

# Zirantec

## PRODUCT OVERVIEW

50Hz



**Sewage Submersible Pumps  
FGb / FGa Series - VORTEX IMPELLER**



Outlet size : DN40-DN100  
 Power : 0,5 – 50 kW  
 Flow : Upto 216 m<sup>3</sup>/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 m<sup>3</sup>/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 m<sup>3</sup>/h  
 Head : Upto 65m  
 Solid size : Upto 100mm

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



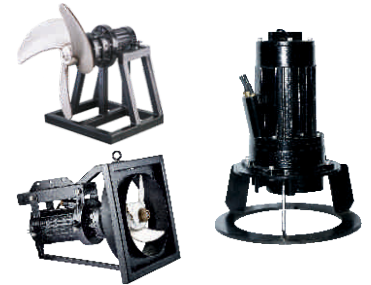
Outlet size : DN 150 - DN 400  
 Power : 10,5 – 185 kW  
 Flow : Upto 2520 m<sup>3</sup>/h  
 Head : Upto 66m  
 Solid size : Upto 165 mm

**Submersible Dewatering Pumps  
FDRV Series**



Outlet size : DN 50 - DN150  
 Power : 0,85 to 18kW  
 Flow : Upto 220 m<sup>3</sup>/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 m<sup>3</sup>/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 m <sup>3</sup> /h
Oxygen Transfer Capacity	: Upto 9 kg O <sub>2</sub> /h

**Sewage Monoblock Pumps  
MB Series**



Outlet Size : DN 50 - DN 150  
 Power : 0,55kW - 11kW  
 Flow : Upto 396 m<sup>3</sup>/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 m<sup>3</sup>/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 m<sup>3</sup>/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 m<sup>3</sup>/hr  
 Head : Upto 51 mtrs  
 Speed : 1450 / 2900 rpm

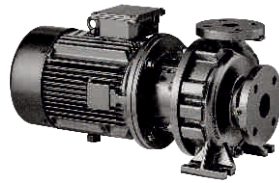
**End Suction Pumps  
FECC / FECP Series**



**STAINLESS STEEL CASING & IMPELLER**

Power : Upto 315 kW  
Flow : Upto 2970m<sup>3</sup>/hr  
Head : Upto 140 m

**Closed Coupled Centrifugal Pumps  
FCCW Series**



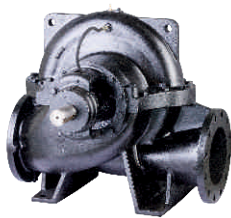
Power : Upto 45 kW  
Flow : Upto 550m<sup>3</sup>/hr  
Head : Upto 95mtrs

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



Power : Upto 220 kW  
Flow : Upto 3600 m<sup>3</sup>/hr  
Head : Upto 160 mtrs

**Split Case Pumps - FSCW Series**



Power : Upto 3150 kW  
Flow : Upto 30000 m<sup>3</sup>/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 m<sup>3</sup>/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 m<sup>3</sup>/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 m<sup>3</sup>/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 m<sup>3</sup>/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 m<sup>3</sup>/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 m<sup>3</sup>/hr  
FJTB - Upto 5.5 m<sup>3</sup>/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 m<sup>3</sup>/hr  
Head : Upto 95 m

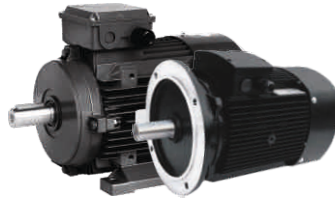


**Vertical Turbine Pumps  
FVT Series**



Power : Upto 1000 kW  
Flow : Upto 10000 m<sup>3</sup>/h  
Head : Upto 200 m

**A.C. INDUCTION MOTORS**



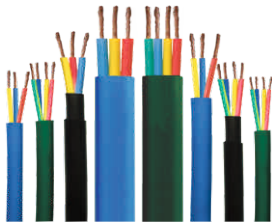
Power : 1Ph - Upto 2,2kW  
3 Ph - Upto 315kW  
Mounting Type : Foot, Face & Flange  
IEC Efficiency Class : IE1 / IE2 / IE3

**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



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