

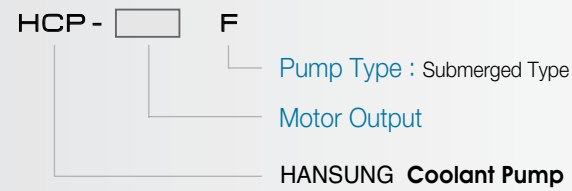


Feature

1. The motor and the pump have the same shaft but are separated
2. Various selections can be made according to the depths of the compact low-set tanks.
3. A structure with no additional seals such as a mechanical seal
4. Can be applied to a wide range of parts including grinding machine with mixed abrasive grain.

Structure

- A pump that operates with the pump part submerged in the tank.
- Different pumps can be selected according to tank depths, and can be used without separate oil priming.

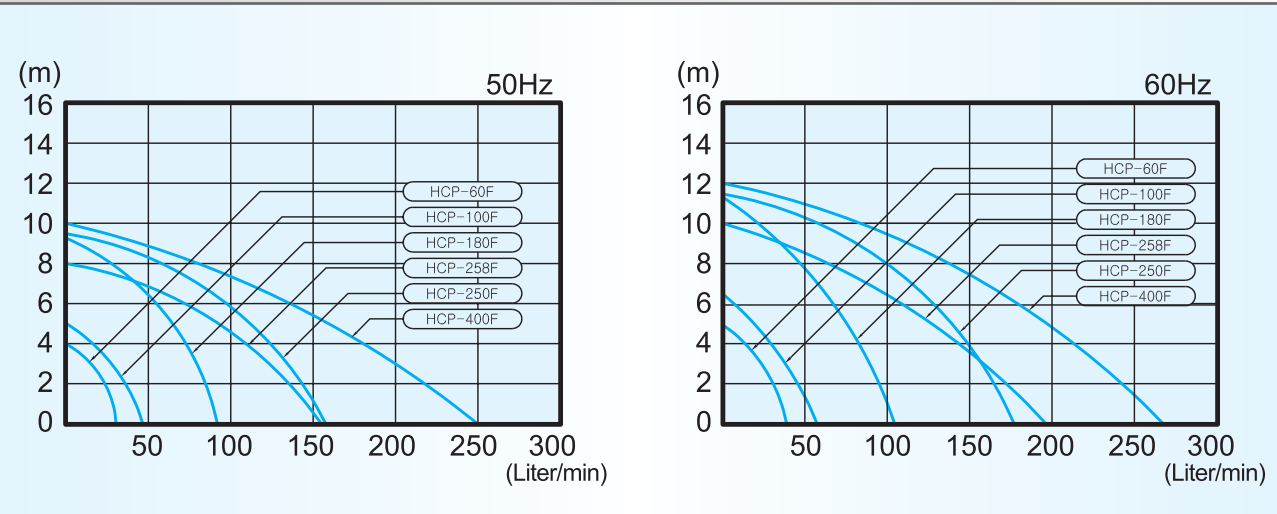


Pump Spec.

Specification Type	MOTOR						PUMP			
	OUTPUT (W)	FREQUENCY (Hz)	VOLTAGE (V)	CURRENT (A)	PHASE	POLES	TOTAL HEAD (m)	DIS. VOL (l/min)	PIPE SIZE (PT)	WEIGHT (kg)
HCP-60F	60	50	200 380	0.42 0.24	3	2	2	25	3/8	7
		60	200/220 380	0.45 0.26				32		
HCP-100F	100	50	200 380	0.51 0.3	3	2	2	37	3/8	7.6
		60	200/220 380	0.55 0.32				47		
HCP-180F	180	50	200 380	0.93 0.53	3	2	3	75	1/2	11.2
		60	200/220 380	1.0 0.57				90		
HCP-250F	250	50	200 380	1.4 0.8	3	2	4	125	3/4	14.2
		60	200/220 380	1.5 0.86				150		
HCP-258F	250	50	200 380	1.4 0.8	3	2	4	110	3/4	12
		60	200/220 380	1.5 0.86				145		
HCP-400F	400	50	200 380	2.4 1.4	3	2	5	160	1	17.5
		60	200/220 380	2.5 1.5				200		

