

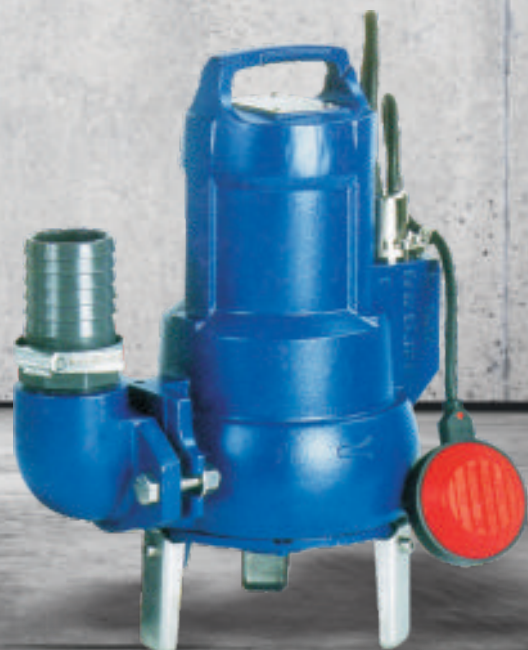
Ama[®] Drainer & Ama[®] Porter Vertical monobloc dewatering pumps

Applications :

- Lowering surface water level
- Transfer of water
- Agricultural pits
- Extraction of water from rivers & reservoirs
- Sprinklers in gardens
- Drainage of cellars / basin



Ama-Drainer 300 series



Ama Porter

Ama[®] Drainer & Ama[®] Porter

Vertical monobloc dewatering pumps

Features

- Vertical, monobloc submersible pumpsets.
- Free flow impellers. (See table for free passages)
- 1Ø and 3Ø motors with IP 68 protection, class 'F' insulation.
- 1 phase motor with built-in thermal overload protection and float switch.
- Bi-directional mechanical seal.
- Easy and less maintenance due to rigid construction.

Operating Data

	Ama Drainer	Ama Porter
Size	DN 32 mm	DN 50 mm
Capacity	Up to 230 lpm	Up to 480 lpm
Head	Up to 12 m	Up to 15 m
Motor Rating	1Ø - 0.5 kW	1Ø - 1.1 kW 3Ø - 1.5 kW
Operating Temp.	Up to 40°C	Up to 40°C

Material of construction

Ama Drainer

Pump casing - Polypropylene
Impeller - Noryl
Rotor shaft - Chrome Steel



Ama Porter

Pump casing - Cast Iron
Impeller - Cast Iron
Rotor shaft - Chrome Steel



Technical data and selection table

Ama Drainer

Performance Table for 2 pole, 50 Hz, Single phase 230 V

Model	Motor rating kW	Rated current A	Cable size mm ²	Weight kg.	Free passage mm	Total head in meters											
						1	2	3	4	5	6	7	8	9	10	11	12
						Capacity in LPM											
N 301 SE/NE	0.18	1.9	3 x 1	5.7	10	165	150	130	110	80	40	-	-	-	-	-	-
N 302 SE/NE	0.35	4	3 x 1	7.2	10	-	200	190	180	165	145	120	90	55	-	-	-
N 303 SE/NE	0.5	4.9	3 x 1	7.4	10	-	230	220	210	195	180	165	145	125	100	70	35

Ama Porter

Performance Table for 50 Hz, Single phase 220/240 V

Model	Motor rating kW	Rated current A	Cable size mm ²	Weight kg.	Free passage mm	Total head in meters												
						3	4	5	6	7	8	9	10	11	12	13	14	15
						Capacity in LPM												
501 SE	0.75	6	3 x 1	23	45	375	345	312	278	240	200	158	110	57	-	-	-	-
503 SE	1.1	8	3 x 1	23	41	-	482	457	428	398	368	333	297	257	217	165	115	63

Performance Table for 50 Hz, Three phase 400 V

Model	Motor rating kW	Rated current A	Cable size mm ²	Weight kg.	Free passage mm	Total head in meters												
						3	4	5	6	7	8	9	10	11	12	13	14	15
						Capacity in LPM												
501 ND	0.75	2.8	4 x 1	23	45	375	345	312	278	240	200	158	110	57	-	-	-	-
503 ND	1.5	3.5	4 x 1	23	41	-	482	457	428	398	368	333	297	257	217	165	115	63



KSB Pumps Limited

Mumbai-Pune Road, Pimpri, Pune - 411 018. India.

Tel.: +91 20 2710 1000 Fax : +91 20 2742 6000 www.ksbindia.co.in