

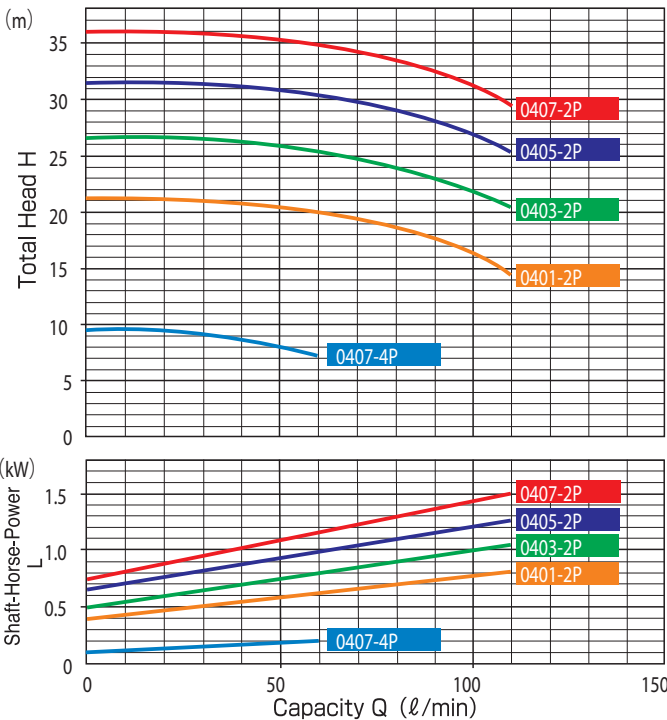
MEH-040 Series (Suction 40A×Discharge 20A)



Pump Specifications

- Operating Temperature 0~90℃
- Rotation Direction Clockwise (view from the motor)
- Flange JIS 10K RF (Please consult us about ANSI/DIN standard.)
- Finish Paint Munsell 2.5B4/8(pump body)
- Motor TEXEL Flanged Induction motor / IEC Flanged Induction motor
- Accessories Foundation bolts (M12×160L×50b)

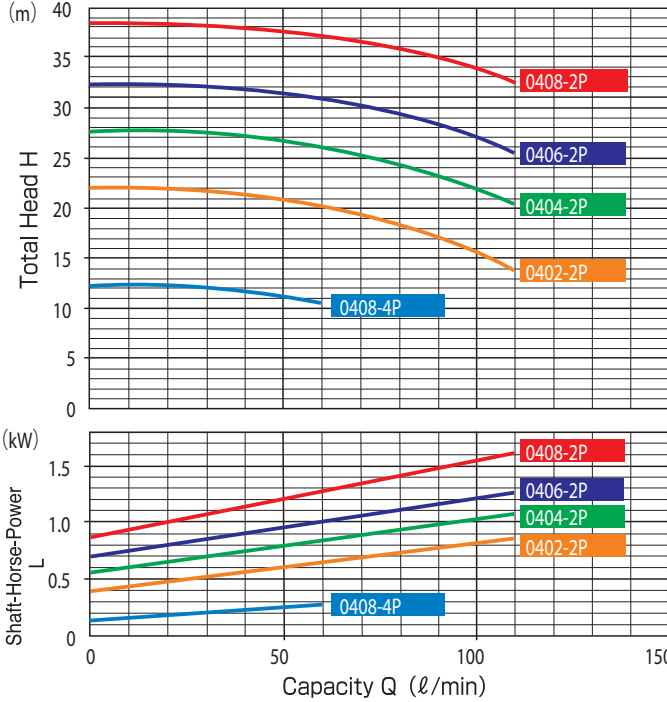
50Hz Capacity Range & Technical Data



Model	Capacity (ℓ/min)	Total Head (m)	NPSH Re (m)	Motor Output (kW)
MEH-0401-2P	50	20	2.2	0.75~3.7
MEH-0403-2P		25		
MEH-0405-2P		30		
MEH-0407-2P		35		
MEH-0407-4P	60	7	1.8	0.4~0.75

Note: ① Motor output of 0.4 kW (4-pole) is only applicable when a TEXEL flanged induction motor is used.
② Motor output of 3.7 kW is only applicable when an IEC flanged induction motor is used.
③ NPSH Re values shown in the table are those obtained from the maximum suction pipe diameter.

60Hz Capacity Range & Technical Data



Model	Capacity (ℓ/min)	Total Head (m)	NPSH Re (m)	Motor Output (kW)
MEH-0402-2P	50	20	2.6	0.75~3.7
MEH-0404-2P		25		
MEH-0406-2P		30		
MEH-0408-2P		35		
MEH-0408-4P	60	10	2.0	0.4~0.75

Note: ① Motor output of 0.4 kW (4-pole) is only applicable when a TEXEL flanged induction motor is used.
② Motor output of 3.7 kW is only applicable when an IEC flanged induction motor is used.
③ NPSH Re values shown in the table are those obtained from the maximum suction pipe diameter.

