

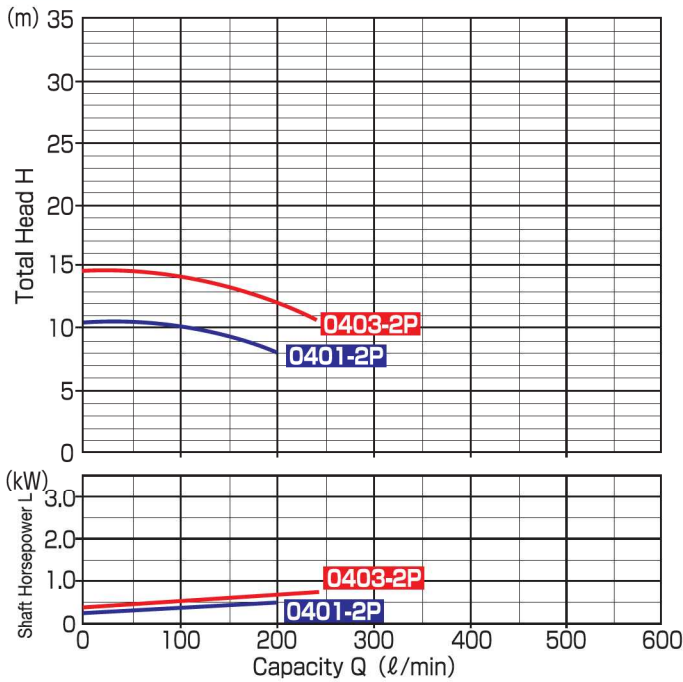
# MEP-040 Series (Suction 40A × Discharge 40A)



## Pump Specifications

- Operating Temperature 0~80℃
- Rotation Direction Clockwise (viewed from the motor)
- Flange JIS 10K FF (Please consult us about ANSI/DIN standard.)
- Finish Paint Munsell 2.5B4/8(pump body)
- Motor IEC flanged induction motor
- Accessories Foundation bolts (M10×125L×40b)

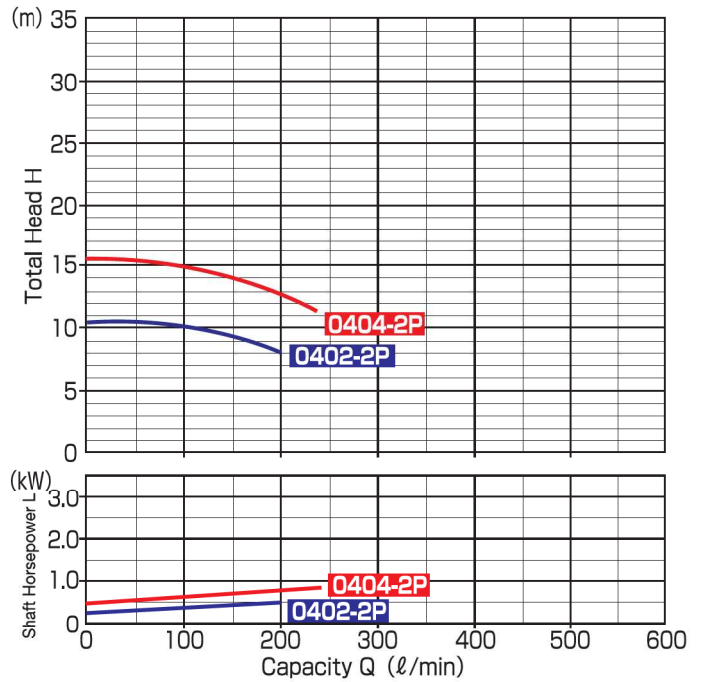
### 50Hz Performance Curve & Technical Data



Model	Capacity (ℓ/min)	Total Head (m)	NPSH Re (m)	Motor Output (kW)
MEP-0401-2P	100	10	1.2	0.4
MEP-0403-2P		14		0.75

Note: NPSH Re value shown in the table is that 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)
MEP-0402-2P	100	10	1.8	0.4
MEP-0404-2P		15		0.75

Note: NPSH Re value shown in the table is that obtained from the maximum suction pipe diameter.

## Pump Identification

**MEP-040 1 F 00 A F F N 1**

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Model
- ② Suction Pipe 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
- ⑥ Pump Body Material

Type	Casing	Impeller+Inner Magnet	Drain	Rear Casing
A	G-PP	G-PP+PP	PP	G-PP

- ⑦ Parts Material Combination

Type	Shaft	Front Thrust Ring	Rear Thrust Ring	Mouth Ring	Bearing
A	Alumina-ceramic			C-PTFE	
F(Standard)	Alumina-ceramic			Carbon	
Z	Other Combinations or Special Option				

- ⑧ Classification of Flange (Piping Connection Method)

