

# STEELPUMPS

## E V O L U T I O N

### X-MV HF Series

Self priming high flow vertical multi stage centrifugal jet pump with or without electronic pressure control, single or 3 phase.

#### PLUS

UP/Down technology for submerged, surface or underground installation.

Protection rating IP 68.

Automatic version includes pressure control, anti-blocking system and dry run protection with automatic restart.

#### MATERIALS

Motor body: Aisi 304

Pump body: Aisi 304

Rotor shaft: Aisi 420

Supporting flanges: Brass

Diffuser, Impeller and Venturi Jet: Noryl

Rear cap: Aisi 304

Basis: Aisi 304

Mechanical seal: Silicon Carbide

Mechanical seal lubricated by a special oil chamber

A2 Stainless steel bolts

NBR70 O-ring

H07RN-F Electric cable 10m length with 3-Pin UK plug

Tropicalized circuit board in compliance with the RoHS directive

#### ELECTRICAL FEATURES

Code	P2 Nom.		3~ 50Hz Amps		1~ 50Hz Amps	Cap. $\mu$ F
	KW	HP	230V	400V	230V	
X-MV 100 HF	0.75	1	3	2	7.2	18
X-MV 120 HF	0.9	1.2	3.3	2.5	7.6	20
X-MV 150 HF	1.1	1.5	3.9	3	8.9	20
Class F insulated motor			S1 Motor Service Factor			

#### HYDRAULIC FEATURES

Code	Stages	Q (l/m) FLOW							
		0	20	40	60	80	100	120	150
		H HYDRAULIC HEAD (m)							
X-MV 100 HF	2	23	22	19	17	14	11	8	4
X-MV 120 HF	3	33	31	28	25	21	17	13	6
X-MV 150 HF	4	42	39	36	33	30	26	21	11

#### CHARACTERISTICS AND INSTALLATION

Drained Liquid	Clean Water
Liquid temperature range	+2°C to +37°C
Air temperature	max +45°C
Maximum depth	5m
Calibrating pressure rate switch	1.5 bar

#### DIMENSIONS AND WEIGHTS

Code	Measurement (mm unless indicated)							Weight Kg
	A	N	H	H1	N1	DNM	DNA	
X-MV 100 HF	570	210	394	38	112	1"¼	1"¼	17
X-MV 120 HF	570	210	394	38	112	1"¼	1"¼	18
X-MV 150 HF	570	210	394	38	112	1"¼	1"¼	19



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