

GENVIK

WE MAKE IT BETTER

ALL PRODUCT BOOKLET



MARSHALLING THE POWER OF TECHNOLOGY TO PROVIDE COST EFFECTIVE PUMPING SOLUTIONS

Genvik is one of the emerging leaders in the world with the capability and the resources to provide pumping solutions that are not only cost effective but contributes to better productivity. As a technology oriented company Genvik has made major investments to stay on the cutting edge of pump manufacture. While the focus is on industrial pumps, Genvik has also developed pumping systems for diverse applications.

Genvik pumps are manufactured at ISO 9001&14001 facilities, equipped with state of art testing equipments and highly sophisticated machinery. Design and manufacture are carried out under digital environment for zero defect product turn out.

Backed by strong customer service and a willingness to listen to customer perceptions and needs, Genvik is a name to reckon with in the world of pumps.

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INDUSTRIAL PRODUCT

END SUCTION WATER PUMP - KEH & KEM SERIES

Specifications		
Outlet Size	: DN 32 to DN 150	DN 250 to DN 450
Nominal Speeds	: 2900rpm/1450rpm	720rpm/960rpm/1450rpm
Flow Range	: up to 550 m^3 /h	Up to 3500 m^3/h
Head Range	: up to 150 m	Up to 45 m
Operating Temperature	: 90°C	60°C
Working Pressure	: 16 bar	16 bar



Applications : General water supply, Sprinkler systems, Power plants, Water treatment plants, Industrial water supply, Paper & pulp industries, Fire fighting, Desalination, Irrigation, HVAC.

Features : Designed to allow interchangeability of their components

Minimizes shaft deflection maximizes bearing and mechanical seal life

Heavy duty bearing ensures long life

Back pullout design facilitates dismantling the pump without disconnecting the pipes

Dimensions and characteristics according to ISO 2858 (KEH)

Available both in mechanical seal and soft packed stuffing box design

INDUSTRIAL PRODUCT



END SUCTION CHEMICAL PUMP - KEC SERIES

Specifications		
Power Range	:	5 kW - 150 kW
Nominal Speeds	:	970 / 1450 / 2900 rpm
Max. Discharge	:	1020 m^3 /h
Head Range	:	198 m
Max. Solid allowable	:	50 mm
Max. Operating Pressure	:	16 bar
Outlet size	:	25 - 200 mm
Max. Operating Temperature	:	232°C

Applications : Edible oil refinery, Non API 610 chemicals process industry, Food & beverage industries.

Features : Heavy Duty Construction, Parts Interchangeability, Bearing Condition Monitoring, Various sealing options: Gland Packing, Mechanical Seal, Expellers, Back Pull-out Designs, Renewable Wear Parts & Excellent Impeller Adjustment, ANSI B73.1



END SUCTION PAPER & PULP PUMP - KEP SERIES

Specifications		
Outlet Size	:	80 to 355mm
Speed	:	720 / 960 / 1450 rpm
Flow Range	:	up to 3100 m^3 /h
Head Range	:	up to 97 m
OperatingTemperature	:	Maximum 232°C

Applications : Paper & pulp industries, Food & Beverages General water supply, Power plants, Sugar, Steel.

Features : Designed to allow interchangeability of their components,
Minimizes shaft deflection maximizes bearing and mechanical seal life,
Heavy duty bearing ensures long life,
Back pullout design facilitates dismantling the pump without disconnecting the pipes,
Available both in mechanical seal and soft packed stuffing box design,

INDUSTRIAL PRODUCT

END SUCTION HARD SLURRY PUMP – KES SERIES

Specifications		
Power Range	:	20 kW - 280 kW
Nominal Speeds	:	720 / 970 / 1450 rpm
Max. Discharge	:	2750 m^3 /h
Head Range	:	60 m
Max. Solid allowable	:	127 mm
Max. Operating Pressure	:	10 bar
Outlet size	:	80 - 350 mm
Max. Operating Temperature	:	232°C



