

Cutter blade / cutter Plate: Made of AISI 440C

APPLICATIONS

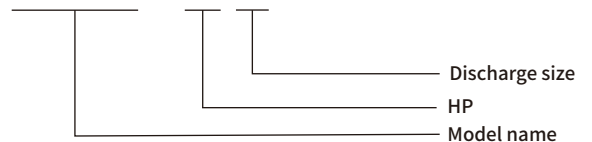
- Sewage water
- Drainage of wastewater from individual residences, small apartment buildings.
- Domestic and small residential complex pumping of sewage water. Particularly useful when pumping through small diameter pipes and whenever high pressure is needed.

FEATURES

- 1 1/4" discharge with PT inner thread
- EKK Eagle Burgmann double mechanical seal CA/CE & SIC/SIC
- Stainless Steel motor housing
- Direct connect to pipe with horizontal discharge with inner thread

MODEL DESCRIPTION

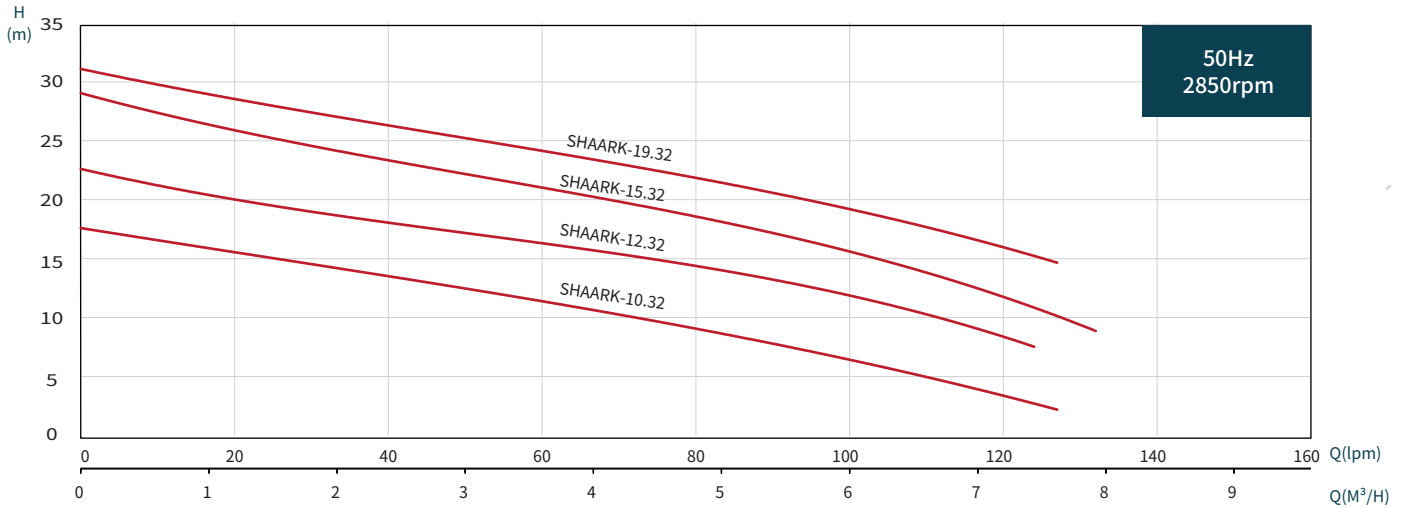
SHAARK - 12.32



OPERATING CONDITIONS

Liquid temperature	0~40°C (32~104°F)
Submersible depth	10M
Frequency	50Hz
Pole	2 Pole
Motor type	Dry Type
Insulation class	Class F
Protection	IP 68
Protector	Thermal protection Resettable Amps. Protection
Bearing	Ball Type
Mechanical seal	Double Mechanical Seal
Impeller	Semi-Open Impeller

