

A dynamic background image showing a large splash of clear blue water against a white background. The water is captured in mid-air, creating a sense of movement and freshness. The splash originates from the right side and spreads across the bottom of the frame.

PUMPS ET SOLUTIONS

TESK

ashirvad
by allaxis


JOHNTECH
PUMPS

AMANDA
PUMPS

Product Brochure

Important information:

This document should be read in conjunction with the technical manual from the suppliers. The contents of this document remains the property of Tesk SA (Pty) Ltd and may not be distributed without the explicit written consent of Management.



About Us

Testk South Africa is the manufacturer and supplier of quality water pumps to Africa. We provide excellent quality solutions and personalized service. Our range extends from surface pumps to borehole/submersible pumps to solutions for large civil water projects using state-of-the-art vertical turbine pumps.

Our Mission

To import and produce high quality products and ensure our customers receive great value for money. To provide service excellence with every transaction - before, during and after sales.

Our Vision

To be the market leader in Africa in the water supply and liquid-moving industries. To provide sustainable product solutions through innovation.



1. Submersible Pumps: 4”	6 - 7
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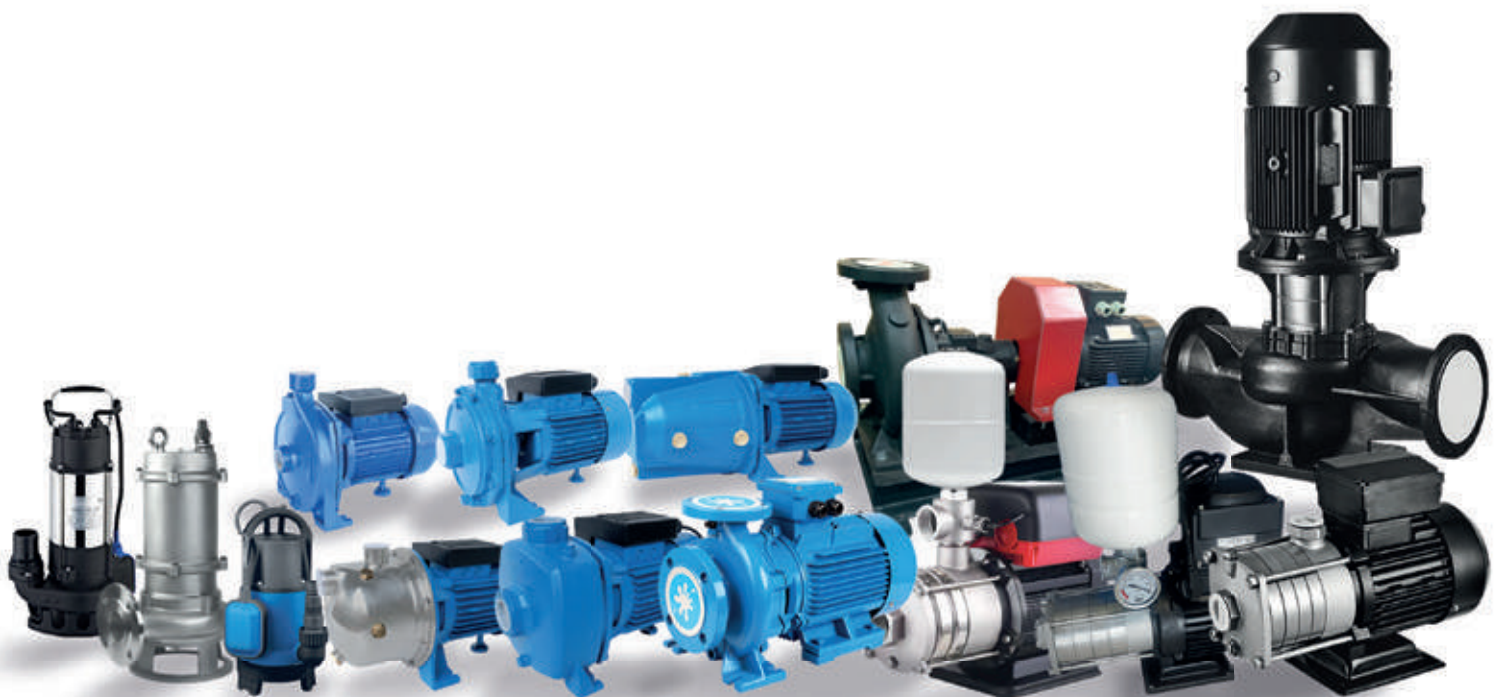


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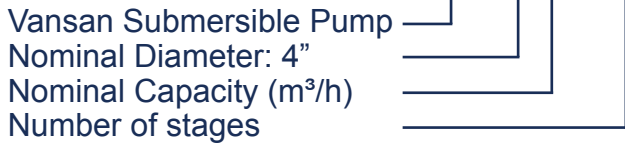




4" Submersible Pumps

Power Range: 0.37 - 7.5kW
Nominal flow rate: 1 - 16m³/h
Maximum Head: 353m
Outlet diameters: 1 1/4", 1 1/2", 2" (32, 40, 50mm)
Impeller Material: Noryl

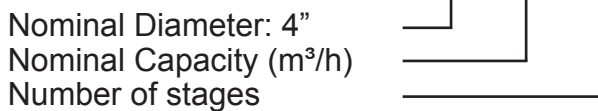
VSP 401 - 19



4" Submersible Pumps

Power Range: 0.37 - 7.5kW
Nominal flow rate: 2 - 12m³/h
Maximum Head: 454m
Outlet diameters: 1 1/4", 1 1/2", 2" (32, 40, 50mm)
Impeller Material: POM / PP

4SD 04 / 12





4" Submersible Motors

Oil-filled Motors

Power Range: 0.37 - 2.2kW (230V single phase)
0.37 - 7.5kW (400V three phase)
Max. installation depth: 100m
Speed: 2900rpm
Frequency: 50Hz
Motor bracket: 304 Stainless Steel
Mechanical seal: Graphite-silicon Carbide

*NEMA standard flange connector

Water-filled Motors

Power Range: 0.37 - 2.2kW (230V single phase)
0.37 - 7.5kW (400V three phase)
Max. installation depth: 300m
Speed: 2900rpm
Frequency: 50Hz
Motor bracket: 304 Stainless Steel
Mounting: Vertical

*NEMA standard flange connector



4" Submersible Motors - PM

Oil-filled motors

Power Range: 0.37 - 2.2kW (230V single phase)
0.37 - 2.2kW (230V three phase)
(Solar Vansan Motors)
0.37 - 7.5kW (400V three phase)
Max. installation depth: 200m
Speed: 2900rpm
Frequency: 50Hz
Motor bracket: 304 Stainless Steel
Mechanical seal: Graphite / Ceramic

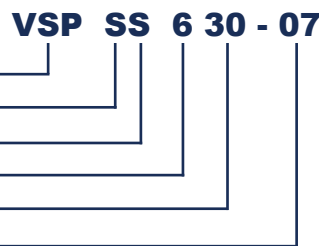
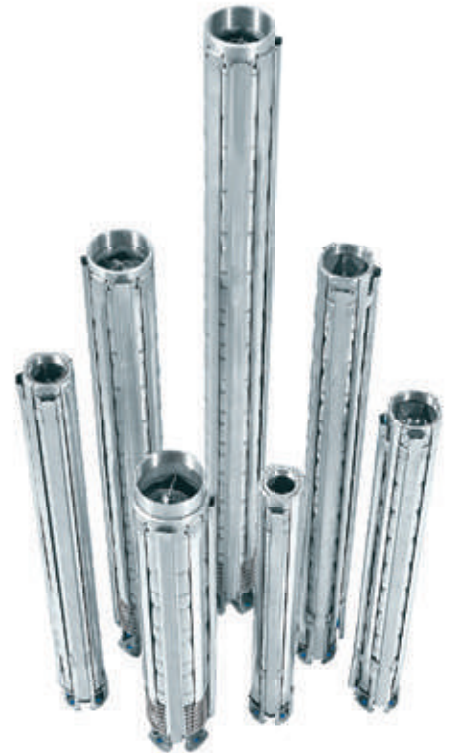
*NEMA standard flange connector





6" Submersible Pumps

Power Range: 0.55 - 45kW
Nominal Diameter: 6" (144mm)
Nominal flow rate: 10 - 72m³/h
Maximum Head: 491m
Outlet diameters: 2½" - 4" (65 - 100mm)
Impeller Material: Stainless steel



Vansan Submersible Pump
 Diffuser material (S: Stainless steel)
 Impeller material (S: Stainless steel)
 Nominal diameter in inches
 Nominal capacity in m³/h
 Number of stages



6" Submersible Motors

Water-filled motors

Power Range: 5.5 - 45kW
 (400V three phase)
 5.5 - 45kW
 (525V three phase)
Nominal Diameter: 6"
External Material: Cast Iron /
 Stainless Steel
Max. immersion depth: 350m



