

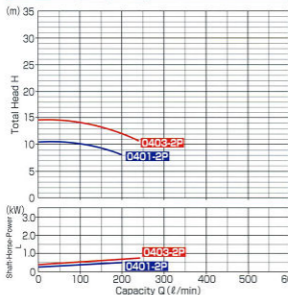
MEP-040 Series (Suction 40A×Discharge 40A)



Pump Specifications

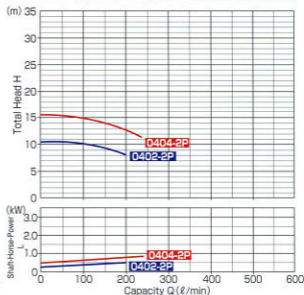
- Operating Temperature 0~80℃
- Rotation Direction Clockwise (view from the motor)
- Flange JIS 10K FF (Please consult us about ANSI/DIN standard.)
- Finish Paint Munsell 2.5B4/8(pump body)
- Motor IEC Flanged Induction motor
- Accessories Foundation bolts (M10×125L×40b)

50Hz Capacity Range & 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

60Hz Capacity Range & 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

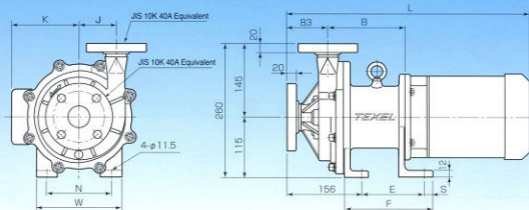
Pump Identification

MEP-040 4 F 01 A F F N 1
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Model
- ② Suction Size
- ③ Model Number Please refer to Performance Curve
- ④ 0-ring material F : FPM E : EPDM Z : Other
- ⑤ Motor Output 00 : 0.4kW 01 : 0.75kW
- ⑥ Pump Body Material A : G-PP / PP
- ⑦ Parts Material Combination
- ⑧ Classification of Flange (Piping Connection Method)
 F : Flange type N : Screw Type
- ⑨ With Drain / Without Drain
 N : Without the Drain D : With the Drain
- ⑩ Classification of impeller diameter
 Seikow will arrange it

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

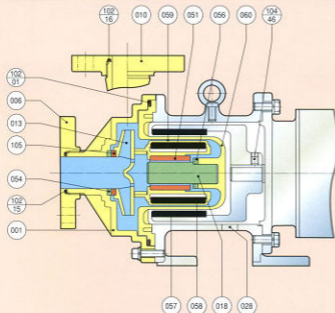
Dimensions



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 In indicates (shows) a numeral of parenthesis is reference value.
 ② The weight of pump is not included motor weight.

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 : 0.4kW does not have eyebolt on the bracket.

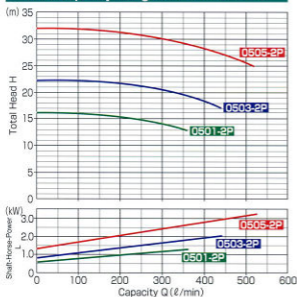
MEP-050 Series (Suction 50A×Discharge 40A)



Pump Specifications

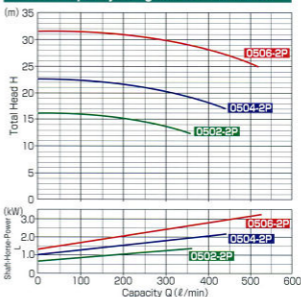
- Operating Temperature 0~80°C
- Rotation Direction Clockwise (view from the motor)
- Flange JIS 10K FF (Please consult us about ANSI/DIN standard.)
- Finish Paint Munsell 2.5B4/8(pump body)
- Motor IEC Flanged Induction motor
- Accessories Foundation bolts (M10×125L×40b)

50Hz Capacity Range & Technical Data



Model	Capacity (ℓ/min)	Total Head (m)	NPSH Re (m)	Motor Output (kW)
MEP-0501-2P	200	15	2.2	1.5~3.7
MEP-0502-2P	300	20	3.1	
MEP-0505-2P	400	28	4.2	

60Hz Capacity Range & Technical Data



Model	Capacity (ℓ/min)	Total Head (m)	NPSH Re (m)	Motor Output (kW)
MEP-0502-2P	200	15	2.8	1.5~3.7
MEP-0504-2P	300	20	3.8	
MEP-0506-2P	400	28	4.8	

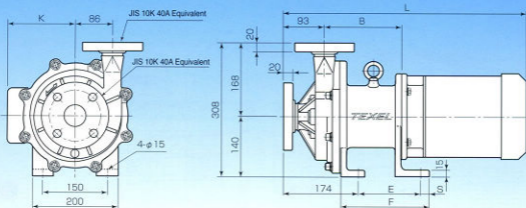
Pump Identification

MEP-050 4 F 01 A F F N 1

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

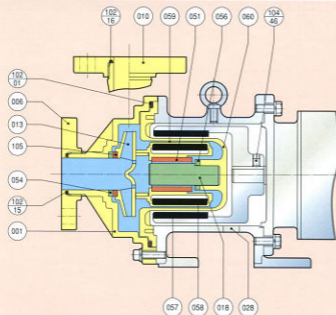
- ① Model ② Suction Size
- ③ Model Number Please refer to Performance Curve
- ④ O-ring material F : FPM E : EPDM Z : Other
- ⑤ Motor Output 02 : 1.5kW 03 : 2.2kW 05 : 3.7kW
- ⑥ Pump Body Material A : G-PP / PP
- ⑦ Parts Material Combination
- ⑧ Classification of Flange (Piping Connection Method)
F : Flange type N : Screw Type
- ⑨ With Drain / Without Drain
N : Without the Drain D : With the Drain
- ⑩ Classification of impeller diameter
Seikow will arrange it

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

Dimensions


Motor Output	B	E	F	K	L	S	Weight (kg)
1.5kW	180	146	206	(160)	(570)	20	(19)
2.2kW							
3.7kW	190	187	254	(180)	(630)	27	

- Note : ① In indicates (shows) a numeral of parenthesis is reference value.
 ② The weight of pump is not included motor weight.
 ③ Please refer to dimensional of 3.7kW in case of using 2.2kW (eG3).

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 / Rare Earth
058	Inner Magnet	Ferrite / Rare Earth
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 : Material of Inner Magnet / Outer Magnet
 ① Only 1.5kW is provided for Ferrite Material.
 ② Only 2.2kW / 3.7kW is provided for Rare Earth Material.