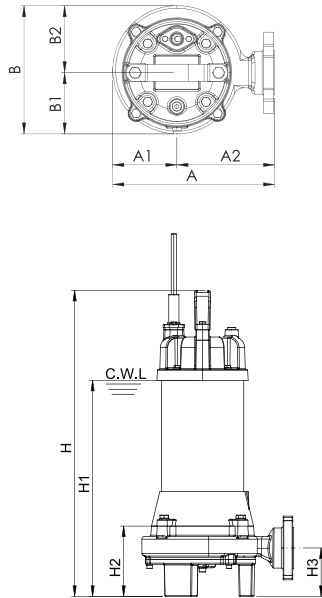
PERFORMANCE CURVES



PERFORMANCE

MODEL	OUTPUT		DISCHARGE Inch	Q(lpm) Q(m³/h)	0	20	40	60	80	100	120
	HP	W			0.0	1.2	2.4	3.6	4.8	6.0	7.2
SHAARK-10.32	1	0.75	1-1/4"	H(m)	17.5	15.6	13.5	11.3	9	6.5	3.4
SHAARK-12.32	1.2	0.9	1-1/4"		23	20.6	18.3	16.3	14.4	12.3	8.7
SHAARK-15.32	1.5	1.1	1-1/4"		29	26	23.4	21	18.5	15.6	11.8
SHAARK-19.32	1.9	1.4	1-1/4"		35	32.8	28.8	26.3	24	21.7	19.3

DIMENSIONS(mm)



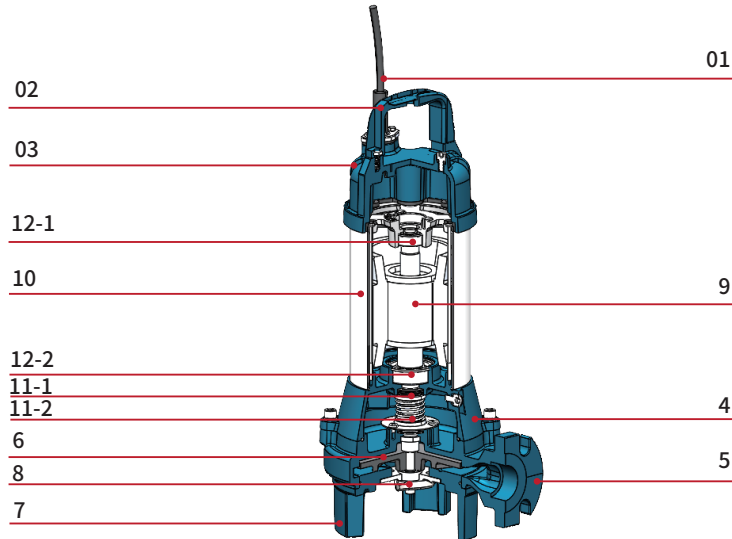
Type	A	A1	A2	B	B1	B2	H	H1	H2	H3
SHAARK-10.32	223.5	95	134.5	191	91	100	484	343	110	76.5
SHAARK-12.32	223.5	95	134.5	191	91	100	484	343	110	76.5
SHAARK-15.32	239.5	95	144.5	191	91	100	494	353	110	76.5
SHAARK-19.32	239.5	95	144.5	191	91	100	514	373	110	76.5

SPECIFICATIONS

Model	Output		Discharge	F.L.A.	Rated		Maximum		Weight (W/O Cable)
	HP	kW	Inch	1∅ 230V	Head m	Cap. lpm	Head m	Cap. lpm	kg
SHAARK-10.32	1	0.75	G 1-1/4"	5	10	70	17.5	130	22.9
SHAARK-12.32	1.2	0.9	G 1-1/4"	5.8	15	70	23	140	22.9
SHAARK-15.32	1.5	1.1	G 1-1/4"	8	15	100	29	140	24.2
SHAARK-19.32	1.9	1.4	G 1-1/4"	9	19	100	31	140	26

All pumps can be equipped with float switch upon request.

PARTS AND MATERIALS LIST



No.	PART	MATERIAL
1	Cable	H07RN-F
2	Handle	ASTM A36
3	Motor Cover	EN-GJL-200
4	Oil Chamber	EN-GJL-200
5	Pump Casing	EN-GJL-200
6	Impeller	EN-GJL-200
7	Suction Plate	EN-GJL-200
8	Cutter Set	AISI 440C
9	Shaft with Rotor	AISI 410
10	Motor Housung	AISI 304
11-1	Mechanical Seal	Upper:CA/CE
11-2		Lower:SIC/SIC
12-1	Upper Bearing	NTN/TPI
12-2	Lower Bearing	NTN/TPI

All technical information is subject to change without notice.