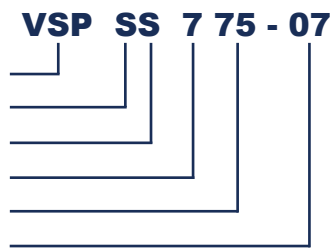
Submersible Pumps - 7"



7" Submersible Pumps

Power Range: 4 - 110kW
Nominal Diameter: 7" (172mm)
Nominal flow rate: 20 - 125m³/h
Maximum Head: 550m
Outlet diameters: 5" (127mm)
Impeller Material: Stainless steel

Vansan Submersible Pump
Diffuser material (S: Stainless steel)
Impeller material (S: Stainless steel)
Nominal diameter in inches
Nominal capacity in m³/h
Number of stages



Submersible Motors - 7"



7" Submersible Motors

Water-filled motors

Power Range: 37 - 55kW (400V three phase)
Nominal Diameter: 7"
External Material: Stainless Steel
Max. immersion depth: 350m

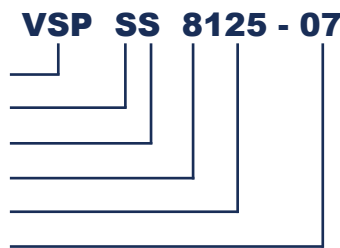




8" Submersible Pumps

Power Range: 7.5 - 185kW
Nominal Diameter: 8" (213mm)
Nominal flow rate: 25 - 200m³/h
Maximum Head: 549m
Outlet diameters: 6" (152mm)
Impeller Material: Stainless steel

Vansan Submersible Pump
 Diffuser material (S: Stainless steel)
 Impeller material (S: Stainless steel)
 Nominal diameter in inches
 Nominal capacity in m³/h
 Number of stages



8" Submersible Motors

Water-filled motors

Power Range: 45 - 110kW (400V three phase)
 45 - 110kW (525V three phase)
Nominal Diameter: 8"
External Material: Stainless Steel
Max. immersion depth: 350m



Sectors:

Mining
 Water supply
 Dewatering

Industrial
 Water supply
 Pressure boosting
 Fire fighting
 Oil & Gas industries
 Food industries

Residential
 Domestic supply
 Irrigation
 Fountains
 Golf course irrigation

Renewable Energy
 Rural water supply
 Irrigation

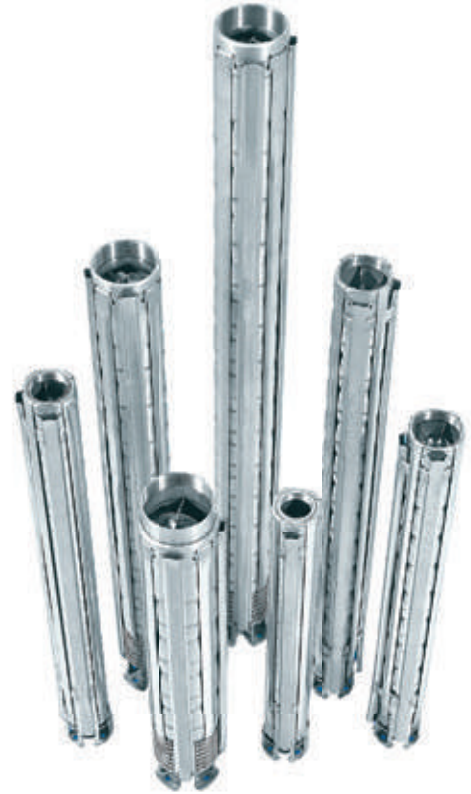
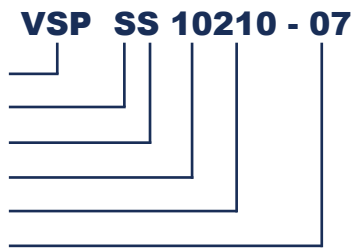
Agriculture
 Irrigation
 Sprinkler systems



10" Submersible Pumps

Power Range: 15 - 220kW
Nominal Diameter: 10" (247mm)
Nominal flow rate: 100 - 290m³/h
Maximum Head: 463m
Outlet diameters: 6" (152mm)
Impeller Material: Stainless steel

Vansan Submersible Pump
 Diffuser material (S: Stainless steel)
 Impeller material (S: Stainless steel)
 Nominal diameter in inches
 Nominal capacity in m³/h
 Number of stages



10" Submersible Motors

Water-filled motors

Power Range: 130 - 205kW (400V three phase)
 130 - 220kW (525V three phase)
Nominal Diameter: 10"
External Material: Stainless Steel
Max. immersion depth: 350m





Application

- Pumping Clean water with sand content less than 150g/m³.
- For well pumping, river pumping, farm irrigation, water supply.

Motor and Pump

- 2 pole induction motor
- Single-phase: 220V 50Hz
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8

Operating Conditions

- Submersible Depth: 100m
- Liquid temperature up to + 40 Degree
- Ambient temperature up to + 40 Degree
- Minimum well diameter: 3.5"

Material

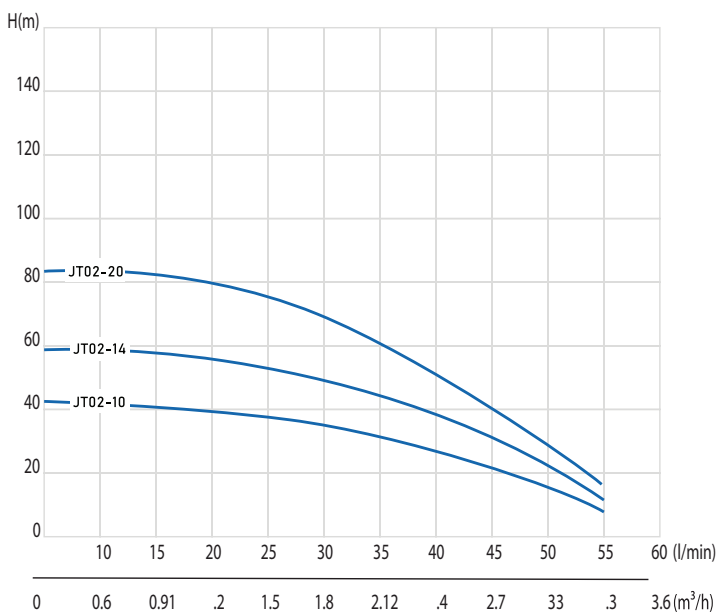
- Pump Body: Stainless steel
- Motor Bracket: Stainless Steel
- Pump Shaft & motor shaft: Stainless steel.
- Mechanical Seal: Graphite-Silicon carbide.
- Impeller: POM
- Coupling and outlet: Brass

Included in the pack:

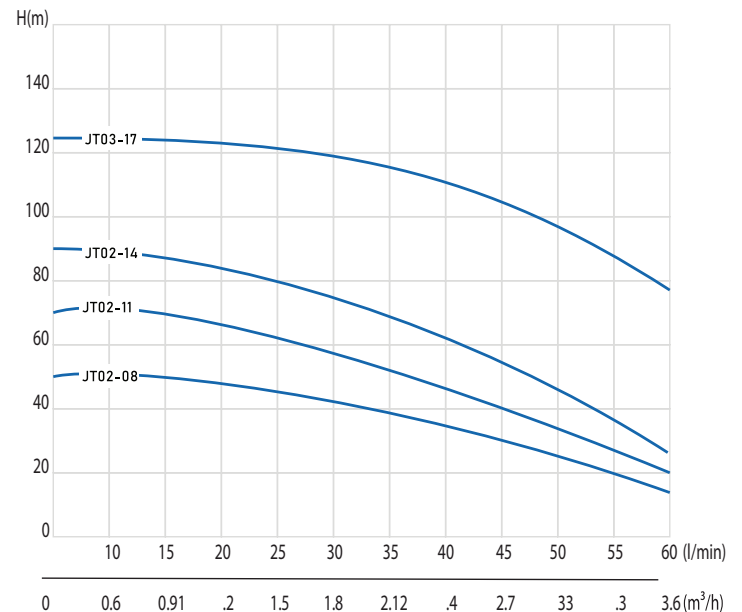
Pump, Oil Filled Motor, Control Box, 1 x Base plate, 3 x Compression Fittings, Rope, Submersible cable



3" Performance Curves



4" Performance Curves



Application

- Pumping Clean water with sand content less than 150g/m³.
- For well pumping, river pumping, farm irrigation, water supply.