Applications : All abrasive slurries & Sludge, Sand Filter Recovery Mineral & Ore Processing, Abrasive Chemical & Process liquor, Cyclone feed & Under Flow, Coal & Ash Slurries, Aggregate & Mineral slurries, Coal preparation,Dewatering, Wash down & Sluicing

Features : Heavy Duty Construction, Parts Interchangeability, Bearing Condition Monitoring, Various sealing options: Gland Packing, Mechanical Seal and Expellers, Rubber lined / hard metal, Renewable Wear Parts, Heavy Duty Shaft Bearings and Excellent Impeller Adjustment.

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HORIZONTAL SPLIT CASE PUMP - KAW SERIES

Specifications		
Power Range	:	3 kW - 3000 kW
Head Range	:	7 - 220 m
Flow Capacity	:	22 - 16236 m^3 /h
Outlet Size	:	3" - 36"
Temperature	:	-20°C to 200°C
Permissible Pressure	:	5 Mpa
Sealing	:	Gland packing or mechanical seal



Applications : General Water supply, Hot & Cold water circulation, Swimming pool & amusement parks, HVAC, Drinking water transfer, Various industrial applications, Cooling towers, Fire fighting Flood Control & Sprinkler Irrigation

Features : Dynamically balanced rotating parts, Robust construction, High operating efficiency, Low life cycle cost, Heavy duty bearings ensures long life, Service friendly design, Available with different MOC, Double suction impeller with low NPSHr.

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VERTICAL TURBINE PUMP - KVT SERIES

Specifications

Model	Minimum Diameter (Inch)	Minimum Diameter (mm)	Capacity range (gph)	Capacity range (lpm)
4S	4	100	1000 - 4000	75 - 300
6S	6	150	4000 - 8500	300 - 650
6S	6	150	10000 - 7000	750 - 1300
7S	8	200	6000 - 3000	455 - 985
7S	8	200	14000 - 26000	1060 - 1970
8S	8	200	10000 - 20000	750 - 1515
9S	10	250	160000 - 38000	1212 - 2880
10S	10	250	25000 - 55000	1900 - 4150
12S	12	300	40000 - 80000	3030 - 9100
14S	14	350	80000 - 120000	8050 - 8100
16S	16	400	100000 - 160000	7500 - 12600
20S	20	500	200000 - 320000	15150 - 24200
24S	24	600	300000 - 475000	22750 - 36000

Head range per stage (ft)	Head range per stage (metre)	Speed (rpm)	Allowable Stage	Max. HP Per Stage
15 - 8	4.6 - 2.44	2880	30	0.285
10 - 5	3.05 - 1.52	1440	30	0.85
35 - 20	10.7 - 6.1	2880	10	2.40
15 - 8	4.57 - 2.44	1440	30	0.77
50 - 29	15.25 - 8.8	2830	10	6.16
17 - 11	5.20 - 3.35	1440	18	1.45
23 - 10	7.00 - 3.05	1440	14	2.10
25 - 10	7.6 - 3.05	1440	13	5.80
38 - 20	11.6 - 6.1	1440	8	11.42
48 - 28	14.65 - 8.75	1440	6	25.70
65 - 25	19.85 - 7.64	1440	5	40.20
90 - 48	27.4 - 14.65	1440	2	150.20
124 - 60	37.8 - 24.4	1440	2	251.50

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VERTICAL SINGLE STAGE PUMP - KVC / KVS SERIES

Specifications		
Power Range	:	1.1 kW - 132 kW
Speed	:	2900 & 1450 rpm
Head Range	:	9 - 83 m
Flow Capacity	:	8 - 630 m^3 /h
Outlet Size	:	32 - 250 mm
Liquid Temperature	:	-15°C to 110°C
Permissible Pressure	:	12 Bar / 16 Bar
Sealing	:	Mechanical seal
Ambient Temperature	:	40°C



Applications : Heating & Cooling, Industrial Processes, Air Conditioning Pressure Boosting, Industrial Water Supply

Features : High Operating Efficiency, Dynamically Balanced rotating parts, Balanced and Rigid Construction, Optional High-efficiency motors - IE3 /IE2, Top pull-out design ensure easy dismantling & service, Improved corrosion resistance ED coated Components &Pumps with built in frequency converter.

