

## HORIZONTAL MULTISTAGE CENTRIFUGAL PUMP

CMWA Series



### FEATURES

- Stainless steel horizontal multistage close-coupled centrifugal pump.
- Axial inlet port, radial outlet port.
- Excellent corrosion resistance by stainless-steel casing and impeller.
- Robust and Compact design.
- Low noise, high reliability, wide performance range.
- Designed for Continuous Operation.
- MEI  $\geq$  0.4 (regulation EU N.547/2012)

### APPLICATIONS

- Pressurizing system
- Irrigation
- Drinking and glycol water
- Water treatment
- Heating and air conditioning
- Washing system

### MATERIALS OF CONSTRUCTION

- Pump Body Casing: Stainless Steel, AISI 304
- Impeller: Stainless Steel, AISI 304
- Diffuser: Stainless Steel, AISI 304
- Shaft: Stainless Steel, AISI 303
- Motor bracket: Aluminum
- Mechanical Seal: SiC-graphite-EPDM, ceramic-graphite-EPDM, SiC-SiC-EPDM

### MOTOR

- Totally Enclosed Fan Cooled induction.
- Inbuilt thermal overload protection for single phase pump upto 1.85kW
- Degree of protection: IPX4, Insulation Class: F
- Suitable for power supply: AC, 50Hz, single Phase (230V)/Three phase(400v)

### OPERATING LIMITS

- Maximum working pressure: 8.5 bar
- Minimum & Maximum Liquid temperature: -15 to +110°C.
- Maximum Ambient Temperature: Up to +40° C.
- Service/Duty type: **S1** (Continuous)

### APPLICABLE DESIGN STANDARDS

- IEC 60335, IEC 60334, CEI 2-3, CEI 61-69

### CERTIFICATIONS

- ISO 9001:2015
- ISO 14001:2015



**PERFORMANCE RANGE**

SERIES	POWER (P2)	Q	m3/h	0	1.8	4.8	8.4	9.6	13.2
	kW		l/min	0	30	80	140	160	220
CMWA3	0.37 to 1.1	Range		X	X	X			
CMWA5	0.51 to 1.5			X	X	X	X		
CMWA7	0.75 to 2.57			X	X	X	X		
CMWA9	0.75 to 1.85			X	X	X	X	X	
CMWA18	1.5 to 3			X	X	X	X	X	X