

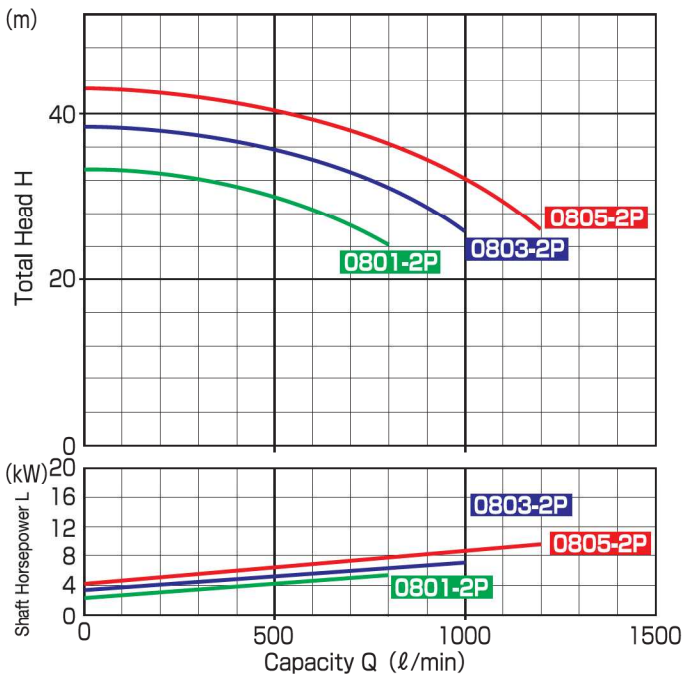
MEP-080 Series (Suction 80A × Discharge 65A)



Pump Specifications

- Operating Temperature 0~80°C
- 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 Foundation bolts (M12×160L×50b)

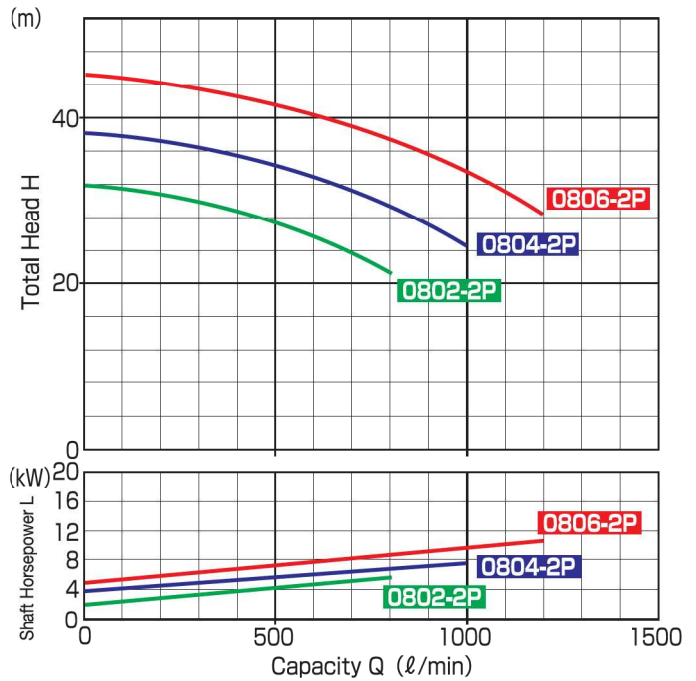
50Hz Performance Curve & Technical Data



Model	Capacity (ℓ/min)	Total Head (m)	NPSH Re (m)	Motor Output (kW)
MEP-0801	600	28	3.0	5.5
MEP-0803	800	30	4.0	7.5
MEP-0805	1040		5.4	11

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)
MEP-0802	600	25	3.2	5.5
MEP-0804	800	29	4.3	7.5
MEP-0808	1030	32	5.9	11