Motor and Pump

- 2 pole induction motor
- Single-phase: 220V 50Hz
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8

Operating Conditions

- Submersible Depth: 100m
- Liquid temperature up to 40 Degree
- Ambient temperature up to 40 Degree
- Minimum well diameter: 3.5"

Material

- Pump Body: Stainless steel
- Motor Bracket: Stainless Steel
- Pump Shaft & motor shaft: Stainless steel.
- Mechanical Seal: Graphite-Silicon carbide.
- Impeller: POM
- Coupling and outlet: Brass

Included in the set:

Pump, Oil Filled Motor, Control Box, Submersible cable



3" Sets

	<u>Pump</u>	<u>Cable</u>	<u>Power Range</u>
3" Set 1	3SGM2-10	40m	0.25kW
3" Set 2	3SGM2-14	50m	0.37kW
3" Set 3	3SGM2-20	60m	0.55kW
3" Set 4	3SGM2-27	70m	0.75kW

4" Sets

	<u>Pump</u>	<u>Cable</u>	<u>Power Range</u>
4" Set 1	4SGM2-8	50m	0.37kW
4" Set 2	4SGM2-10	60m	0.55kW
4" Set 3	4SGM2-14	70m	0.75kW
4" Set 4	4SGM3-17	80m	1.1kW



SVM-Range

Power Range: 0.37 - 2.2kW
(230V single phase)
0.37 - 110kW
(400V three phase)

Rated Flow: 1 - 200 m³/h

Max Head: 305m

DN Flanges: 25 - 150mm

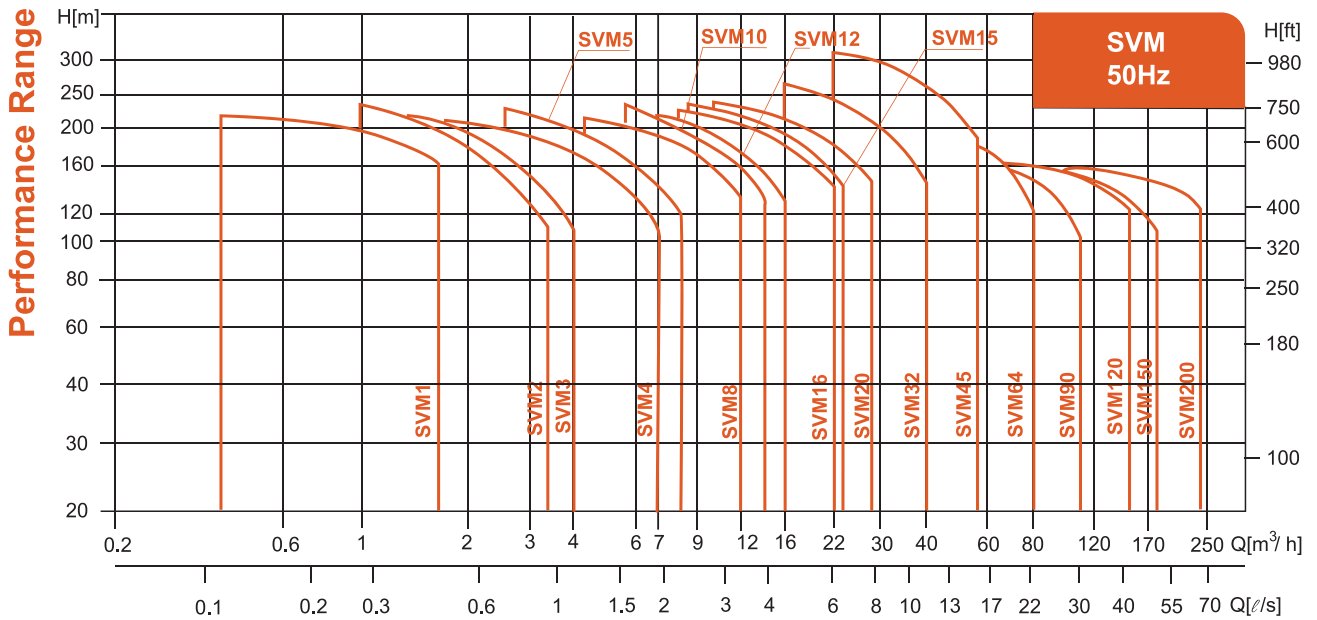
Max Pressure: 24bar

Temperature Range: +15°C - +70°C
+15°C - +105°C
(Hot water type)



SVM 8 - 200

Vertical Multistage
Centrifugal Pump
Rated Flow (m³/h)
Number of impellers x10



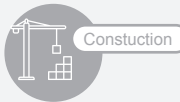
Sectors:



Water supply
High pressure



Water supply
Pressure boosting
Fire fighting
Water treatment plants
Food processing



Landscaping
High pressure



Irrigation
Sprinkler systems



SHM-Range

Power Range: 0.37 - 2.2kW
(230V single phase)
0.37 - 4.4kW
(400V three phase)

Rated Flow: 2 - 20 m³/h

Max Head: 60m

Inlet / Outlet dia: 25 - 50mm

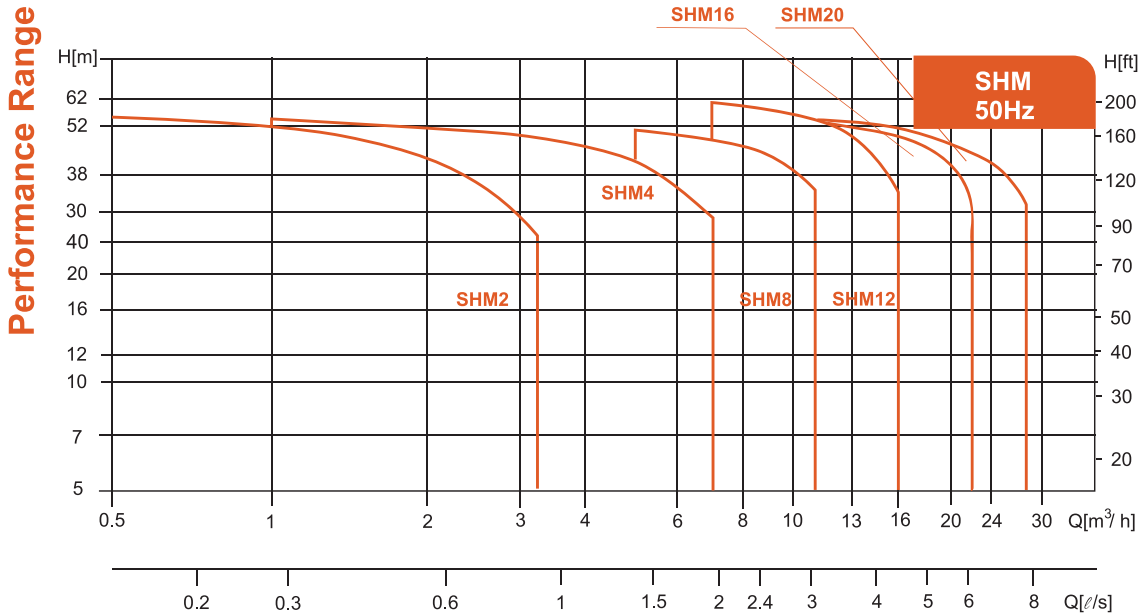
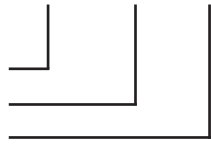
Max Pressure: 6bar

Temperature Range: +15°C - +70°C
+15°C - +105°C
(Hot water type)



SHM 12 - 50

Horizontal Multistage
Centrifugal Pump
Rated Flow (m³/h)
Number of impellers x10



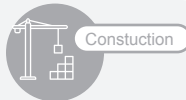
Sectors:



Water supply
High pressure



Water supply
Pressure boosting
Fire fighting
Water treatment plants
Food processing



High pressure
HVAC systems



Irrigation



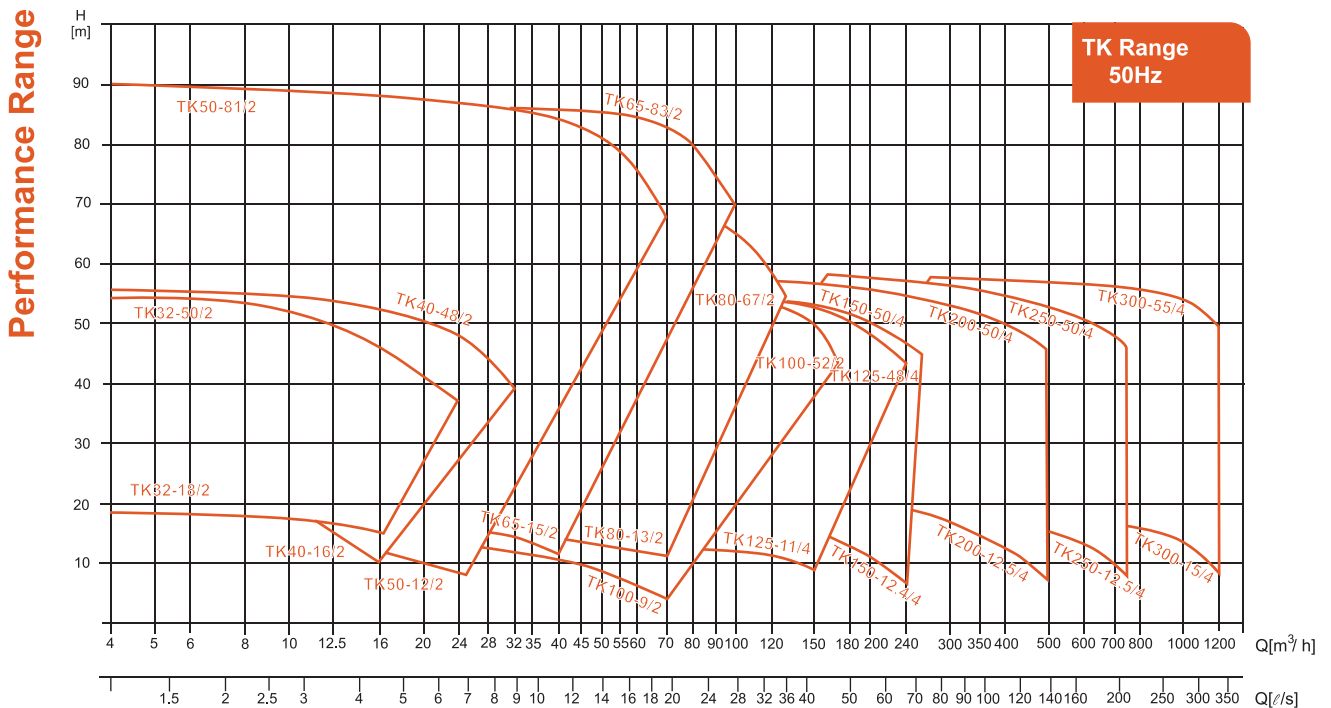
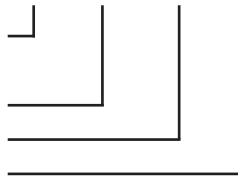
TK-Range

