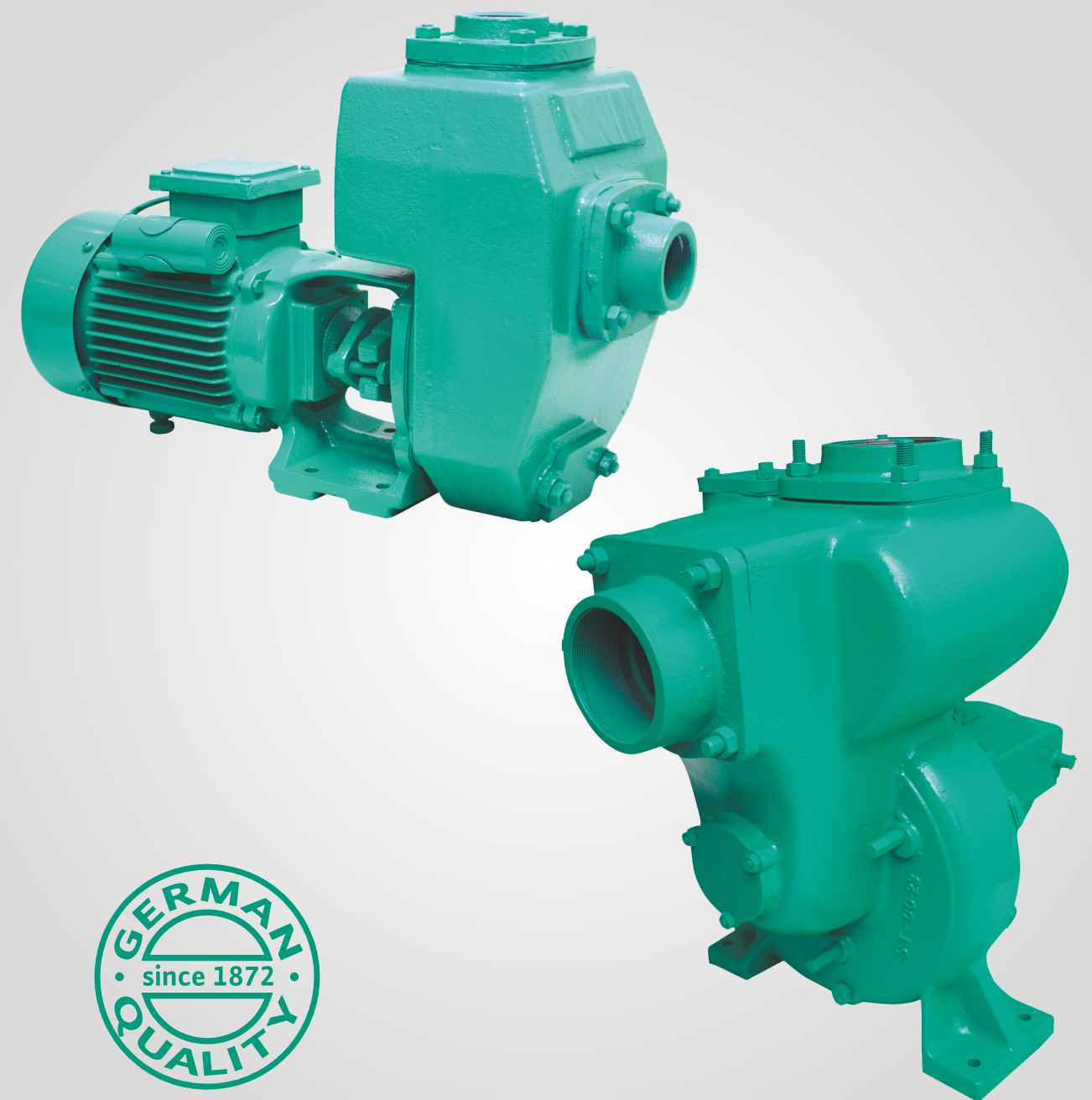


MNC

Self-priming Non-Clog pump & pumpset

SB_WPO Maxima (1 Ph)_03_A4_080915_E



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MNC
Self-priming Non-Clog pump & pumpset



Technical Data:

Flow: upto 4200 LPM
Head: upto 34 m
Power: upto 18.5kW (25hp)
Voltage: 220 V (Single phase)
415 V (Three phase)

Material of construction:

Casing : Cast Iron
Impeller : Cast Iron/Bronze
Sealing : Gland pack/ Mech. seal

Application:

- De-watering from trenches, pits, basements
- Godowns, multistory, shopping malls
- Hospitals, hotels
- Sewage pumping, rain water, flooding and mud transfer

Standard Features:

- Self priming and back pull out design for easy maintenance
- Non clog and semi open impeller enables to handle solids up to 40 mm
- Non asbestos PTFE gland packing along with stuffing box arrangement
- Motors are with high operating efficiency and suitable for wide voltage fluctuations
- Replaceable wearing parts and rewind able motor.
- Stator and rotors are coated with rust proof solution for better corrosion resistance.