Performance Curve

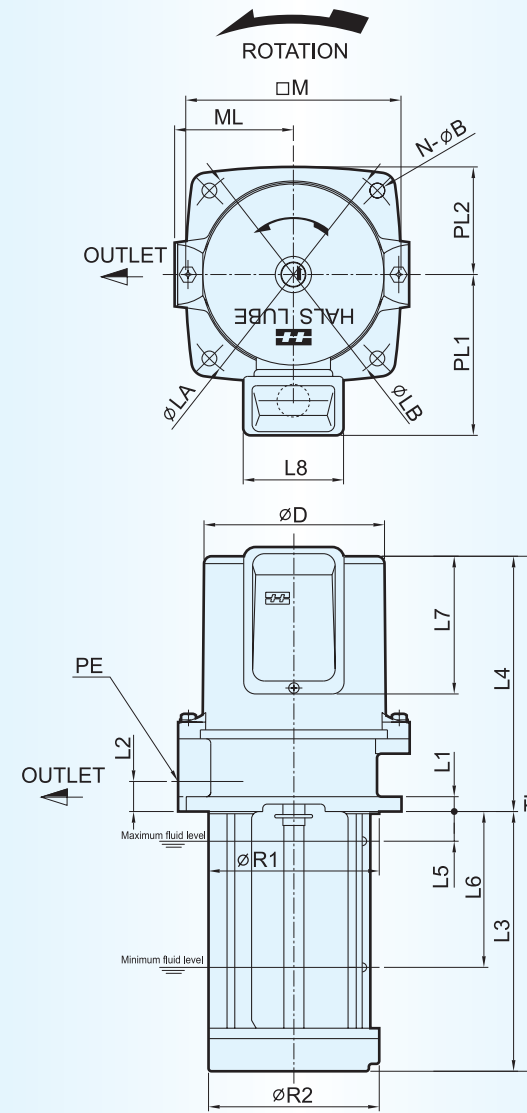
Oil for Testing : ISO-VG2, temperature 20°C



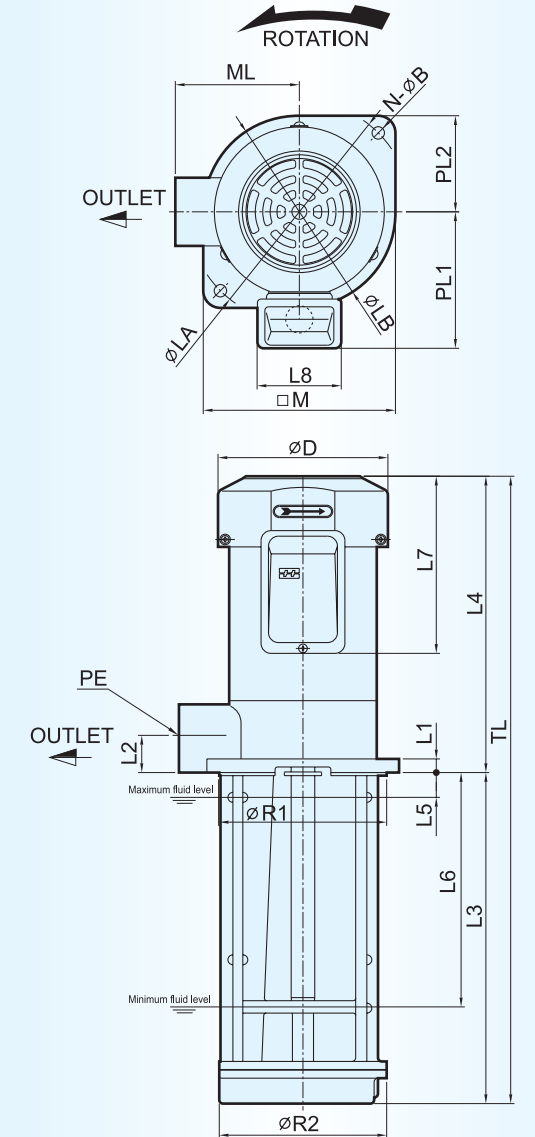
※ When using non water-soluble cutting fluid, viscosity must be under 32cSt. Pump performance (pressure and oil quantity) will decrease compared to water-soluble cutting fluid.

External Figure

HCP-60F-258F



HCP-400F



Dimension

Type	Item	ø D	L1	L2	L3	L4	L5	L6	L7	L8	PE(PT)	TL	R1	R2	LA	LB	N-øB	PL1	PL2	M	ML
HCP-60F		94	8	15	155	150	20	90	92.5	67.6	3/8	305	90	90	130 (132)	130 (130)	4-7	94	64	128	71
HCP-100F		94	8	15	155	150	20	90	92.5	67.6	3/8	305	90	90	130 (132)	130 (134)	4-7	94	64	128	71
HCP-180F		121	10	20	175	171	20	105	93	67.6	1/2	346	115	115	160 (160)	160 (134)	4-10	108.5	72.5	145	80
HCP-250F		121	10	25	247	180	20	190	93	67.6	3/4	427	128	128	160 (160)	160 (170)	4-10	108.5	75	150	85
HCP-258F		121	11	27	180	185	20	120	93	67.6	3/4	365	128	128	160 (160)	170 (170)	4-10	108.5	79	158	90
HCP-400F		137	11	30	280	236	20	200	143	67.6	1	516	135	135	180 (180)	-	2-10	110	77.5	155	100

※ LA, LB () are products for export