Power Range: 1.1 - 2.2kW (230V single phase)
1.1 - 200kW (400V three phase)
Rated Flow: 8 - 900 m³/h
Max Head: 81m
DN Suction Nozzle: 32 - 300mm



Inline Pump
Rated diameter of
suction nozzle (DN)
Rated head
Pole of motor

TK 65 - 34 / 2



Sectors:

Industrial
Water supply
Pressure boosting
Fire fighting

Residential
Domestic supply
Irrigation
Fountains

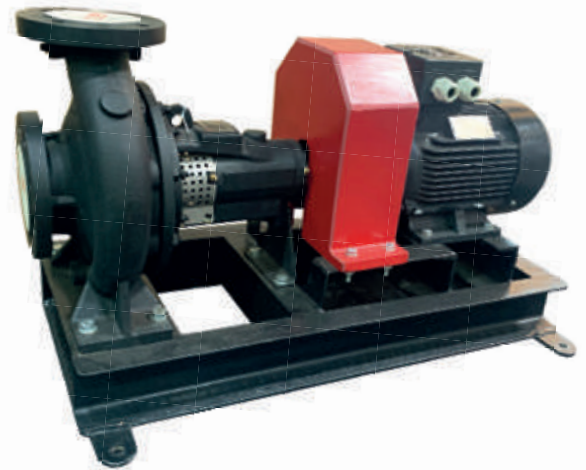
Renewable Energy
Rural water supply
Irrigation

Agriculture
Irrigation
Sprinkler systems

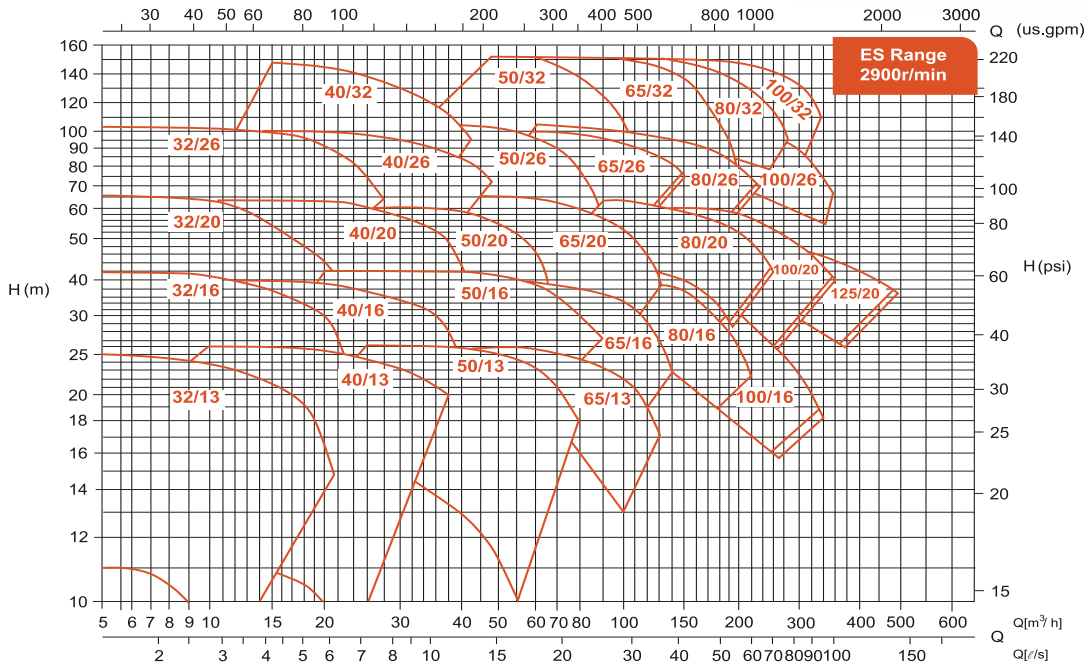


ES-Range

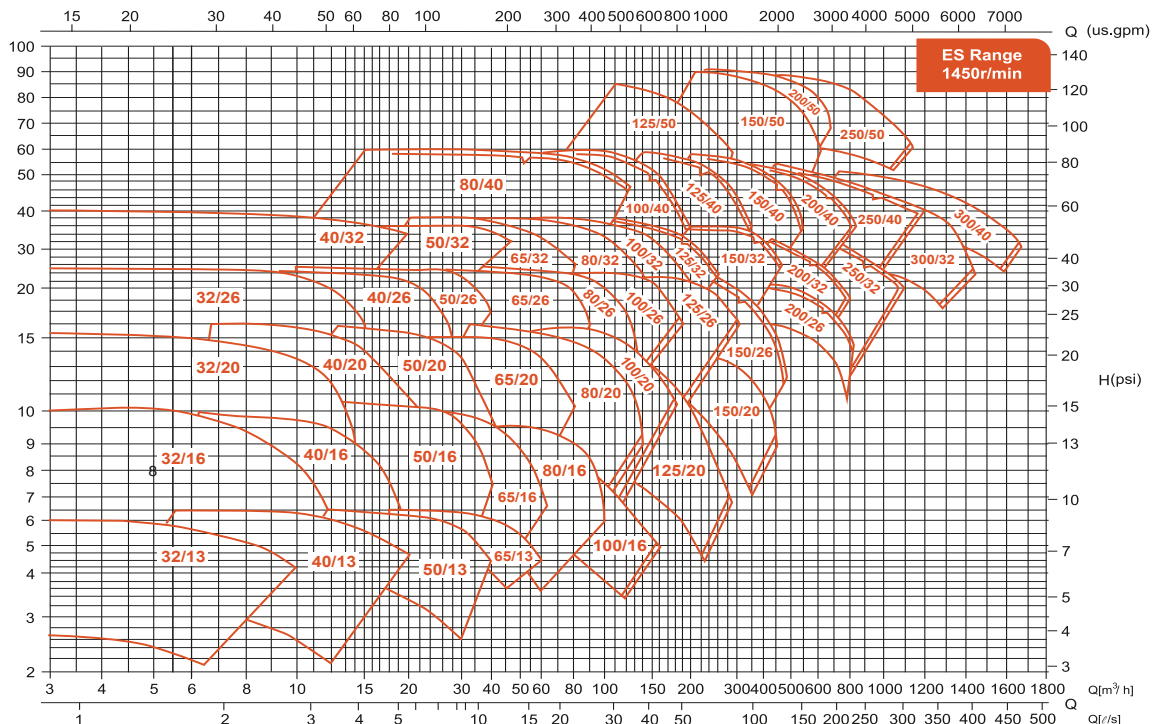
Power Range: 1.1 - 315kW (400V three phase)
Motor Speed: 2900 / 1450rpm
Rated Flow: 9 - 1 188 m³/h
Max Head: 86.5m
DN Suction Nozzle: 32 - 300mm
Sealing: Mech-Seal/Packed Gland
Impeller: Stainless Steel/Cast iron
Shaft: Stainless Steel



