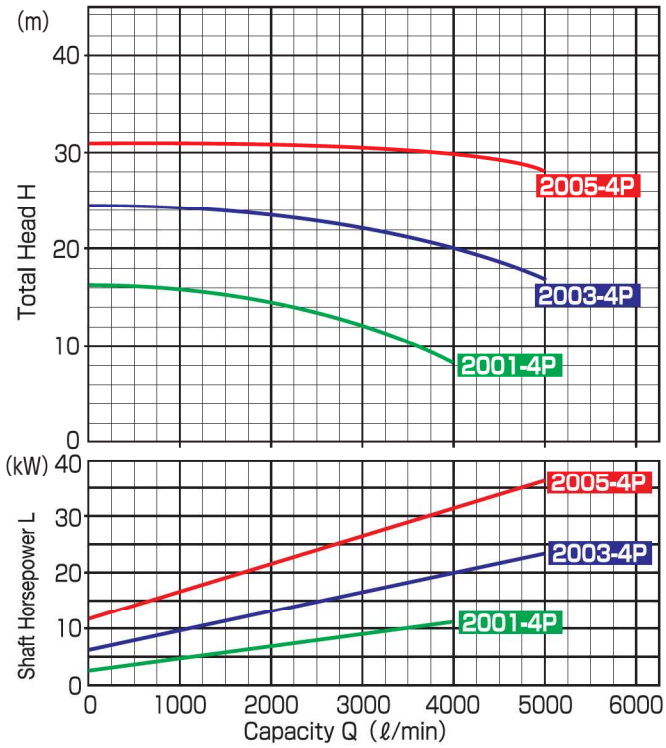
MTA-200 Series (Suction 200A×Discharge 150A)

Pump Specifications

- Operating Temperature 0~90℃
- Rotation Direction Clockwise (viewed from the motor)
- Flange JIS 10K RF (Please consult us about ANSI/DIN standard.)
- Finish Paint Munsell 2.5B4/8(pump body)
- Motor IEC flanged induction motor
- Accessories Base & Foundation bolts (M16×200L×63b)

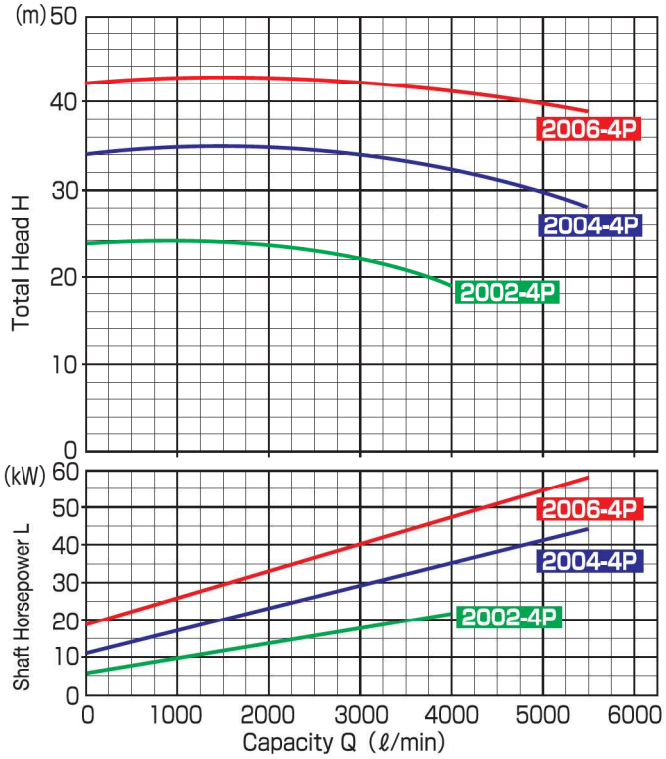
50Hz Performance Curve & Technical Data



Model	Capacity (ℓ/min)	Total Head (m)	NPSH Re (m)	Motor Output (kW)
MTA-2001-4P	3000	12	3.3	11~45
MTA-2003-4P	4000	20	3.5	
MTA-2005-4P		30		

Note: NPSH Re values shown in the table are those obtained from the maximum suction pipe diameter.

60Hz Performance Curve & Technical Data



Model	Capacity (ℓ/min)	Total Head (m)	NPSH Re (m)	Motor Output (kW)
MTA-2002-4P	3600	20	4.0	11~55
MTA-2004-4P	4800	30	4.8	
MTA-2006-4P		40		

Note: NPSH Re values shown in the table are those obtained from the maximum suction pipe diameter.

