.25	18.00	100
Single Flex	4.00mm	52w x 0.3	11.00	100
Single Flex	6.00mm	84w x 0.3	7.30	100
PV SolarFlex	4.00mm	5.5mm OD	5.09	100
PV SolarFlex	6.00mm	6.3mm OD	3.39	100
MC4 Clip (M/F)	6.00mm	ACCESSORY	N/A	100
MC4 CombineRClips	6.00mm	ACCESSORY	N/A	100

## SQUIRREL CAGE INDUCTION MOTORS

230V/400V oR400V/525V oR400V/690V, 50HZ

### 0.37KW

POLE	RPM	SHAFT (mm)	IE2 Motors		IE3 Motors	
			PADFOOT	FLANGED	PADFOOT	FLANGE
2	2780	14	R1 766.15	R1 949.23	R1 766.15	R1 949.23
4	1390	14	R1 927.69	R2 121.54	R1 927.69	R2 121.54
6	910	19	R2 132.31	R2 347.69	R2 132.31	R2 347.69
8	690	24	R2 800.00	R3 080.00	R2 800.00	R3 080.00

### 0.55KW

POLE	RPM	SHAFT (mm)	IE2 Motors		IE3 Motors	
			PADFOOT	FLANGED	PADFOOT	FLANGE
2	2780	14	R1 895.38	R2 078.46	R1 895.38	R2 078.46
4	1390	19	R2 003.08	R2 207.69	R2 003.08	R2 207.69
6	910	19	R2 369.23	R2 606.15	R2 369.23	R2 606.15
8	690	24	R3 123.08	R3 435.38	R3 123.08	R3 435.38

### 0.75KW

POLE	RPM	SHAFT (mm)	IE2 Motors		IE3 Motors	
			PADFOOT	FLANGED	PADFOOT	FLANGE
2	2780	19	R2 196.92	R2 412.31	R2 907.69	R3 661.54
4	1390	19	R2 250.77	R2 481.23	R3 661.54	R3 876.92
6	910	24	R2 800.00	R3 080.00	R4 092.31	R4 523.08
8	690	28	R4 092.31	R4 501.54	R-	R-

### 1.1KW

POLE	RPM	SHAFT (mm)	IE2 Motors		IE3 Motors	
			PADFOOT	FLANGED	PADFOOT	FLANGE
2	2780	19	R2 283.08	R2 509.23	R3 123.08	R3 876.92
4	1390	24	R2 584.62	R2 843.08	R4 307.69	R4 523.08
6	910	24	R3 661.54	R4 027.69	R4 846.15	R5 600.00
8	690	28	R4 953.85	R5 449.23	R-	R-

### 1.5KW

POLE	RPM	SHAFT (mm)	IE2 Motors		IE3 Motors	
			PADFOOT	FLANGED	PADFOOT	FLANGE
2	2780	24	R2 638.46	R2 896.92	R4 092.31	R4 307.69
4	1390	24	R3 015.38	R3 316.92	R4 953.85	R5 169.23
6	910	28	R3 769.23	R4 146.15	R6 246.15	R6 246.15
8	690	28	R5 384.62	R5 923.08	R-	R-

### 2.2KW

POLE	RPM	SHAFT (mm)	IE2 Motors		IE3 Motors	
			PADFOOT	FLANGED	PADFOOT	FLANGE
2	2780	24	R3 015.38	R3 316.92	R4 738.46	R4 953.85
4	1390	28	R3 876.92	R4 264.62	R6 892.31	R6 892.31
6	910	28	R4 953.85	R5 449.23	R7 538.46	R7 107.69
8	690	38	R7 323.08	R8 055.38	R-	R-

### 3KW

POLE	RPM	SHAFT (mm)
2	2780	28
4	1390	28
6	910	38
8	690	38

### 9.2KW

POLE	RPM	SHAFT (mm)
2	2780	38
4	1390	38

### 4KW

POLE	RPM	SHAFT (mm)
2	2780	28
4	1390	28
6	910	38
8	690	42

### 11KW

POLE	RPM	SHAFT (mm)
2	2780	42
4	1390	42
6	910	42
8	690	48

### 5.5KW

POLE	RPM	SHAFT (mm)
2	2780	38
4	1390	38
6	910	38
8	690	42

### 15KW

POLE	RPM	SHAFT (mm)
2	2780	42
4	1390	42
6	910	48
8	690	55

### 7.5KW

POLE	RPM	SHAFT (mm)
2	2780	38
4	1390	38
6	910	42
8	690	42

### 18.5KW – IE3 only built onRequest

POLE	RPM	SHAFT Diam.(mm)
2	2930	42
4	1470	48
6	980	55
8	740	60

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22KW

POLE	RPM	SHAFT Diam.(mm)
2	2950	48
4	1465	48
6	975	55
8	735	60

55KW

POLE	RPM	SHAFT Diam.(mm)
2	2965	60
4	1475	70
6	985	80
8	735	80

30KW

POLE	RPM	SHAFT Diam.(mm)
2	2950	55
4	1480	55
6	985	60
8	730	70

75KW

POLE	RPM	SHAFT Diam.(mm)
2	2965	60
4	1475	70
6	985	80
8	730	85

37KW

POLE	RPM	SHAFT Diam.(mm)
2	2955	55
4	1485	60
6	980	70
8	735	70

90KW

POLE	RPM	SHAFT Diam.(mm)
2	2970	65
4	1485	80
6	985	85
8	730	85

45KW

POLE	RPM	SHAFT Diam.(mm)
2	2960	55
4	1480	60
6	975	70
8	730	80

110KW

POLE	RPM	SHAFT Diam.(mm)
2	2975	65
4	1485	80
6	985	85
8	735	85



# PUMPS & SEALS

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