Performance Range



Performance Range





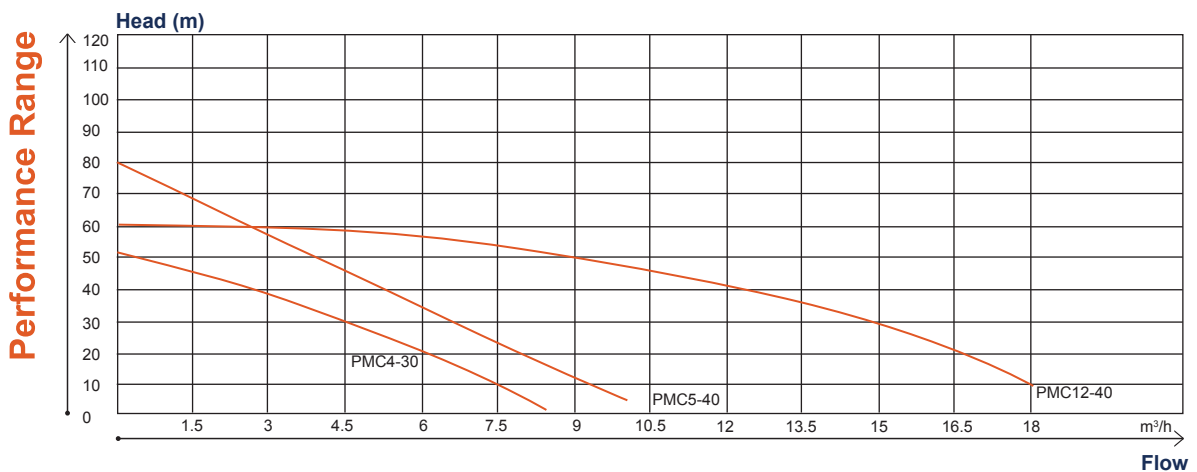
Booster System

Energy Saving: 30% - 50%
Energy Consumption: 30% Down
Max Suction Distance: 9m

- 🛡️ Multi-protection
- 🌀 Permanent Magnet Motor
- 🔗 Integrated Design
- ⚙️ Constant Pressure
- 📺 LCD Display Screen
- ⚙️ Adjustable Pressure
- 🚰 High Flow Rate
- 🌱 Energy Saving
- 📺 Wider Range of Voltage
- 🔊 Low Noise



PM-C



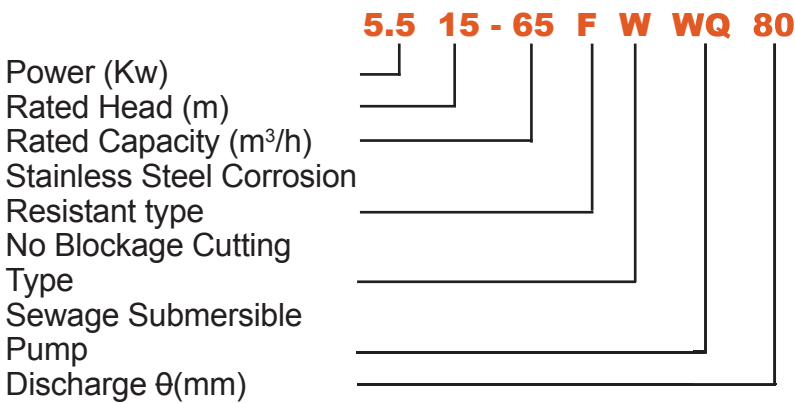
Technical Data

Model	Power Range (Kw)	Max. Head (m)	Rated Head (m)	Max. Flow (m³/h)	Rated Head (m³/h)	Max. Speed (rpm)	Voltage (v)	Frequency (Hz)	Inlet&Outlet (inch)
PMC4-30	0.9Kw	50	30	8	4	4000	220±20%	50/60	1¼" 1"
PMC5-40	1.1Kw	80	40	8	5	5000	220±20%	50/60	1¼" 1"
PMC12-40	2.2Kw	60	40	18	12	4500	220±20%	50/60	2" 2"



Sewage Submersible Pump

Main Application: Discharge waste water, rainwater and sewage
Motor: IPX8 protection level and F-level insulation
Shaft Seal: Oil filled
Cable: Sewage-resistant flexible cable with rubber sheath



WQF cast iron automatic coupling mounting dimension

Pump Outlet Diameter	50	65	80	100	150	200	250	300
Item								
Guide pipe dimensions	1" x (Ø 30 x 2)			1.5" x (Ø 45 x 2)			2" x (Ø 55 x 2.5)	
Guide pipe length (mm)	-80							
Specification and quantity of expansion bolts	M12 x 80 x 2			M14 x 100 x 2			M16 x 120 x 2	
Specification and quantity of anchor bolts	M16 x 250 x 4						M20 x 300 x 4	
Size of hole reserved for anchor bolt	80 x 80 x 300						100 x 100 x 350	
Inner diameter of rubber hose (mm)	50	65	80	100	150	200	250	300



PM

Peripheral Pumps

Power Range:	0.37 - 0.75kW
Max flow in m ³ /h:	2.7m ³ /h
Maximum head:	70m
Impeller material:	Brass
Bearing:	NSK



CPM

Centrifugal Pumps - CPM-Range

Power Range:	0.37 - 0.75kW
Max flow in m ³ /h:	2.7m ³ /h
Maximum head:	70m
Impeller material:	Brass
Bearing:	NSK



CS

Centrifugal Pumps - CS-Range

Power Range:	1.5 - 2.2kW
Max flow in m ³ /h:	54m ³ /h
Maximum head:	17.5m
Impeller material:	Brass
Bearing:	NSK



DK

Centrifugal Pumps - DK-Range

Power Range:	2.2kW
Max flow in m ³ /h:	27m ³ /h
Maximum head:	30m
Impeller material:	Brass
Bearing:	NSK





SCM

Twin-impeller Pumps

Power Range: 1.5 - 2.2kW
Max flow in m³/h: 12m³/h
Maximum head: 57m
Impeller material: Brass
Bearing: NSK



JETST

Self-priming Jet Pumps - Stainless Steel

Power Range: 0.75kW
Max flow in m³/h: 3.1m³/h
Maximum head: 50m
Impeller material: Stainless steel
Bearing: NSK



JETJM

Self-priming Jet Pumps - Cast Iron

Power Range: 0.55 - 0.75kW
Max flow in m³/h: 3.3m³/h
Maximum head: 50m
Impeller material: Brass
Ejector union material: PPO
Bearing: NSK



Centrifugal Pumps - Flanged

32

CM32-Range

Power Range: 3 - 15kW
Max flow in m³/h: 30m³/h
Maximum head: 90m
Outlet size: 1¼" (32mm)

40

CM40-Range

Power Range: 4-15kW
Max flow in m³/h: 42m³/h
Maximum head: 85.5m
Outlet size: 1½"(40mm)

50

CM50-Range

Power Range: 4-22kW
Max flow in m³/h: 84m³/h
Maximum head: 86m
Outlet size: 2"(50mm)

65

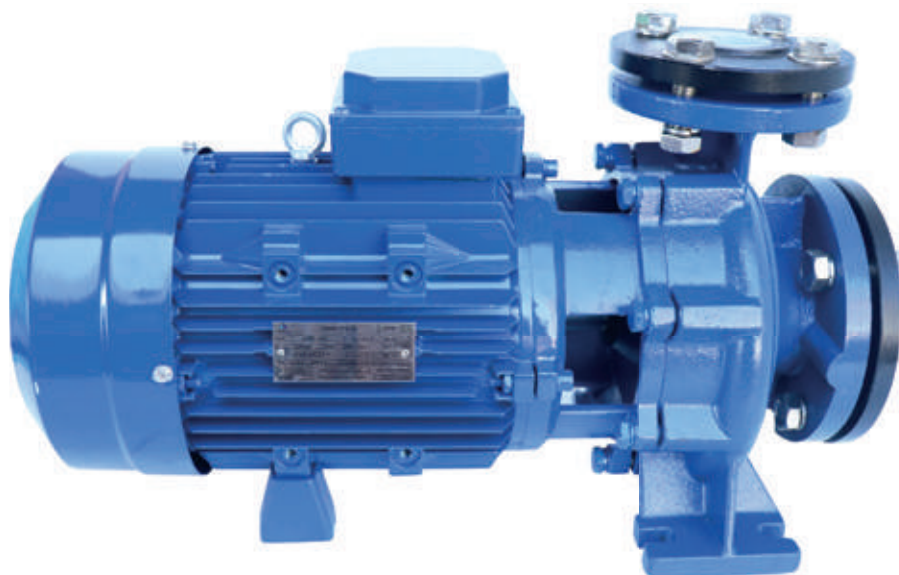
CM65-Range

Power Range: 7.5 -22kW
Max flow in m³/h: 144m³/h
Maximum head: 56.5m
Outlet size: 2½"(65mm)

80

CM80-Range

Power Range: 11 -22kW
Max flow in m³/h: 216m³/h
Maximum head: 39m
Outlet size: 2½"(65mm)





V-Range

Application

- Waste water drainage in factories, construction sites and commercial facilities.
- Drainage stations in quarters.
- Residential / Municipal projects.
- Methane pools and field irrigation in rural areas.
- NOT FOR CONTINUOUS DUTY

Pump

- Max. immersion depth: 5 m
- Max. liquid temperature: 40 °C
- Liquid pH value: 4-10
- Max. liquids density 1.2 x 10kg/m

Motor

- Copper winding
- Built-in thermal protector
- Stainless steel welded shaft
- Insulation Class: B
- Protection Class: IPX8



