XMN SERIES

Single impeller centrifugal pump

XMN B



Materials

- Motor body and pump body: Stainless steel AISI 304
- Technopolymer flanges
- Shaft: Stainless steel AISI 420
- Diffuser and impeller: Noryl
- Rear cap: Polypropylene
- Basis: Stainless steel AISI 304
- Dumping feet: Rubber
- Mechanical seal: Graphite / ceramic
- Oil chamber on the mechanical seal
- A2 Stainless steel bolts
- NBR70 O-ring
- H07RN8-F Electric cable 10m length with Schuko plug
- Class F insulated motors

XMN SD



Materials

- Motor body and pump body: Stainless steel AISI 304
- Brass flanges
- Shaft: Stainless steel AISI 420
- Diffuser and impeller: Noryl
- Rear cap: Stainless steel AISI 304
- Basis: Stainless steel AISI 304
- Mechanical seal: Graphite / ceramic
- Oil chamber on the mechanical seal
- A2 Stainless steel bolts
- NBR70 O-ring
- H07RN8-F Electric cable 10m length with Schuko plug
- Class F insulated motors

Description

Up/Down technology for submersed, surface or underground installation.
Automatic system of water supply and dry-running protection.
Antiblocking system every 72 hours of pump inactivity
Protection rating IP 68.

Applications

- Medium sprinkling and surface irrigations
- Tank drainage and transfers

Pumped liquid:
Clean water with no abrasive or suspended solids
Liquid temperature +2°C ÷ +40°C
Air temperature max +45°C
Depth max 5 m



Technopolymer impeller for all models



Technopolymer motor supports for models XMN B



Special technopolymer motor supports for SD models

XMN SERIES

MAN MONO

Code	P_2 Nom.		1 ~ 50Hz Amp.	Cap µF	Q (lt/m) Flow						Dimensions mm							Wgt. Kg
	Hp	kW	230 V		0	20	40	60	80	100	A	N	H	H1	N1	DNM	DNA	
					Total Hm in CA													
XMN80B	0,8	0,60	4,8	16	21	16	14	15	8	3	396	200	226	163	136	1"¼	1"	12

MAN THR

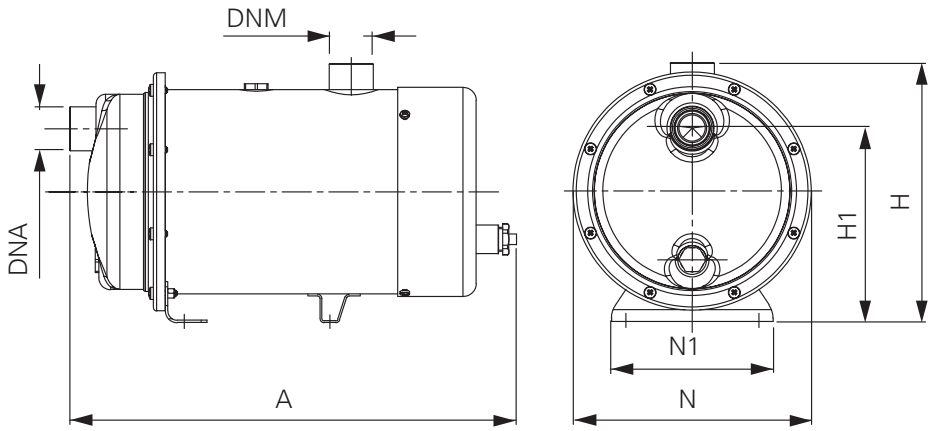
Code	P_2 Nom.		3 ~ 50Hz Amp.		Q (lt/m) Flow						Dimensions mm							Wgt. Kg
	Hp	kW	230 V	400 V	0	20	40	60	80	100	A	N	H	H1	N1	DNM	DNA	
					Total Hm in CA													
XMN80BT	0,8	0,60	2,4	1,6	21	16	14	15	8	3	396	200	226	163	136	1"¼	1"	12

MAN MONO

Code	P_2 Nom.		1 ~ 50Hz Amp.	Cap µF	Q (lt/m) Flow						Dimensions mm							Wgt. Kg
	Hp	kW	230 V		0	20	40	60	80	100	A	N	H	H1	N1	DNM	DNA	
					Total Hm in CA													
XMN80SD	0,8	0,60	4,8	16	21	16	14	15	8	3	396	200	226	163	136	1"¼	1"	12

MAN THR

Code	P_2 Nom.		3 ~ 50Hz Amp.		Q (lt/m) Flow						Dimensions mm							Wgt. Kg
	Hp	kW	230 V	400 V	0	20	40	60	80	100	A	N	H	H1	N1	DNM	DNA	
					Total Hm in CA													
XMN80TSD	0,8	0,60	2,4	1,6	21	16	14	15	8	3	396	200	226	163	136	1"¼	1"	12



Curves and performance η = 2900 1/min