F: Flange Type N: Screw-in Type

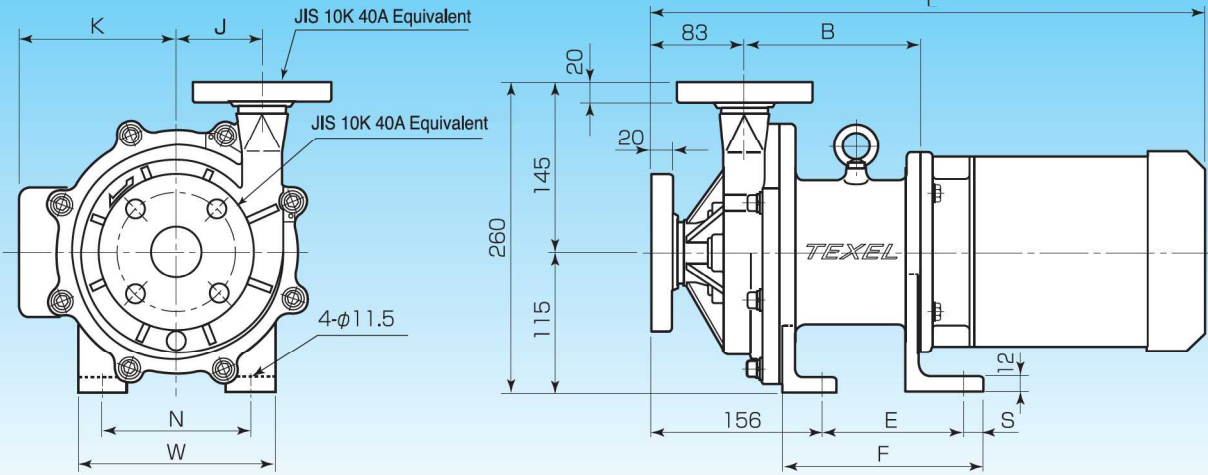
- ⑨ With or Without a Drain

N: Without a Drain D: With a Drain

- ⑩ Classification of Impeller Diameter

Seikow will determine it.

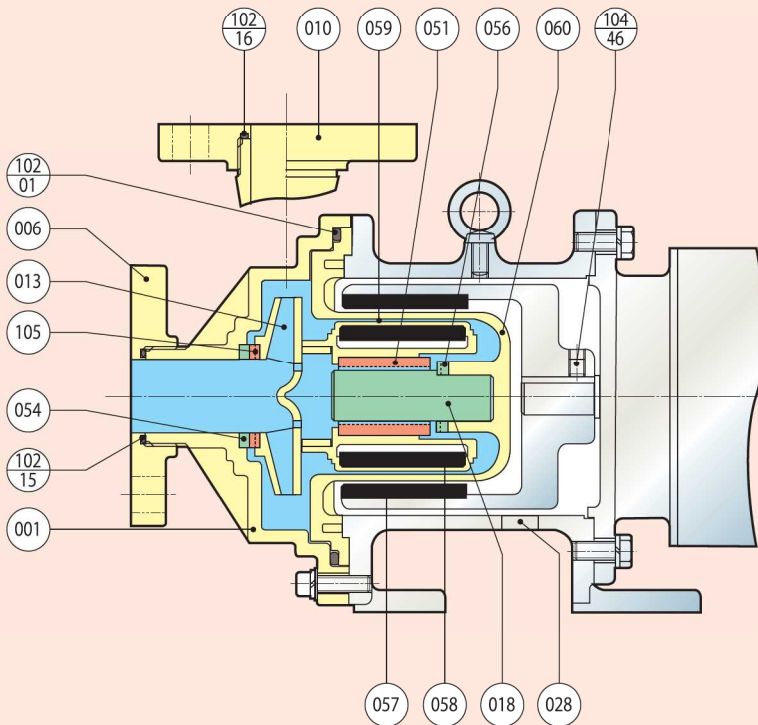
Dimensions



Motor Output	B	E	F	J	K	L	N	S	W	Weight (kg)
0.4kW	158	111	161	57	(150)	(480)	110	15	150	(11)
0.75kW	168	134	189	63		(500)	130	20	180	

Note: ① The figures in parentheses are reference values.  
 ② The weight of pump does not include the motor weight.  
 ③ A 0.4-kW motor is installed on models MEP-0401 and MEP-0402.  
 A 0.75-kW motor is installed on models MEP-0403 and MEP-0404.

Construction Diagram



No.	Part Name	Materials
001	Casing	G-PP
006	Suction Flange	G-PP
010	Discharge Flange	G-PP
013	Impeller	G-PP
018	Shaft	Alumina-ceramic
028	Bracket	FC200
051	Bearing	Carbon/C-PTFE
054	Front Thrust Ring	Alumina-ceramic
056	Rear Thrust Ring	Alumina-ceramic
057	Outer Magnet	Ferrite
058	Inner Magnet	Ferrite
059	Magnet Lining	PP
060	Rear Casing	G-PP
102-01	O-ring(Casing)	FPM/EPDM
102-15	O-ring(Suction Flange)	FPM/EPDM
102-16	O-ring(Discharge Flange)	FPM/EPDM
104-46	Outer Magnet Set Screw	SNCM
105	Mouth Ring	Carbon/C-PTFE

Note: A 0.4-kW motor is not equipped with eyebolts.  
 Inner Magnet (058) and Magnet Lining (059) are integrated and engaged with Impeller (013).