

Zirantec

PRODUCT OVERVIEW

50Hz



**Sewage Submersible Pumps
FGb / FGaSeries - VORTEX IMPELLER**



Outlet size : DN40-DN100
Power : 0,5 – 50 kW
Flow : Upto 216 m³/h
Head : Upto 65m
Solid size : Upto 100mm

**Sewage Submersible Pumps
FGt Series - With GRINDER**



Outlet size : DN40-DN50
Power : 0,9 – 9,5 kW
Flow : Upto 30 m³/h
Head : Upto 60m
Solid size : Upto 7mm

**Sewage Submersible Pumps FMc /
FMa Series SINGLE CHANNEL IMPELLER**



Outlet size : DN 50 - DN 150
Power : 0,6 kW - 34 kW
Flow : Upto 504 m³/h
Head : Upto 65m
Solid size : Upto 100mm

**Sewage Submersible Pumps
FKc Series-MULTI CHANNEL IMPELLER**



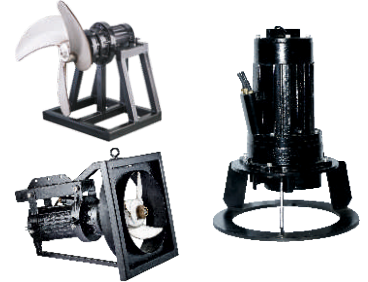
Outlet size : DN 150 - DN 400
Power : 10,5 – 185 kW
Flow : Upto 2520 m³/h
Head : Upto 66m
Solid size : Upto 165 mm

**Submersible Dewatering Pumps
FDRV Series**



Outlet size : DN 50 - DN150
Power : 0,85 to 18kW
Flow : Upto 220 m³/h
Head : Upto 60 Mtrs
Solid size : Upto 11,5 mm

**Submersible MIXERS & AGITATORS
FMD / FTP / FAG Series**



Power : Upto 22 kW
Head : Upto 70 m
Flow : Upto 6702 m³/h
Field height : 1,5 – 10 m

Submersible AERATORS FJET / FAR Series



Power : Upto 14 kW
Speed : 1450rpm
Ejector Size : Upto 150 mm
Power : Upto 5 kW
Max. Water Depth : 4.6 m
Max. Intake of Air : 125 m³/h
Oxygen Transfer Capacity : Upto 9 kg O₂/h

**Sewage Monoblock Pumps
MB Series**



Outlet Size : DN 50 - DN 150
Power : 0,55kW - 11kW
Flow : Upto 396 m³/h
Head : Upto 31 m
Solid Size : Upto 100 mm

**Sewage Submersible Pumps
FSL SERIES - SS Motor Body**



Power : Upto 2,2 kW
Flow : Upto 72 m³/h
Head : Upto 26 mtrs
Solid Handling Size : Upto 65 mm

**Vertical & Horizontal Multistage Pumps
FV / FH Series**



Power : Upto 110 kW
Discharge : Upto 200 m³/h
Head : Upto 320 m

**Pressure Boosting System
FVHS Series**



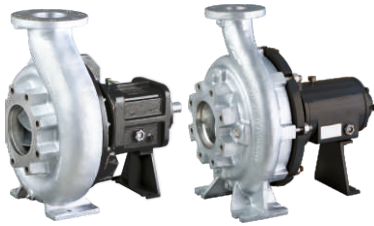
Power : 0,37 - 110 kW
Head : Upto 320 m
Flow : Discharge (max.) of the individual pump x No. of pumps connected in parallel

**Vertical Inline Centrifugal Pumps
FIS / FIC Series**



Power : Upto 45 KW
Flow : Upto 656 m³/hr
Head : Upto 51 mtrs
Speed : 1450 / 2900 rpm

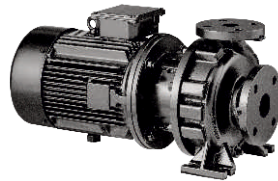
**End Suction Pumps
FECC / FECP Series**



STAINLESS STEEL CASING & IMPELLER

Power : Upto 315 kW
Flow : Upto 2970m³/hr
Head : Upto 140 m

**Closed Coupled Centrifugal Pumps
FCCW Series**



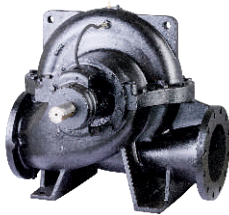
Power : Upto 45 kW
Flow : Upto 550m³/hr
Head : Upto 95mtrs

**End Suction Centrifugal Pumps
FECW / FECM Series**



Power : Upto 220 kW
Flow : Upto 3600 m³/hr
Head : Upto 160 mtrs

Split Case Pumps - FSCW Series



Power : Upto 3150 kW
Flow : Upto 30000 m³/hr
Head : Upto 250 mtrs
Outlet size : Upto 1600mm

**Horizontal Multi-Stage Centrifugal Pumps
FHMW Series**



Power : Upto 1300 kW
Head : Upto 1110 m
Flow : Upto 850 m³/h
Outlet size : Upto 300 mm