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INDUCTION MOTOR

INDUCTION MOTOR - KIM SERIES

Specifications		
Power Range (EFF2)	: 0.37 kW - 2.2 kW	IE 1 : 0.37 kW - 315 kW
		IE 2 : 0.75 kW - 315 kW
Frequency	: 50 Hz	50 Hz
Voltage	: 230 V / 1PH	380 / 415 V 380 V / 3PH
Speed : 2 Pole Speed : 4 Pole	: 2800 : 1400	2800 1400
Starting Method	: 0.37kW-0.55kW:PSC : 0.75kW-2.2kW:CSCR	D.O.L / Star Delta
Mounting standard	: Foot & Face mounting	Foot, Face & Flange mounting
Protection	: IP 54 / IP 55	IP 54 / IP 55
Insulation class	: F	F
Duty	: Continuous (S1)	Continuous (S1)
Max. Ambient Temperature : 50°C		50°C

Applications : Machines, Conveyor system, Pumps, Presses,Fans, Mill, Crushers, Grinders, Equipment and for various other applications.

Features : High efficient, Minimal power consumption, Very low Noise, Specially designed cooling fan & stator fins for easy heat dissipation & Designed for S1 Continuous duty Operations.



SEWAGE
& DRINAGE

WASTE WATER PUMPS
- KGA, KGB SERIES



Specifications		
Power range	:	upto 50 kW
Speed	:	2900 / 1440 rpm
Versions	:	3Ph, 380V / 415V - 50Hz
Type of Duty	:	S1 (Continuous)
Degree of Protection	:	IP 68
Insulation Class	:	F
Impeller Type	:	Strategic Blade Vortex
		Curved blade Vortex
		Grinder Vortex
Motor Type	:	Dry (Rewindable)
pH Value	:	6 to 10
Head Maximum	:	65 m
Maximum Flow	:	216 m^3 /h
Solid Handling Capacity	:	upto 100 mm
Maximum Liquid Temperature	:	40°C
Delivery Size	:	21/2", 3", 4", 6", 8" & 10"

