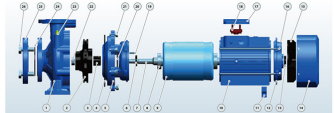


Same Port Centrifugal Pump

This centrifugal pump features the same nominal diameter (DN) design for easy integration with existing piping. It is suitable for use with clean water and liquids that are not chemically aggressive towards the pump's materials.

MATERIAL DESCRIPTION / DESCRIÇÃO DE MATERIAIS

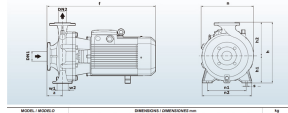


No.	Description / Descrição	Material	No.	Description / Descrição	Material	No.	Description / Descrição	Material
1	Frame / Estrutura	Cast Iron	10	Impeller / Impulsor	Aluminum	21	Impeller Pin / Pino do Impulsor	Steel
2	Motor / Motor	Aluminum	11	Shaft / Eixo	Aluminum	22	Shaft Pin / Pino do Eixo	Aluminum
3	Motor Base / Base do Motor	Aluminum	12	Back Cover / Capa traseira	Aluminum	23	Back Cover Pin / Pino da Capa traseira	Steel
4	Motor Mounting Feet / Pés de Montagem do Motor	Aluminum	13	Front Cover / Capa frontal	Aluminum	24	Front Cover Pin / Pino da Capa frontal	Steel
5	Motor Mounting Feet / Pés de Montagem do Motor	Aluminum	14	Motor Mounting Feet / Pés de Montagem do Motor	Aluminum			
6	Motor Mounting Feet / Pés de Montagem do Motor	Aluminum	15	Motor Mounting Feet / Pés de Montagem do Motor	Aluminum			
7	Motor Mounting Feet / Pés de Montagem do Motor	Aluminum	16	Motor Mounting Feet / Pés de Montagem do Motor	Aluminum			
8	Motor Mounting Feet / Pés de Montagem do Motor	Aluminum	17	Motor Mounting Feet / Pés de Montagem do Motor	Aluminum			
9	Motor Mounting Feet / Pés de Montagem do Motor	Aluminum	18	Motor Mounting Feet / Pés de Montagem do Motor	Aluminum			
10	Motor Mounting Feet / Pés de Montagem do Motor	Aluminum	19	Motor Mounting Feet / Pés de Montagem do Motor	Aluminum			
11	Motor Mounting Feet / Pés de Montagem do Motor	Aluminum	20	Motor Mounting Feet / Pés de Montagem do Motor	Aluminum			
12	Motor Mounting Feet / Pés de Montagem do Motor	Aluminum	21	Motor Mounting Feet / Pés de Montagem do Motor	Aluminum			
13	Motor Mounting Feet / Pés de Montagem do Motor	Aluminum	22	Motor Mounting Feet / Pés de Montagem do Motor	Aluminum			
14	Motor Mounting Feet / Pés de Montagem do Motor	Aluminum	23	Motor Mounting Feet / Pés de Montagem do Motor	Aluminum			
15	Motor Mounting Feet / Pés de Montagem do Motor	Aluminum	24	Motor Mounting Feet / Pés de Montagem do Motor	Aluminum			

ADDITIONAL IMAGES

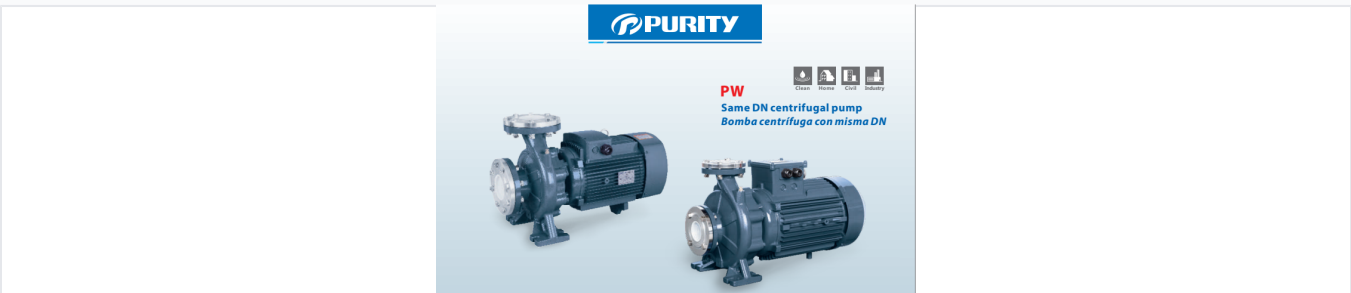


DIMENSIONS AND WEIGHT / DIMENSÕES E PESOS



Model	Weight (kg)	Height (mm)	Width (mm)	Depth (mm)	Flange Dia (mm)	Flange Thickness (mm)	Flange Bolt Dia (mm)	Flange Bolt Spacing (mm)	Flange Bolt Qty
100-150	150	150	150	150	150	150	150	150	150
150-200	200	200	200	200	200	200	200	200	200
200-250	250	250	250	250	250	250	250	250	250
250-300	300	300	300	300	300	300	300	300	300
300-350	350	350	350	350	350	350	350	350	350
350-400	400	400	400	400	400	400	400	400	400
400-450	450	450	450	450	450	450	450	450	450
450-500	500	500	500	500	500	500	500	500	500
500-550	550	550	550	550	550	550	550	550	550
550-600	600	600	600	600	600	600	600	600	600
600-650	650	650	650	650	650	650	650	650	650
650-700	700	700	700	700	700	700	700	700	700
700-750	750	750	750	750	750	750	750	750	750
750-800	800	800	800	800	800	800	800	800	800
800-850	850	850	850	850	850	850	850	850	850
850-900	900	900	900	900	900	900	900	900	900
900-950	950	950	950	950	950	950	950	950	950
950-1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Product Overview



Patented same-port design for efficient installation

High-Efficiency Centrifugal Pump

This advanced centrifugal pump features a patented same-port design for seamless integration into existing piping systems. Engineered with a high-efficiency motor and corrosion-resistant components, it is suitable for clean water applications in industrial, agricultural, and commercial sectors. The pump supports versatile usage including water supply, pressure boosting, firefighting sets, and HVAC circulation.

Operational Limits

Duty Cycle	
Continuous (S1)	
Liquid Temperature	-10°C to +120°C
Max Ambient Temperature	50 °C
Max Working Pressure	16 bar

Construction & Materials

Key Materials

- Pump Case: Anti-corrosive coated cast iron
- Impeller: AISI 304 Stainless Steel or Cast Iron
- Shaft: AISI 304 Stainless Steel or galvanized iron
- Seal: Wear-resistant mechanical seal
- Bearing: Quality NSK bearing

Motor Specifications

Motor Performance

55 YE3

Efficiency Class

55 IP

Protection Rating

Motor Design

Square Motor, Round Motor

Applications

Suitable Applications

Water Supply, Pressure Boosting, Firefighting Sets, Irrigation, HVAC Circulation, Industrial Cooling