**Thermo Plastic Floating Impeller Pumps
HYDRA Series**



Nominal Dia. : 4"
Power : 0,25 - 7,5 kW
Flow : Upto 24 m³/h
Head : Upto 270 m

**SS Submersible Pumps
ORION Series**



STAINLESS STEEL IMPELLER & DIFFUSER

Nominal Dia. : 4", 6", 8", 10", 12", 14"
Power : Upto 300 kW
Flow : Upto 810 m³/h
Head : Upto 650 m

**Submersible Motors
Water & Oil Filled Rewindable**



Nominal Dia. : 4", 6", 8", 10" & 12"
Power Range : 0,37kW - 2,2kW - 1 Ph
0,37kW - 300kW - 3 Ph

**Mini Submersible Pumps
FMs / FMP Series**



Power : 550 - 1100 W
Version : 230V, 1Ph
Flow : Upto 12 m³/h
Head : Upto 11 m
Degree of Protection : IP 68

Peripheral Pumps - FPE Series



Power : 0,37 kW & 0,75 kW
Discharge : Upto 2,2 m³/hr
Head : Upto 61 m

**Self - Priming Jet Pumps
FJT Series**



Power : FJTS - 0,55 kW - 1,5 kW
FJTB - 0,55 kW - 1,5 kW
Discharge : FJTS - Upto 3,7 m³/hr
FJTB - Upto 5.5 m³/hr
Head : FJTS - Upto 45 m
FJTB - Upto 48 m

**Centrifugal Mono Block Pumps
FCT / FCTSS Series**



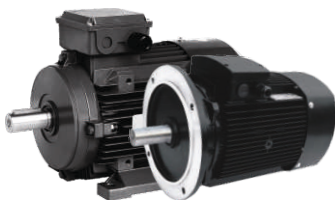
Power : 0,37 kW - 2,2 kW - 1 Ph
2,2 kW - 15 kW - 3 Ph
Discharge : Upto 246 m³/hr
Head : Upto 95 m

Vertical Turbine Pumps FVT Series



Power : Upto 1000 kW
Flow : Upto 10000 m³/h
Head : Upto 200 m

A.C. INDUCTION MOTORS



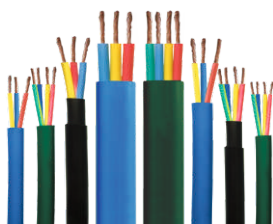
Power : 1Ph - Upto 2,2kW
3 Ph - Upto 315kW
Mounting Type : Foot, Face & Flange
IEC Efficiency Class : IE1 / IE2 / IE3

CONTROL PANELS



Power : 1Ph - Upto 2,2kW
3 Ph - Upto 300kW
Connection Type : 1Ph - CSR & CSCR
3Ph - DOL & SD
Degree of Protection : IP 55 & IP 52

SUBMERSIBLE CABLES



Available Type : Flat & Round
Available Size : 1,5, 2,5, 4, 6, 10, 16,
25, 35, 50, 70 &
95 Sqmm
3 Core & 4 Core
Voltage Rating : 1100 V / 600 V

uPVC COLUMN PIPES



Nominal Size : 1", 1¼", 1½", 2", 2½",
3", 4", 5", 6"
Type : Medium (210 m)
Standard (300 m)
Heavy (350 m)
Super Heavy (350 m)

SOLAR PUMP CONTROLLER & PV MODULES



Power : 0,37 - 7,5 kW - 220V
1,1 - 18,5 kW - 380V
Versions : 3Ph - 220V / 230V /
380V / 460V in 50Hz & 60Hz
Input variants : DC - PV Modules
AC - 3Ph from Generator / Grid
Degree of Protection : IP 42

ELECTRONIC PRESSURE CONTROLS



System Pressure: Maximum 10 bar
Supply voltage : 220 / 240 V
Frequency : 50 Hz
Max. Current : 10 Amps
Enclosure Class : IP 65
Min. Flow rate : CPH, CPVS-0.8-1.0 lpm,
CPV-2.0 lpm
Max. Flow rate : 10000 lph

RANGE OF VALVES



Butterfly Valve : DN 50 to DN 1200
Cast Steel Gate Valve : DN 50 to DN 300
Cast Steel Globe Valve : DN 50 to DN 150
Cast Steel Check Valve : DN 50 to DN 300
Forged Steel Gate Valve : DN 15 to DN 50
Forged Steel Globe Valve : DN 15 to DN 50
Forged Steel Check Valve : DN 15 to DN 50
Ball Valve - Floating : DN 15 to DN 200
Ball Valve - Trunion Mounted : DN 15 to DN 300
Gate Valve : DN 50 to DN 300
Globe Valve : DN 50 to DN 300
Check Valve - Swing type : DN 50 to DN 300
Check Valve - Double Door : DN 50 to DN 1000
Check Valve - Wafer Type : DN 25 to DN 600
Air Release Valve : DN 50 to DN 200

BALL CHECK VALVE (for Sewage Pump)



Size : 2" - 8"
Pressure Rating : PN 10 / PN 16
Material of Construction : Cast Iron/Ductile Iron



FABBRICA ITALIANA POMPE SOMMERGIBILI S.r.l.

Via dell' Artigianato,16 - 20090 Pieve Emanuele (MI)-Italy

Tel. (+39) 02 8258923 - 02 57510371 Fax 02 57512095

E-mail: info@fips-pumps.it | www.zirantec.com