Pump Identification

MTA-200 ❶ 1 ❷ P ❸ 15 ❹ E ❺ A ❻ 4 ❼ Z ❽ ❾

❶ Model ❷ Suction Pipe Size

❸ Model Number Please refer to Performance Curve

❹ Gasket Material P : PTFE (Jacketed)
Z : Other

❺ Motor Output 15:11kW 20:15kW 25:18.5kW 30:22kW
40:30kW 50:37kW 60:45kW 75:55kW

❻ Pump Body Material

Type	Casing	Impeller+Inner Magnet	Rear Casing
E	ETFE		C-PVDF

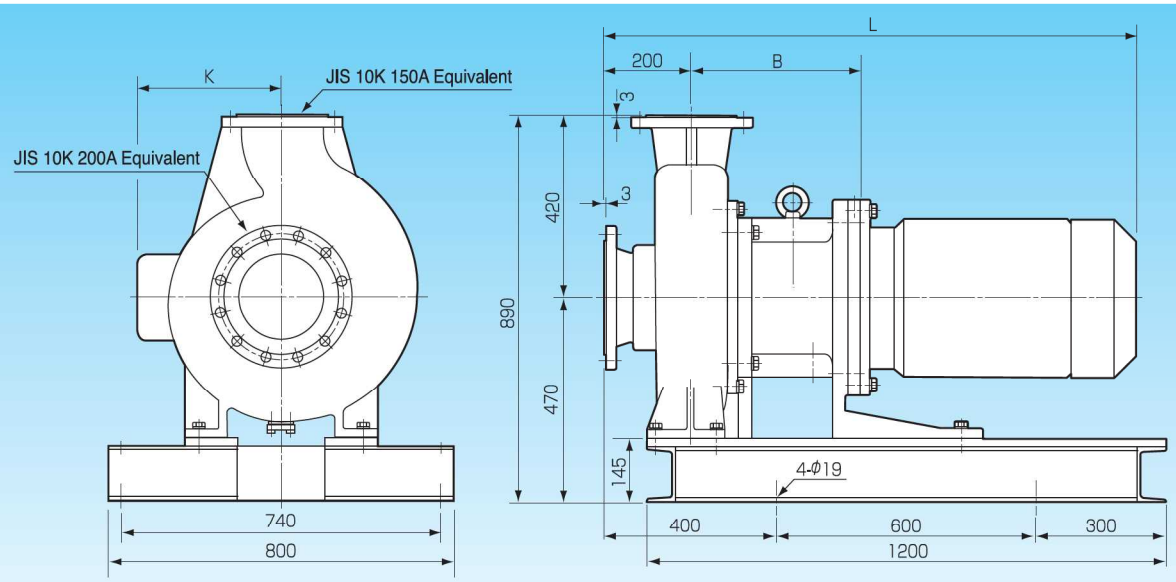
❼ Parts Material Combination

Type	Shaft	Front & Rear Thrust Rings	Mouth Ring & Bearing
A	Alumina-ceramic		C-PTFE
B	SiC		
E(Standard)	SiC		C-PTFE
G	Alumina-ceramic		G-PTFE
H	SiC		G-PTFE
Z	Other Combinations or Special Option		

❽ Number of Poles "4" is shown when a 4-pole motor is installed.
("6" is shown for 6-pole motors.)

❾ Custom Specifications "Z" is shown when non-standard parts are used.

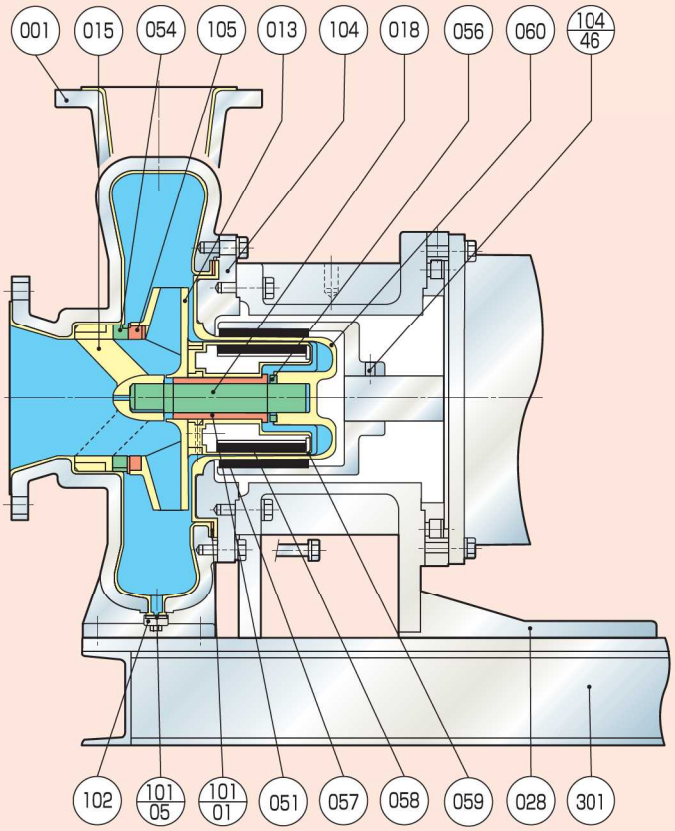
Dimensions



Motor Output (kW)	B	K	L	Weight (kg)
11 / 15	362	(265)	(1030)	(470)
18.5 / 22 / 30	362	(290)	(1060)	
37 / 45 / 55	392	(335)	(1230)	

Note: ① The weight of pump does not include the motor weight.
② The dimensions shown above are applicable when a totally-enclosed fan-cooled motor is used.
When using special motors (such as explosion-proof motors), please contact us.
③ The figures in parentheses are reference values.

Construction Diagram



No.	Part Name	Materials
001	Casing	FCD450＋ETFE
013	Impeller	ETFE
015	Shaft Support	ETFE
018	Shaft	Alumina-ceramic / SiC
028	Bracket	FC200
051	Bearing	C-PTFE / SiC / G-PTFE
054	Front Thrust Ring	Alumina-ceramic / SiC
056	Rear Thrust Ring	Alumina-ceramic / SiC
057	Outer Magnet	Rare Earth
058	Inner Magnet	Rare Earth
059	Magnet Lining	ETFE
060	Rear Casing	C-PVDF
101-01	Casing Gasket	PTFE（Jacketed）
101-05	Drain Gasket	PTFE（Jacketed）
102	Drain Flange	FC200
104	Rear Casing Plate	SS400
104-46	Outer Magnet Set Screw	SNCM
105	Mouth Ring	C-PTFE / SiC / G-PTFE
301	Base	SS400

Note: Inner Magnet (058) and Magnet Lining (059) are integrated and engaged with Impeller (013).