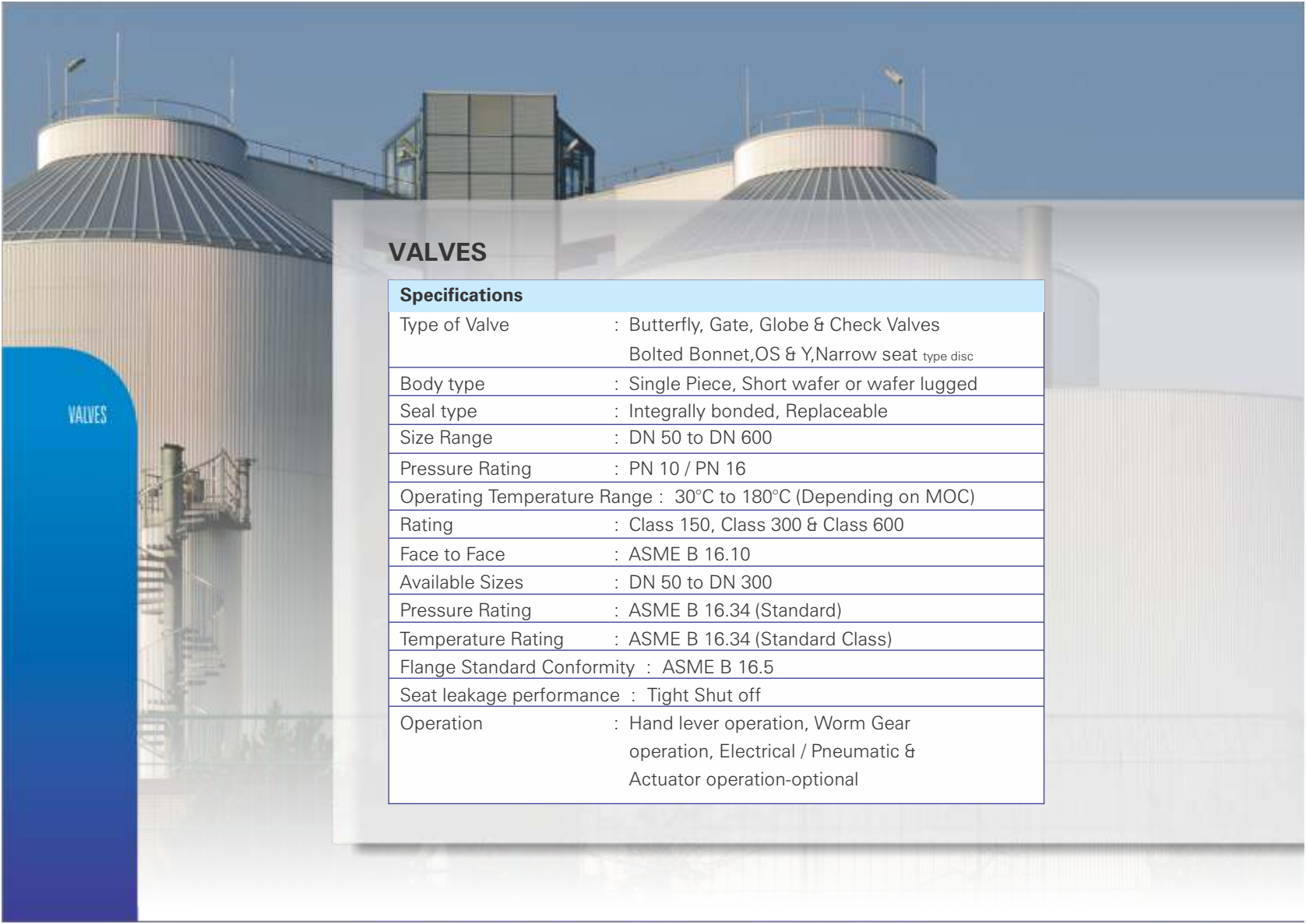
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SEWAGE
& DRINAGE

Applications : Pumping waste water in industries, Pumping sewage water from Stock farms & manhole sewer, Pumping municipal sewage water, Draining sewage water from hotels, houses, commercial buildings, complexes etc. Sewage treatment plants, Leather factories, Septic tank, Tunnels and mines.

Features : Heavy duty bearings, Inbuilt capacitor for specific models in 1PH, Double mechanical seal, Seal various material option, Most reliable and hard wearing, Tailor - made designs, Multipurpose applications & Easy and cost effective seviceability.





VALVES

VALVES

Specifications		
Type of Valve	:	Butterfly, Gate, Globe & Check Valves Bolted Bonnet,OS & Y,Narrow seat type disc
Body type	:	Single Piece, Short wafer or wafer lugged
Seal type	:	Integrally bonded, Replaceable
Size Range	:	DN 50 to DN 600
Pressure Rating	:	PN 10 / PN 16
Operating Temperature Range	:	30°C to 180°C (Depending on MOC)
Rating	:	Class 150, Class 300 & Class 600
Face to Face	:	ASME B 16.10
Available Sizes	:	DN 50 to DN 300
Pressure Rating	:	ASME B 16.34 (Standard)
Temperature Rating	:	ASME B 16.34 (Standard Class)
Flange Standard Conformity	:	ASME B 16.5
Seat leakage performance	:	Tight Shut off
Operation	:	Hand lever operation, Worm Gear operation, Electrical / Pneumatic & Actuator operation-optional

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Applications : Process industries, Pipe line systems, Construction Industries, Pharmaceutical, Power plants, Petro chemical & fertilizer industries, Fluid distribution systems, Water treatment plants Refineries,

