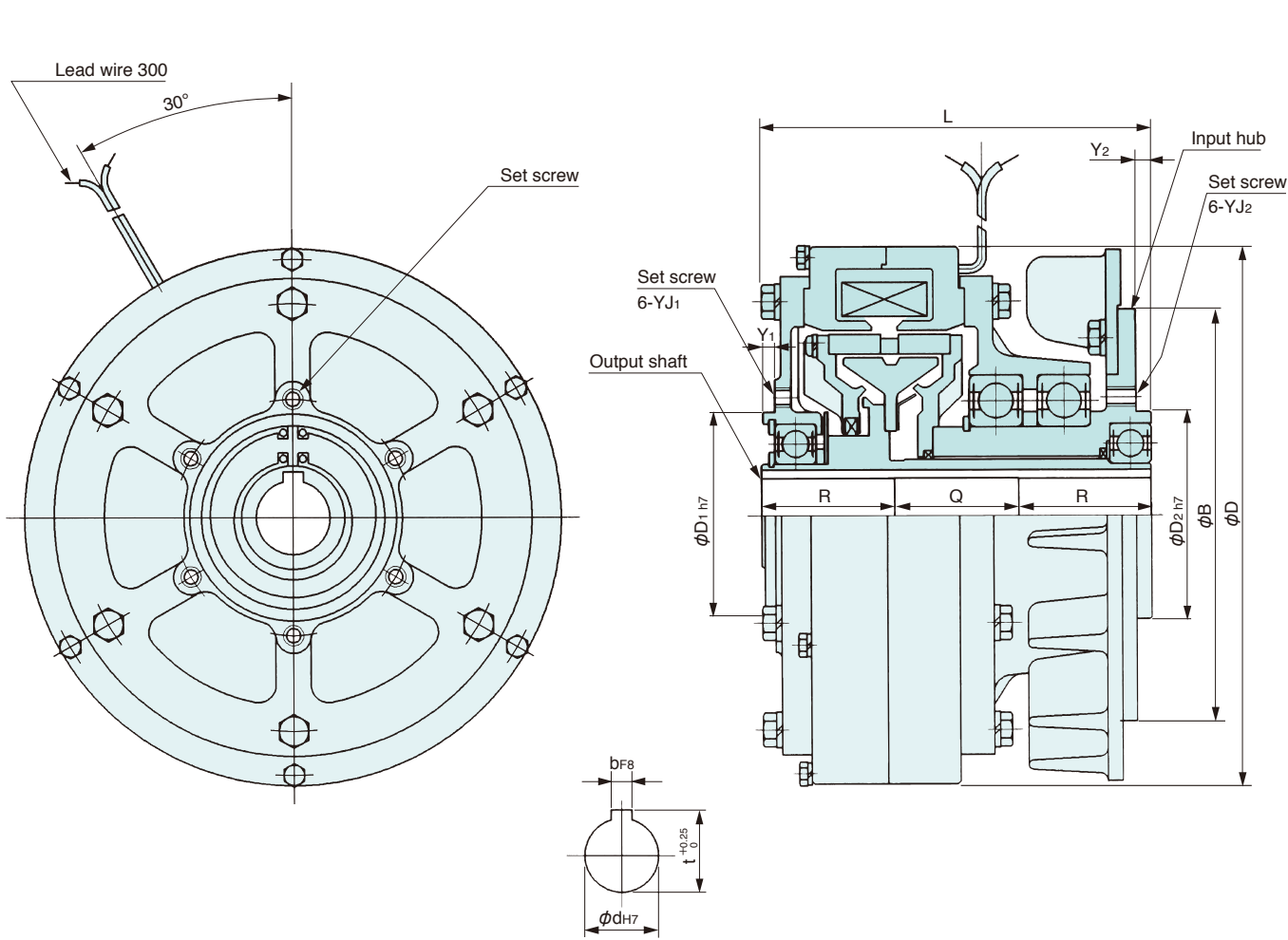


Clutch(Self-Ventilating)

PHC-0.6, 1.2, 2.5, 5, 10, 20R

Model	Rated torque(Nm)	Rated voltage(DC-V)	Power consumption at75°C(W)	Mass(kg)
PHC-0.6R	6	24	22.5	4.2
PHC-1.2R	12	24	23	5.7
PHC-2.5R	25	24	30	10
PHC-5R	50	24	54	17
PHC-10R	100	24	52.8	43
PHC-20R	200	24	66	70

- (Note)
1. Whirl-stop should be applied using the YJ₁ screw hole
 2. Never cover the ventilating window if you fix the output bracket
 3. Never apply three-point suspension if you fix the output bracket to rigid
 4. When pulling sideways, with a pulley attached to the hub input, use bearings underneath to take the load