V180	V250	V750	V1300DF	V1800DF	V2200DF
230V	230V	230V	C/W Cutter	C/W Cutter	C/W Cutter
0.18kW	0.25kW	0.75kW	230V	230V	230V
			1.3kW	1.8kW	2.2kW



PS-Range

Domestic Drainage Pumps

Operating Conditions

- Max submersion depth = 7m
- Max particle size = 30mm
- Pipe outlet dia. = 25mm / 1"
- NOT FOR CONTINUOUS DUTY

Pump

- Max. immersion depth: 7 m
- Max. liquid temperature: 40 °C
- Liquid pH value: 4-10
- Max. Particle size: 30mm with open feet/5mm closed feet

Motor

- Copper winding
- Insulation Class: B
- Protection Class: IPX8



PS-400	PS-550	PS-750	PS-900
230V	230V	230V	230V
0.4kW	0.55kW	0.75kW	0.9kW



Mixed Flow Turbine Pumps

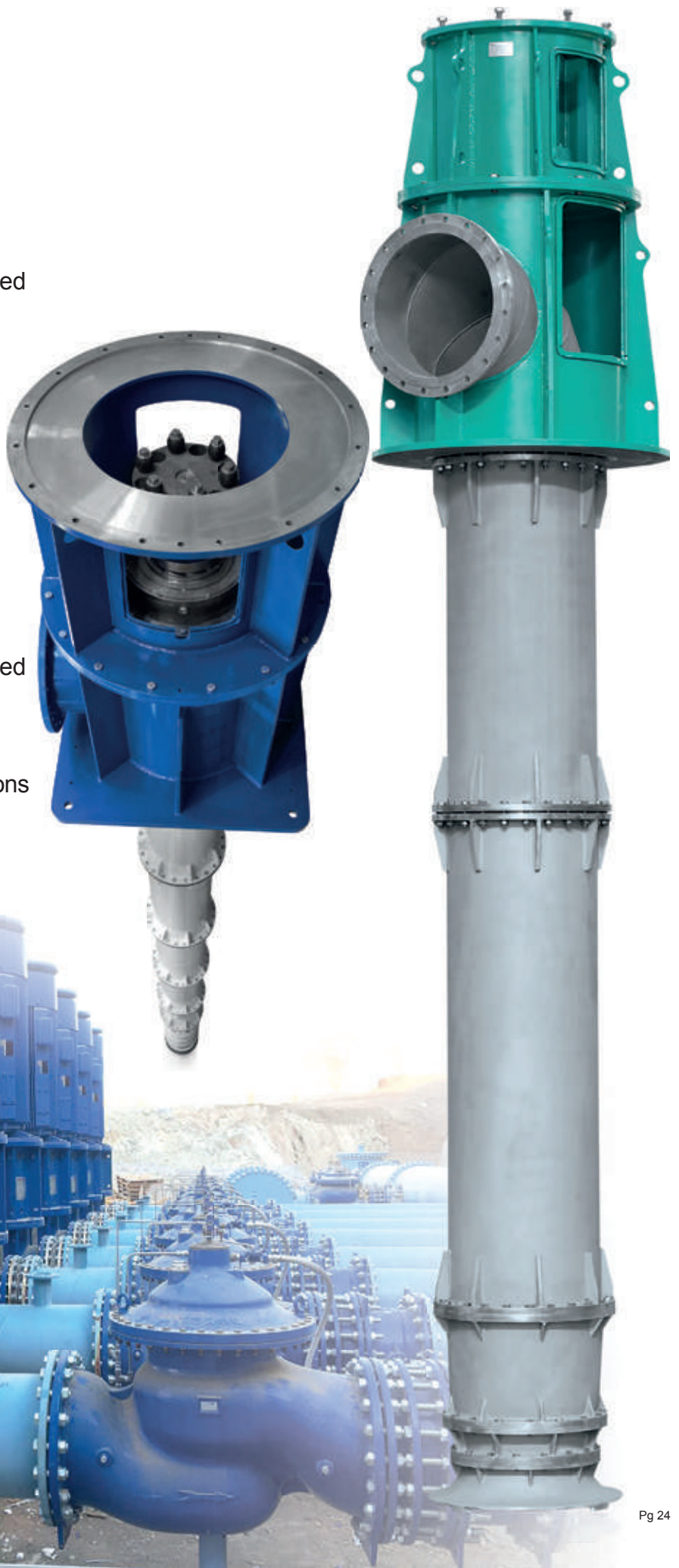
Flow: 10 - 40 000 m³/h
Head: up to 600m
Strainer: ST 37.2 Galvanized
Thrust Bearing: SKF/FAG
Split Ring
Collar Impeller: AISI 420

Water, oil and grease lubricated options
Built to customers unique requirements.

Axial Flow Turbine Pumps

Flow: 10 - 40 000 m³/h
Head: up to 600m
Strainer: ST 37.2 Galvanized
Thrust Bearing: SKF/FAG
Split Ring
Collar Impeller: AISI 420

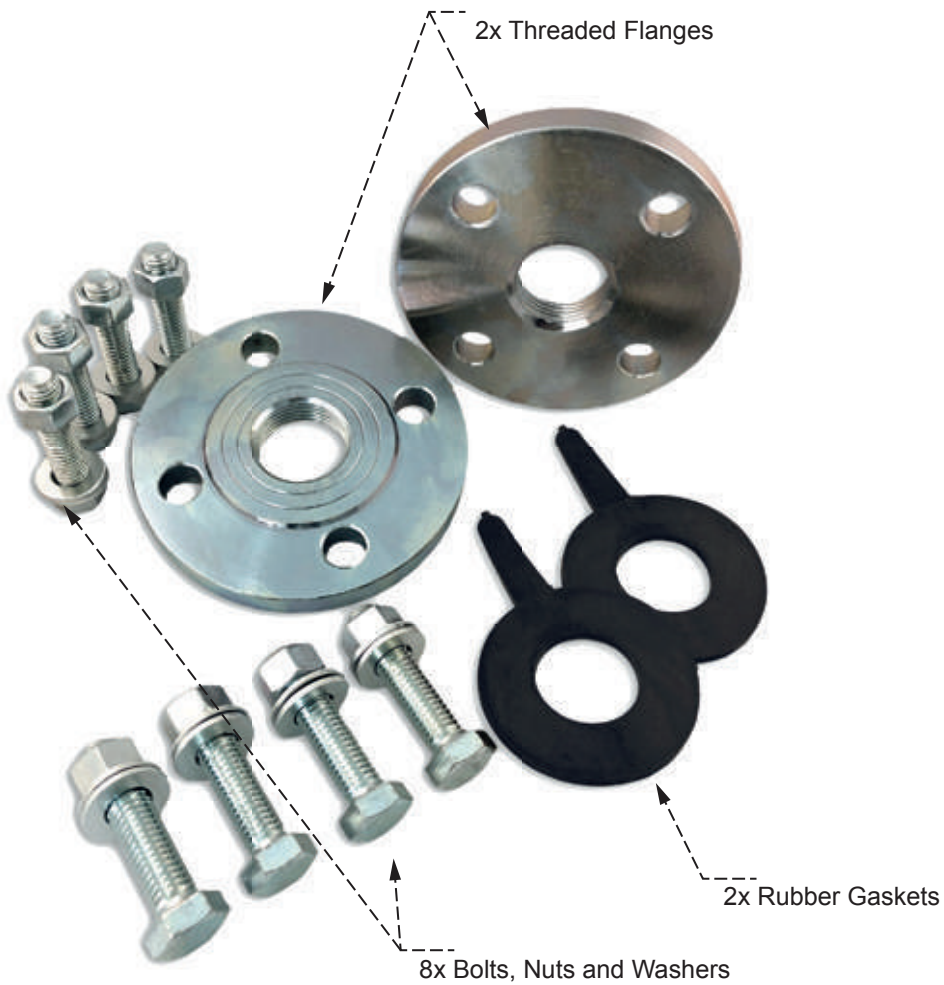
Water, oil and grease lubricated options
Built to customers unique requirements.