KH & KV

HORIZONTAL & VERTICAL MULTISTAGE PUMPS KH & KV – SERIES

Specifications		
Flow Range	:	KH 2.5 - 12 m^3/h | KV 1 - 90 m^3/h
Head Range	:	55 – 320m
Power Range	:	KH 0.4 - 3.50kW | KV 0.37 - 45kW
Liquid Temperature	:	-15˚C to 120˚C
Supply Voltage	:	1 Phase - 220V | 3 Phase - 380V / 415V



Applications : Apartments, Hotels, HVAC, Industries, Water Plant, Pressure Boosting System

Features : Highly Efficient, Corrosion free parts for hygiene

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STAINLESS STEEL SUBMERSIBLE PUMPS 4"/6"/8"/10" KS - SERIES

Specifications		
Frequency	:	50 hz / 60 hz
Flow Range	:	0.40 – 280 m^3/h / 0.3-1083gpm
Head Range	:	4 – 620m / 7-2220 ft
Liquid Temperature	:	0˚C to 38˚C
Delivery Size in mm	:	32, 40, 50, 65, 80, 100, 125 & 150

Applications : Irrigation, Fountains, Pressure booster systems, Building & Office, Industrial water Supply, Construction, Coal Bed Methane.

Features : Highly efficient, additional bearings support for higher stages special pump for CBM applications, Easily serviceable

SUBMERSIBLE PUMP

SUBMERSIBLE
PUMP



THERMOPLASTIC SUBMERSIBLE PUMPS 4" KP & KV - SERIES

Specifications	
Frequency	: 50 hz / 60 hz
Flow Range	: 0.40 – 24 m^3/h / 2-125 gpm
Head Range	: 4 – 270m / 18 - 998 ft
Liquid Temperature	: 0˚C to 38˚C
Delivery Size in mm	: 32, 40 & 50

Applications : Irrigation, Fountains, Building & Office, Pressure booster systems, Industrial water Supply, Construction.

Features : Highly efficient, good sand resistance capacity, easily serviceable

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CAST IRON SUBMERSIBLE PUMPS 6"/8" KC - SERIES

Specifications		
Frequency	:	50 hz
Flow Range	:	27 – 160 m^3/h
Head Range	:	2 – 375m
Liquid Temperature	:	0˚C to 38˚C
Delivery Size in mm	:	32, 40, 50, 65, 80, 100, 125 & 150

Applications : Irrigation

Features : Highly efficient, integral check valve, easily serviceable

SUBMERSIBLE PUMP

SUBMERSIBLE
PUMP



SOLAR
SUBMERSIBLE PUMPS

Specifications		
Frequency	:	50 hz
Flow Range	:	1.4 – 130 m^3/h
Head Range	:	10 – 200m
Liquid Temperature	:	38˚C
Delivery Size in mm	:	25, 32, 50,
Power Range	:	80W – 1000W

Applications : Live Stock, Agriculture, Recreational, Residential Application

Features : High Efficiency, Optimal design, Dynamically balanced rotating parts.

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WATER FILLED / RESIN FILLED / OIL FILLED SUBMERSIBLE MOTORS
4"/6"/8"/10" KW, KR & KL– SERIES

Specifications		
Frequency	:	50Hz & 60Hz
Power Range	:	0.37 – 220kW
Mounting Standard	:	NEMA
Liquid Temperature	:	38˚C
Class of Insulation	:	"Y" / "F"
Supply Voltage	:	1 Phase – 115/220V - 50 Hz 3 Phase – 220V / 380V / 460V / 525V - 50Hz

Applications : Public & Industrial water supply,
Fire Fighting equipment's, Agricultural lands, Sprinkler Systems
Features : Highly reliable, Efficiency, High quality shaft seal

SUBMERSIBLE MOTOR



OPEN WELL

OPEN WELL SUBMERSIBLE PUMPS KOH/KOV – SERIES

Specifications		
Frequency	:	50 hz
Flow Range	:	10 - 215 m^3/h
Power Range	:	KOH Series : 0.37 - 18.5kW KOV Series : 0.55 - 45kW
Head Range	:	Upto 300m
Supply Voltage	:	1 Phase - 220V 3 Phase - 380V / 415V

Applications : Agriculture, Residences & Buildings.