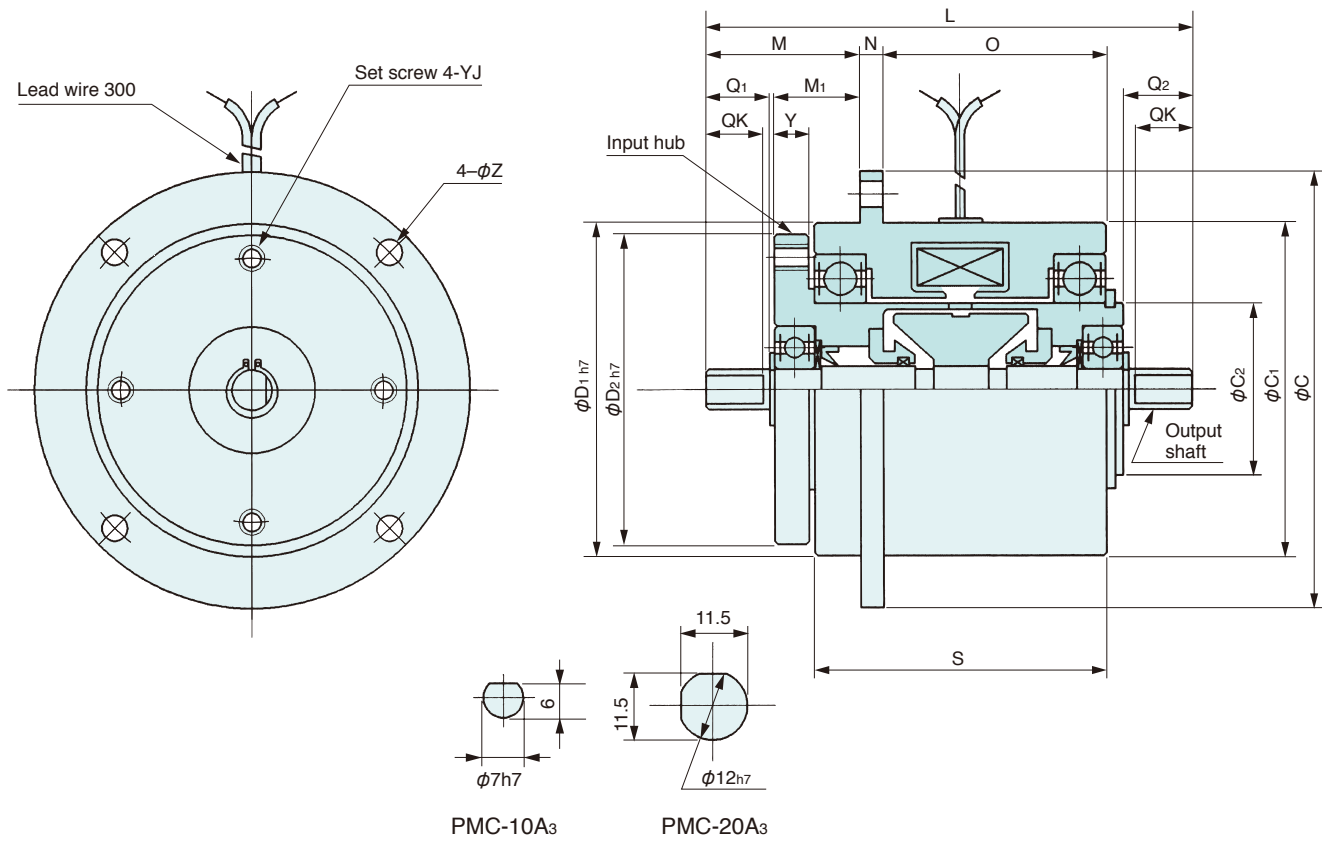
Unit : mm

Model	Diameter direction				Shaft direction					Attachment				Shaft hole		
										YJ ₁		YJ ₂				
	B	D	D ₂	D ₁	L	Q	R	Y ₁	Y ₂	P.C.D	Tap	P.C.D	Tap	d	b	t
PHC-0.6R	89	134	50	50	93	42	25.5	4	4	60	M4x6	60	M4x6	12	4	13.5
PHC-1.2R	89	152	45	70	96	46	25	4	4	80	M4x8	55	M5x6	15	5	17
PHC-2.5R	140	182	70	70	132	42	45	4	5	80	M6x9	80	M6x10	25	7	28
PHC-5R	165	219	87	87	148	68	40	4	4	102	M8x10	102	M8x10	35	10	38.5
PHC-10R	190	290	105	110	184.5	63.5	60	4	6	140	M8x10	120	M10x13	45	12	48.5
PHC-20R	220	335	130	130	222	69	75	4	9	150	M10x13.5	150	M10x15	55	15	60