Flange Kits

Available sizes:

- DN 25
- DN 32
- DN 40
- DN 50
- DN 65
- DN 80
- DN 100
- DN 125



Base Plates

Galvanised Base plates:

- 25mm Ø
- 32mm Ø
- 40mm Ø
- 50mm Ø



Galvanised steel base plate

Split Base plates: (Cast iron)

- 32mm Ø
- 40mm Ø
- 50mm Ø
- 65mm Ø
- 80mm Ø
- 100mm Ø



Split base plate

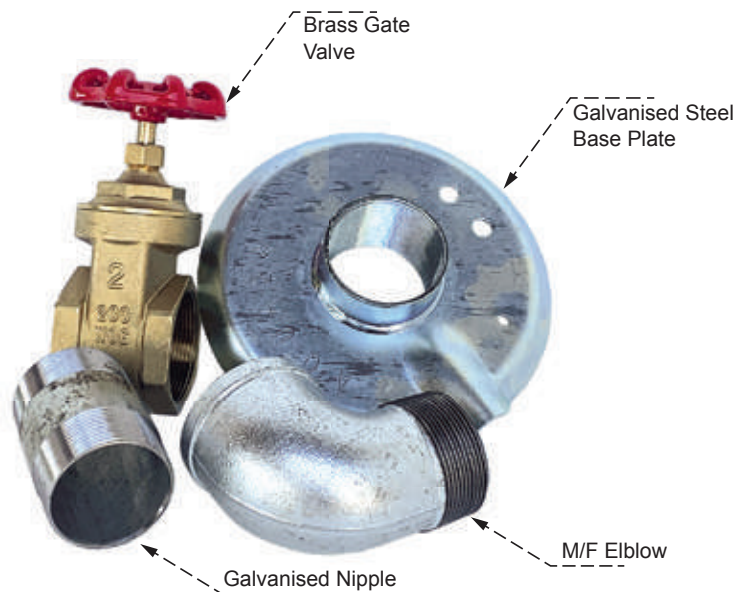


Surface Kits

Option 1 - SKO

Brass Gate Valve:	25mm Ø
M/F Elbow:	25mm Ø
Galvanised Nipple:	25mm Ø
Galvanised Base Plate:	25mm Ø

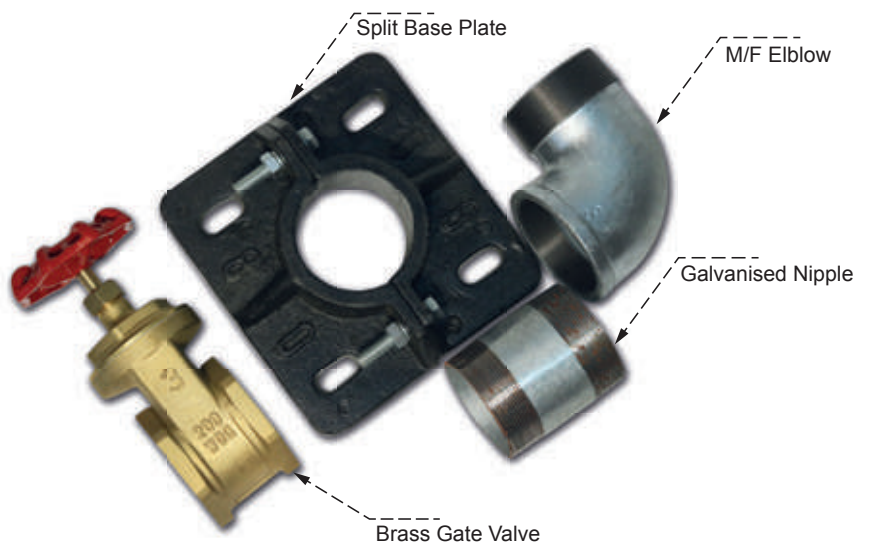
Also Available in
32mm, 40mm, 50mm Options



Option 2 - SK SBP

Brass Gate Valve:	32mm Ø
M/F Elbow:	32mm Ø
Galvanised Nipple:	32mm Ø
Split Base Plate:	32mm Ø
	32mm Ø

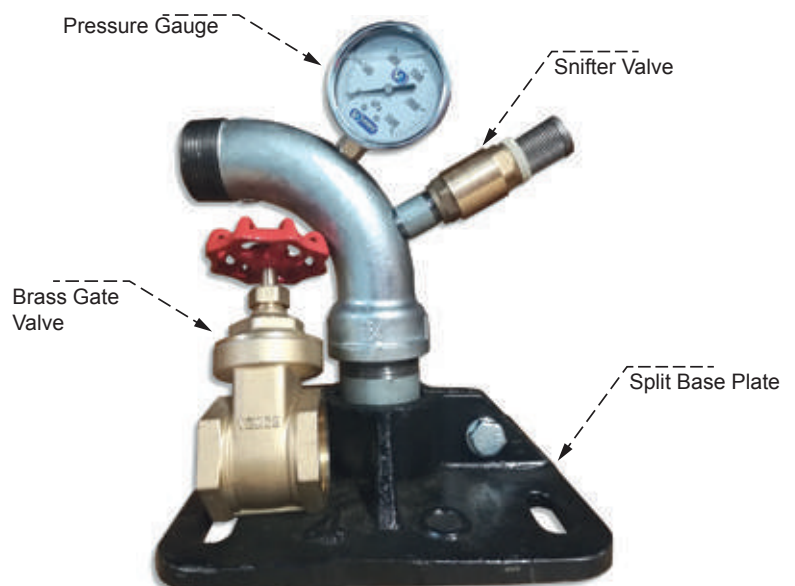
Also Available in
32mm, 40mm, 50mm, 65mm, 80mm,
100mm Options



Option 3 - SK EK

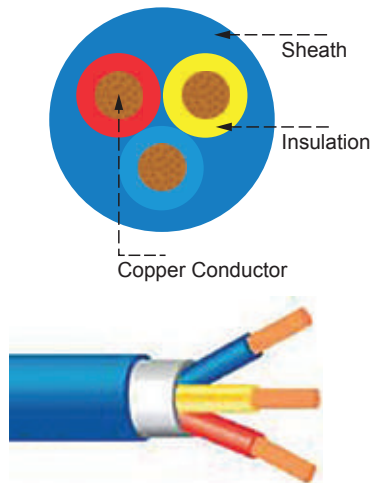
Brass Gate Valve:	32mm Ø
M/F Long Elbow:	32mm Ø
Snifter Valve:	50mm Ø
0-2500kPa	
Pressure Gauge:	32mm Ø
Split Base Plate:	32mm Ø
	32mm Ø

Also Available in
32mm, 40mm, 50mm, 65mm, 80mm,
100mm Options



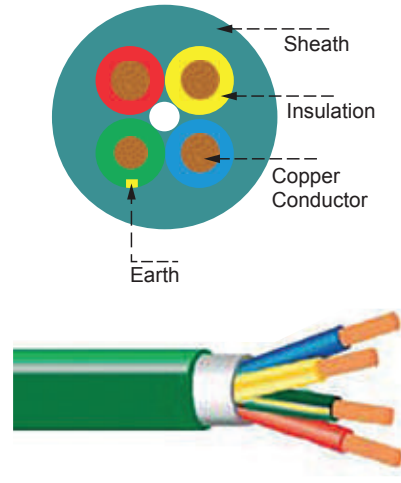
Round Submersible Cable

3-Core (Single phase)



Round Submersible Cable

4-Core (Three phase)



Rope





Also known as “safety rope / ski rope”

The safety rope’s main function is to prevent any pipe separation which could result in the pump being lost at the bottom of the well. Safety rope can also be a back up to enable the installer to pull the pump from the well just in case the riser pipe fails or the connection gets separated.

It is recommended that every pump should have safety rope secured to the well head before hanging it in the well. When selecting what rope you require, you should keep in mind the weight of the pump, piping and wire.

The safety rope should be large enough to support the weight of the equipment. If you are using galvanized pipe instead of poly pipe, you will need to take into factor that your rope will need to be able to hold the extra weight.

Vansan Safety Rope is colour-coded for ease of recognition:

	6mm	500kg breaking strength
	8mm	650kg breaking strength
	10mm	1000kg breaking strength
	12mm	1300kg breaking strength

Cable Joints

MX splice kits

- MX1 1.5 - 4mm² Joint Kit
- MX2 6 - 16mm² Joint Kit

Resin-based cable splicing kit. Cable is joined, inserted into mould and resin is poured into mould to cure.

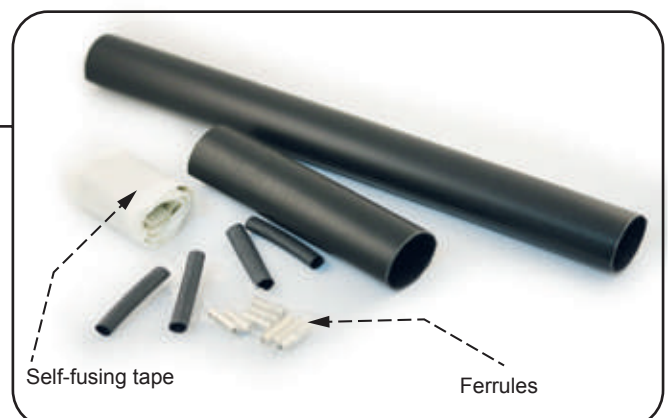


Heat Shrinks

- Heat shrink 1.5 - 4mm²
- Heat shrink 6 - 16mm²



- Heat shrink 1.5 - 4mm² C/W Ferrules and self-fusing tape
- Heat shrink 6 - 16mm² C/W Ferrules and self-fusing tape