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

Pump Identification

MEP-080 1 F 07 A A 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 (FEPM)
- ⑤ Motor Output 07 : 5.5kW 10 : 7.5kW 15 : 11kW
- 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 (Standard)	
B	(SiC)				
C	(SiC)			Carbon	
E	(SiC)			C-PTFE	
F	Alumina-ceramic			Carbon	
Z	Other Combinations or Special Option				

⑧ Classification of Flange (Piping Connection Method)

F : Flange Type N : Screw-in Type

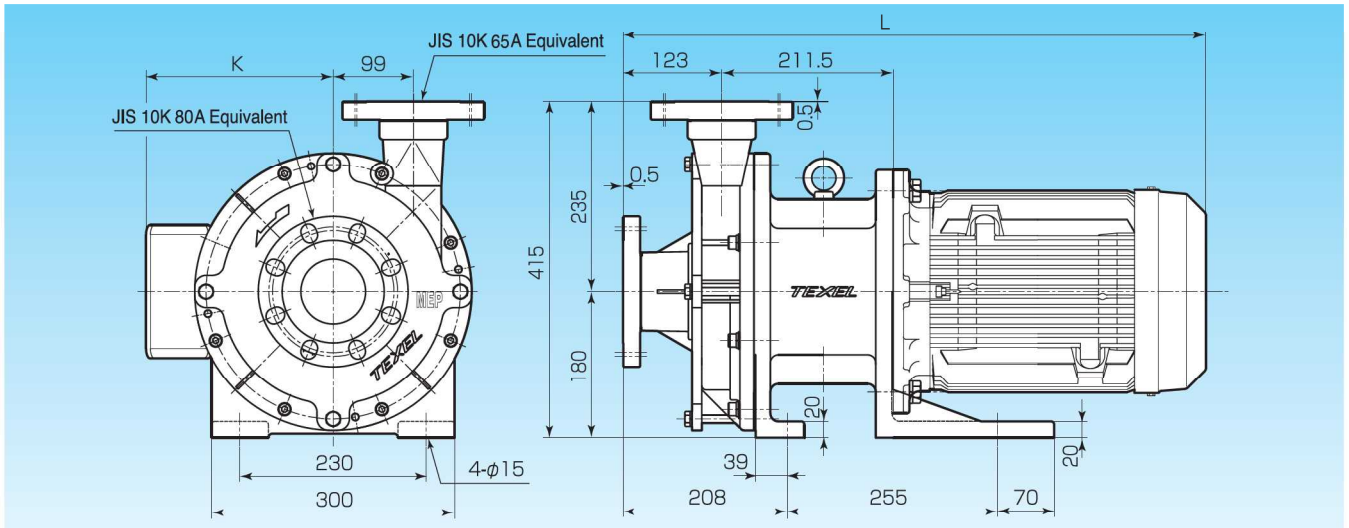
⑨ With or Without a Drain

N : Without a Drain D : With a Drain

⑩ Classification of Impeller Diameter

Seikow will determine it.