Selection Table – Three Phase Monobloc

Pump Model	Article No.	Power Rating		Pipe Size (mm)		Total Head (m)																		Solid Size mm	Imp. Ø dia. mm	Dir. of Rotation	
		kW	hp	Suction	Delivery	6	8	10	12	14	15	16	18	19	20	22	24	25	26	28	30	32	34				
MNC011M-CI/ MS*	8000191	0.75	1	40	40	Discharge in LPM	330	300	266	228	162	138	86											7	116	ACW	
MNC011M-CI/MS	8032436	0.75	1	40	40		330	300	266	228	162	138	86											7	116	ACW	
MNC022M-CI/GP	8004164	1.5	2	40	40				408	372	318	295	268	200	160	120								8.5	134	ACW	
MNC022M-CI/MS	8126164	1.5	2	40	40				408	372	318	295	268	200	160	120								8.5	134	ACW	
MNC022M-SS1/GP	8168371	1.5	2	40	40				408	372	318	295	268	200	160	120								8.5	134	ACW	
MNC033M-CI/GP	8032447	2.2	3	50	50				564	540	516	474	444	378	342	306	216	126	60					10.5	144.3	ACW	
MNC033M-CI/MS	8126165	2.2	3	50	50				564	540	516	474	444	378	342	306	216	126	60					10.5	144.3	ACW	
MNC033M-SS1/GP	8168372	2.2	3	50	50				564	540	516	474	444	378	342	306	216	126	60					10.5	144.3	ACW	
MNC055M-CI/GP	8032448	3.7	5	80	80			1100	1032	935	827	758	684	523	399	276								15.5	224	CW	
MNC055M-CI/MS	8172727	3.7	5	80	80			1100	1032	935	827	758	684	523	399	276								15.5	224	CW	
MNC055M-SS1/GP	8168373	3.7	5	80	80			1100	1032	935	827	758	684	523	399	276								15.5	224	CW	
MNC056M-CI/GP	8032449	3.7	5	80	80											532	502	456	428	409	342	295	209	133	7	174	ACW
MNC056M-CI/MS	8172349	3.7	5	80	80											532	502	456	428	409	342	295	209	133	7	174	ACW
MNC056M-SS1/GP	8168290	3.7	5	80	80											532	502	456	428	409	342	295	209	133	7	174	ACW
MNC077M-CI/GP	8032450	5.5	7.5	80	80											846	831	817	798	770	678	570	439	291	14.5	174	ACW
MNC077M-CI/MS	8172729	5.5	7.5	80	80											846	831	817	798	770	678	570	439	291	14.5	174	ACW
MNC077M-SS1/GP	8172728	5.5	7.5	80	80											846	831	817	798	770	678	570	439	291	14.5	174	ACW

*Single phase

ACW – Anti-clockwise
CW – Clockwise

Selection Table – Three Phase Motor Coupled

Pump Model	Article No	Motor Rating		Rated Speed	Pipe Size (mm)		Total Head (m)												Solid Size	Imp. Ø dia.	Dir. of Rotation		
		kW	hp		RPM	Suction	Delivery	10	12	14	15	16	18	19	20	22	24	25				26	28
MNC1010-CI/GP	8000183	7.5	10	1450	100	100	Discharge in LPM	1900	1890	1740	1580	1425	1265	1100	950	790	630	475	18	292	CW		
MNC1212-CI/GP	8000184	9.3	12.5	1450	100	100		2280	2107	1945	1780	1620	1460	1300	1135	970	810	650	490	325	23	292	CW
MNC2020-CI/GP	8000185	15	20	1450	150	150		3753	3490	3220	2950	2680	2410	2140	1870	1600	1330			34	296	ACW	
MNC2525-CI/GP	8000186	18.5	25	1450	150	150		4218	3925	3645	3365	3080	2800	2525	2245	1960	1685	1400	1123	40	296	ACW	

CW –clockwise, ACW – Anti-clockwise

Conversion Table: 1m = 3.281 ft and 1 m³/hr = 16.67 LPM = 3.67 GPM
The above performance is based on mean supply voltage of 220V/415V at 50 Hz and subject to change due to continuous R&D.