Features : High Efficiency, Easily Serviceable.

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CENTRIFUGAL MONOBLOCK PUMPS KM – SERIES



Specifications		
Frequency	:	50 hz
Flow Range	:	0.2 – 120m^3/h
Power Range	:	0.37 – 15kW
Outlet size	:	1"x1", 1¼" x 1" 1½" x 1½", 2"x1½", 2"x2", 2½"x2", 3"x2½", 3"x3", 4"x4", 4"x3"

Applications : Fountains, Irrigations, Laboratories

Features : High Efficiency, Easily Serviceable

OPEN WELL/
MONOBLOCK

PERIPHERAL PUMPS
KPE / KPS– SERIES

Specifications		
Frequency	:	50 hz
Flow Range	:	0.12 – 0.80lps
Power Range	:	0.37 – 0.75kW
Outlet size	:	1”x1”
Supply Voltage	:	1Phase – 220V

Applications : Automobile washing, Gardening, Domestic water supply

Features : High Efficiency, Easily Serviceable.





CONTROL BOX
CONTROL PANELS

Specifications	
Frequency	: 50 hz
Power Range	: 1 Phase – 220V : 0.37 - 2.2 kW 3 Phase – 380V / 415V : 0.37 - 220 kW
Types	: Electromechanical, Electronic,Semiconductor
Model	: Direct on line (DOL), Star Delta (SD), Auto Transformer Starter (ATS), Impedance Starter, Soft Starter (SS), Variable Speed Drive (VFD)

Applications : Agriculture, HVAC, Industry, Mining & Construction
Features : Incorporated with Surge arrestors. Electronic Pump Protection relay Protects against dry running. Quick tripping in phase failure. Protects against Voltage fluctuations. Short circuit Protection Semi-automatic & Fully automatic.



uPVC PIPES
ELITE, ELEGANT, ELEGANT+, GRAND, EON & EON+

Specifications		
Pipe Type:		
Elite	:	70 - 125 m
Elegant	:	90 - 150 m
Elegant+	:	100 - 210 m
Grand	:	150 - 300 m
Eon	:	260 - 350 m
Eon+	:	Upto 350 m
Nominal Diameter	:	25, 32, 40, 50, 65, 80, 100 & 125 in mm

Applications : Narrow bore wells, Agriculture
Features : Anti corrosive, No bacterial growth, Lightweight & long life span, No electrolytic deposition, No rust formation, Easy installations



SUBMERSIBLE CABLES

Specifications
PVC /Rubber
3Core / 4 Core
Flat / Round
Sizes in sq.mm : 1.5, 2.5, 4, 6, 10, 16, 25, 35, 50, 70 & 95 SQ MM.

Applications :
Irrigation, Mining & Dewatering
Features : High grade PVC / rubber sheath. Withstand high voltage fluctuation,
Operating Temperature: -20°C to +75°C

VISION

To always stay on the cutting edge of pump and other accessories manufacture, with special emphasis on industrial pumps, to ensure that customers across the globe enjoy the benefits of our efforts to provide world class products.

MISSION

By embracing technology coupled with innovative thinking, we will meet customer expectations for high performance products with affordability as a key factor. We seek to do it by staying open to the latest developments in the field, by being proactive and optimistic and through teamwork, resourcefulness and commitment.

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ACNAL INDUSTRIES PRIVATE LIMITED
No.43, Sundareshwara Nagar, Nalla Thanneer Thottam, Sivananda Mills Road, Vilankurichi, Coimbatore - 641 035, India.
Ph : +91 84894 22000. Email : sales@genvikpumps.com Website : www.genvikpumps.com

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