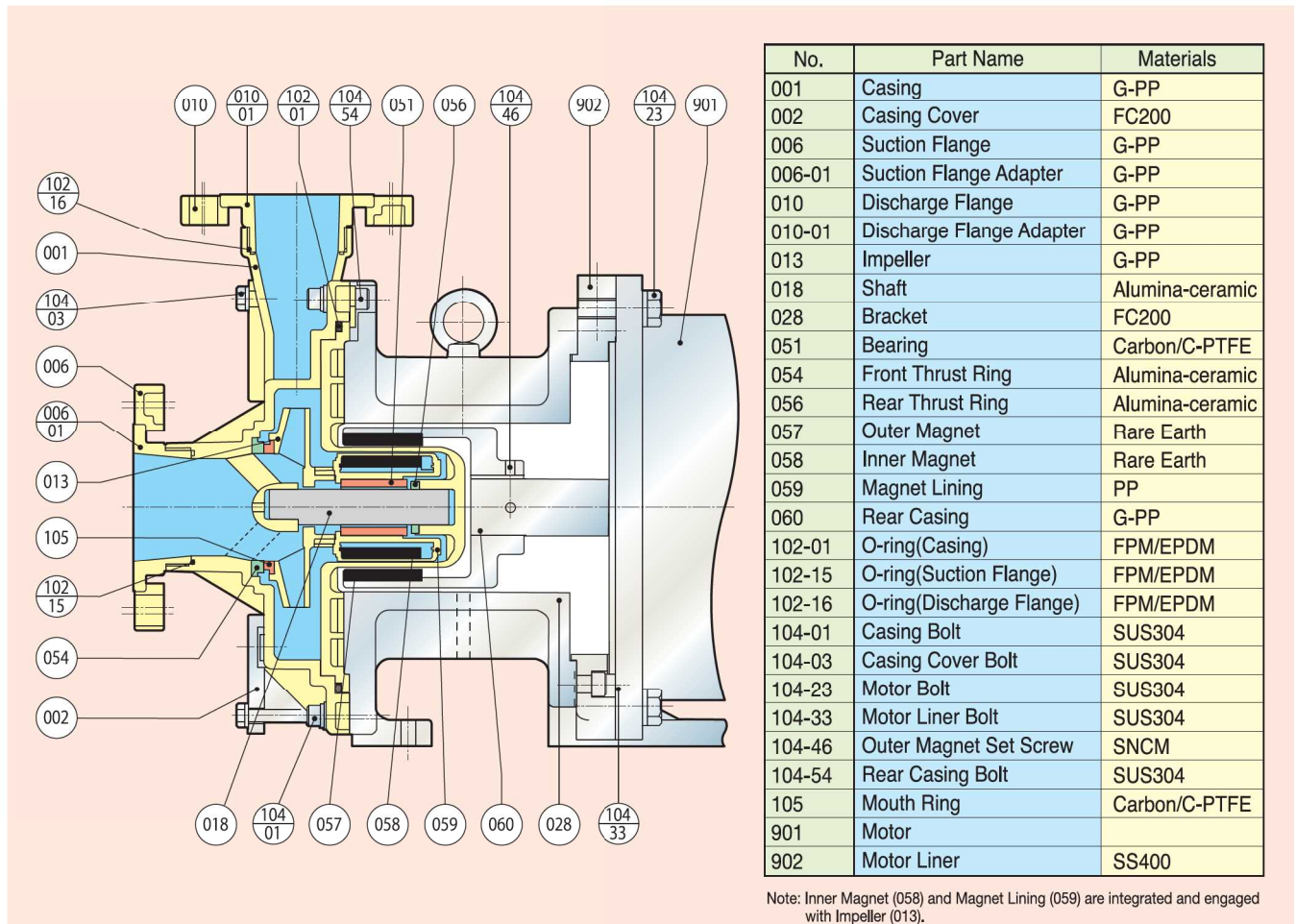
Dimensions



Motor Output	K	L	Weight (kg)
5.5kW	(231)	(720)	51
7.5kW			
11kW	(255)	(849.5)	

Note: ① The weight of pump does not include the motor weight.
 ② The figures in parentheses are reference values.

Construction Diagram



No.	Part Name	Materials
001	Casing	G-PP
002	Casing Cover	FC200
006	Suction Flange	G-PP
006-01	Suction Flange Adapter	G-PP
010	Discharge Flange	G-PP
010-01	Discharge Flange Adapter	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	Rare Earth
058	Inner Magnet	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
104-01	Casing Bolt	SUS304
104-03	Casing Cover Bolt	SUS304
104-23	Motor Bolt	SUS304
104-33	Motor Liner Bolt	SUS304
104-46	Outer Magnet Set Screw	SNCM
104-54	Rear Casing Bolt	SUS304
105	Mouth Ring	Carbon/C-PTFE
901	Motor	
902	Motor Liner	SS400

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