Pump Identification

MEH-040 1 F 01 P S A 4

- ① Model
- ② Suction Size
- ③ Model Number Please refer to Performance Curve
- ④ O-ring material F : FPM E : EPDM Z : Other
- ⑤ Motor Output 00 : 0.4kW 01 : 0.75kW 02 : 1.5kW 03 : 2.2kW 05 : 3.7kW

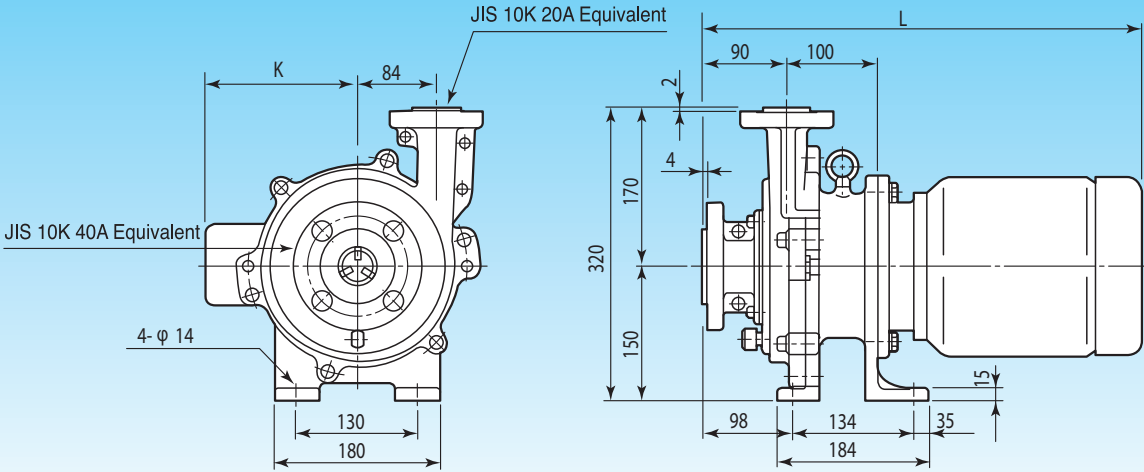
Type	Casing	Impeller+Inner Magnet	Drain	Rear Casing
P		PVDF		C-PVDF
H	PVDF	ETFE	PVDF	C-PVDF
E		ETFE		C-ETFE
Z	Other Combinations or Special Option			

- ⑦ Motor Type S : TEFC/outdoor Texel motor A : Safety-proof (eG3) Texel motor T : IEC standard explosion-proof (d2G4) motor C : Other
- ⑧ Parts Material Combination

Type	Shaft	Front Thrust Ring	Rear Thrust Ring	Mouth Ring	Bearing
A(Standard)		Al・Ceramic		C-PTFE	
B		SiC (Please consult us about 0401~0404.)			
E		SiC		C-PTFE	
F		Al・Ceramic		Carbon	
G		Al・Ceramic		G-PTFE	
Z		Other Combinations or Special Option			

- ⑨ Number of Pole "4" is shown only when a 4-pole motor is installed.

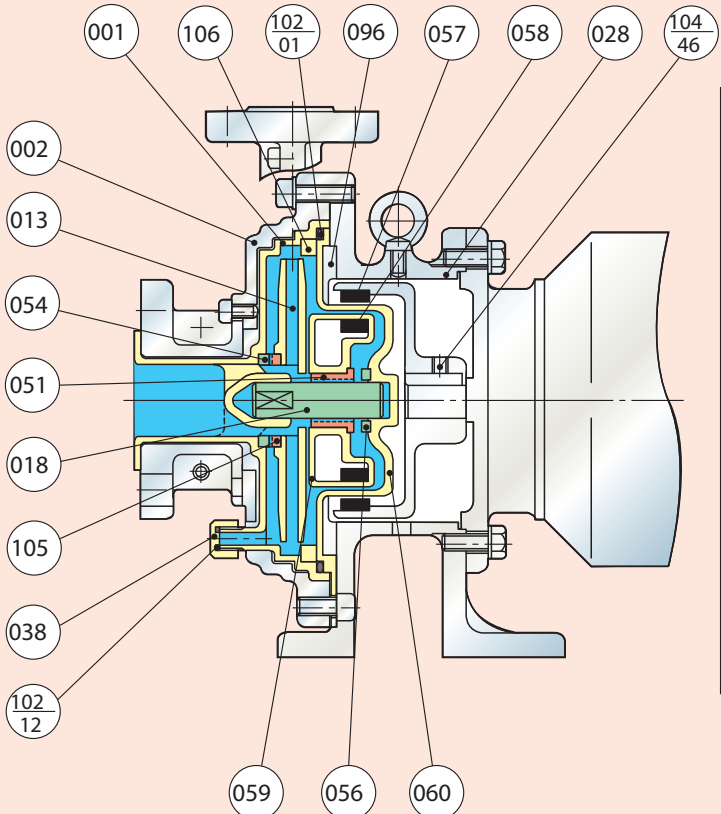
Dimensions



Motor Output (kW)	TEFC		eG3		Weight (kg)
	K	L	K	L	
0.4	147	415	150	424	(25)
0.75	157	447	159	460	
1.5			168	473	
2.2	153	475	176	541	

Note:
① The weight of pump does not include the motor weight.
② The dimensions shown above are applicable when a TEXEL flanged induction motor is used.
③ The figures in parentheses are reference values.
④ Please consult us when you use 3.7kW IEC flanged motor.

Construction Diagram



No.	Part Name	Materials
001	Casing	PVDF/ETFE
002	Casing cover	FC200
013	Impeller	PVDF/ETFE
018	Shaft	Alumina-ceramic / SiC
028	Bracket	FC200
038	Drain plug	PVDF/ETFE
051	Bearing	C-PTFE/SiC/Cabon/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	PVDF/ETFE
060	Rear Casing	C-PVDF/C-ETFE
096	Bracket ring	SS400
102-01	O-ring(casing)	FPM/EPDM
102-12	O-ring(drain plug)	FPM/EPDM
104-46	Outer magnet set screw	SNCM
105	Mouth Ring	C-PTFE/SiC/Cabon/G-PTFE
106	Casing ring	PVDF/ETFE

Note: Impeller has a linear channel form.
Inner Magnet (058), Magnet Lining (059), and Impeller (013) are integrated.