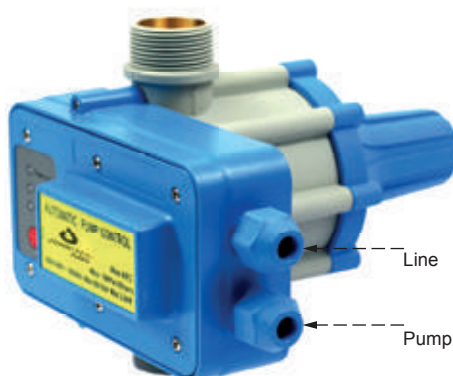


Flow / Pressure Controllers



Automatic Pump Control PS01

Rated Voltage: 220-240V
Max power: 1.1kw
Max rated current: 10A
Protection Degree: IP65
Connection: 1" Male
Starting pressure: 1.5 Bar
Maximum pressure: 10 Bar



Automatic Pump Control PS01A

Rated Voltage: 220-240V
Max power: 2.2kw
Max rated current: 30A
Protection Degree: IP65
Connection: 1 1/4" Male
Starting pressure: 2.2 Bar
Maximum pressure: 10 Bar



Automatic Pump Control PS02B

Rated Voltage: 220-240V
Max power: 1.1kw
Max rated current: 10A^o
Protection Degree: IP65
Connection: 1" Male
Starting pressure: 1.5 - 3 Bar adjustable
Maximum pressure: 10 Bar

Protection / Intelligent Control Boxes

- Overload protection
- Pump stalled protection
- Dry run protection with sensor
- Under voltage protection
- Over voltage protection



MP-S1 Protection box

Rated Voltage: 220-240V
Power: 0.37 - 2.2kW

Wall mounting:
 180 x 150 x 70mm
Capacitor Required



M521 Protection box

Rated Voltage: 220-240V
Power: 0.37 - 2.2kW

Wall mounting:
 228 x 160 x 82mm
Capacitor Required



M531 Protection box

Rated Voltage: 380-400V
Power: 0.37 - 3kW
 4 - 7.5kW

Wall mounting:
 228 x 160 x 82mm

Column Pipes

Size	Description	Pressure Rating
32mm	Standard pipe	25bar
40mm	Standard pipe	26bar
40mm	Heavy pipe	35bar
50mm	Medium pipe	10bar
50mm	Standard pipe	20bar
50mm	Heavy pipe	27bar
50mm	Super heavy	35bar
65mm	Medium pipe	10bar
65mm	Standard pipe	16bar
65mm	Heavy pipe	26bar
65mm	Super heavy	35bar
80mm	Medium pipe	10bar
80mm	Standard pipe	17bar
80mm	Heavy pipe	26bar
80mm	Super heavy	35bar
100mm	Medium pipe	10bar
100mm	Standard pipe	15bar
100mm	Heavy pipe	26bar
100mm	Super heavy	35bar
125mm	Heavy pipe	26bar
150mm	Heavy pipe	26bar

- ☑ First company in the world to invent and develop uPVC column pipes
- ☑ Available in over 50 countries
- ☑ Installed with over 3 million borewell pumps
- ☑ Non-corrosive
- ☑ Lightweight
- ☑ Durable
- ☑ Chemical-resistant
- ☑ Patented “wire-lock” system



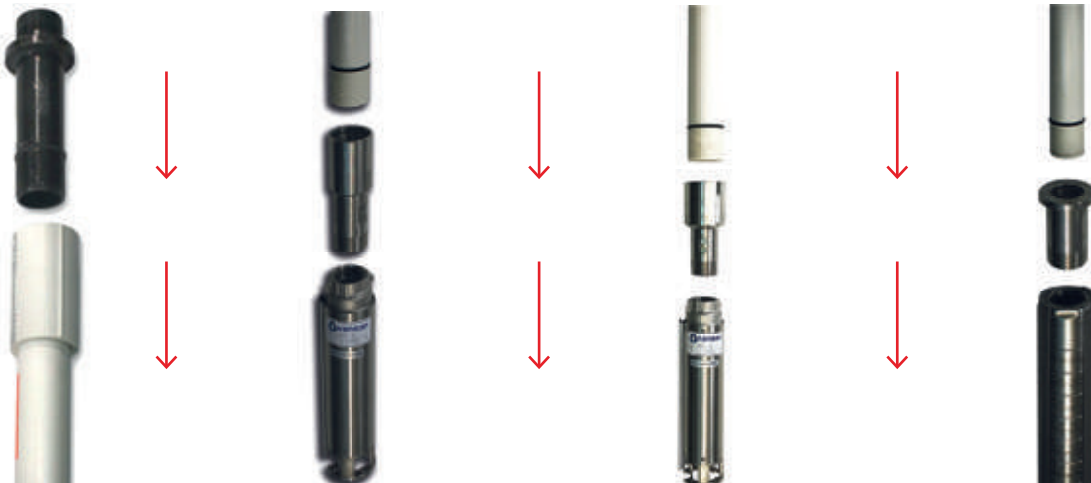
Accessories

Top Adaptors

Bottom Adaptors

Expanding Adaptors

Reducing Adaptors



- ☑ Top & bottom adaptors available in all sizes in mild steel or stainless steel.
- ☑ Expander adaptors, reducing adaptors and thread converters also available in all sizes in stainless steel.
- ☑ O-rings available in all sizes.



by aliaxis

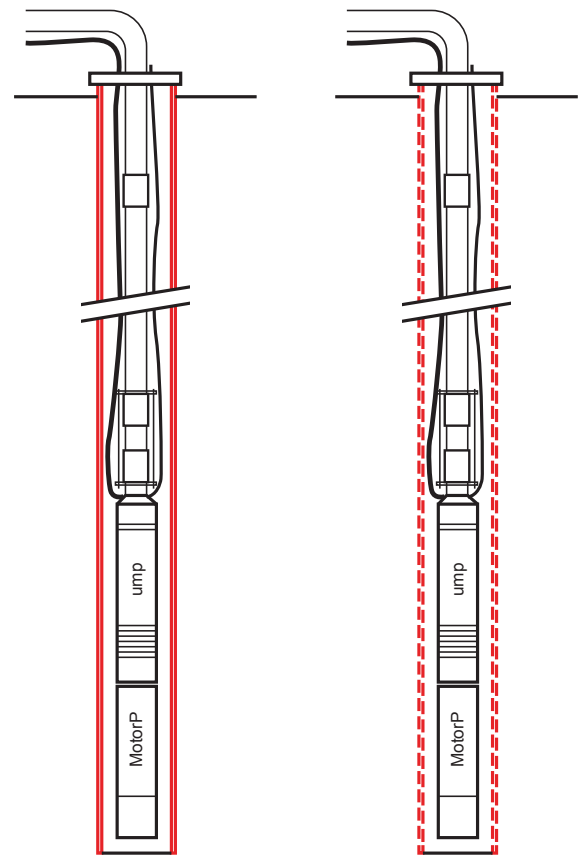
Borehole Casings - Solid

Size	Description	Installation Depth
100mm	Casing Medium	250m
115mm	Casing Medium	250m
125mm	Casing Shallow	80m
125mm	Casing Medium	250m
150mm	Casing Shallow	80m
150mm	Casing Medium	250m
150mm	Casing Deep	450m
165mm	Casing Shallow	80m
165mm	Casing Medium	250m
175mm	Casing Shallow	80m
175mm	Casing Medium	250m
175mm	Casing Deep	450m
200mm	Casing Shallow	80m
200mm	Casing Medium	250m
200mm	Casing Deep	450m
250mm	Casing Shallow	80m
250mm	Casing Medium	250m

Borehole Casings - Perforated

Size	Description	Installation Depth
100mm	Casing Medium	250m
115mm	Casing Medium	250m
125mm	Casing Shallow	80m
125mm	Casing Medium	250m
150mm	Casing Shallow	80m
150mm	Casing Medium	250m
150mm	Casing Deep	450m
165mm	Casing Shallow	80m
165mm	Casing Medium	250m
175mm	Casing Shallow	80m
175mm	Casing Medium	250m
175mm	Casing Deep	450m
200mm	Casing Shallow	80m
200mm	Casing Medium	250m
200mm	Casing Deep	450m
250mm	Casing Shallow	80m
250mm	Casing Medium	250m

- ✓ High joint strength
- ✓ Lightweight = easy transportation & faster installation
- ✓ No electrolytic deposition & bacterial growth
- ✓ Non-toxic
- ✓ Corrosion-free



Solid vs Perforated borehole casings



*3m Lengths





Locally Manufactured Borehole Casings *6m Lengths

Class 6 Pipe

Size	Wall thickness	Weight per 6m length
110mm CL62	.6 - 3mm	6.45kg
125mm CL6	3 - 3.5mm	8.5kg
140mm CL6	3.3 - 3.8mm	10.4kg
160mm CL6	3.8- 4.3mm	13.57kg

Class 9 Pipe

Size	Wall thickness	Weight per 6m length
110mm CL93	.9 - 4.4mm	6.45kg
125mm CL9	4.4 - 5mm	8.5kg
140mm CL9	4.9 - .5mm	10.4kg
160mm CL9	5.6- 6.3mm	13.57kg



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