Micro Type

PMC-10, 20A₃

Model	Rated torque(Nm)	Rated voltage(DC-V)	Power consumption at75°C(W)	Mass(kg)
PMC-10A ₃	1	24	13.5	0.90
PMC-20A ₃	2	24	15	1.34



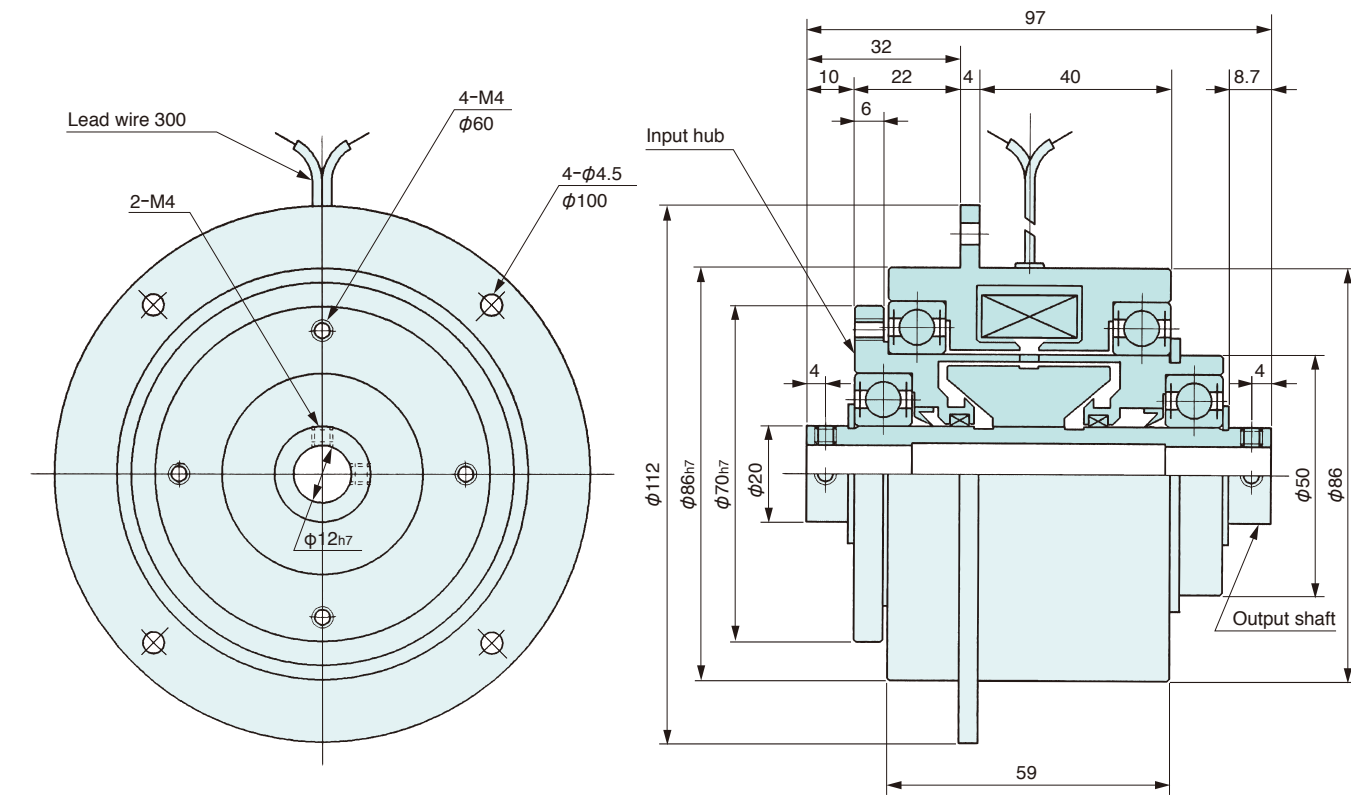
Unit : mm

Model	Diameter direction					Shaft direction							Attachment				Shaft end		
													Z		YJ				
	C	C ₁	C ₂	D ₁	D ₂	L	M	M ₁	N	O	S	Y	P.C.D	Hole	P.C.D	Tap	Q ₁	Q ₂	QK
PMC-10A ₃	76	58	30	58	54	85	27	15	4	39	51	6	68	4.5	46	M4x6	11	12	10
PMC-20A ₃	92	69	35	69	54	116	47	22	4	32	51	6	82	4.5	46	M4x6	24	25	20

Micro Type

PMC-40A₃

Model	Rated torque(Nm)	Rated voltage(DC-V)	Power consumption at75°C(W)	Mass(kg)
PMC-40A ₃	4	24	18	2.5

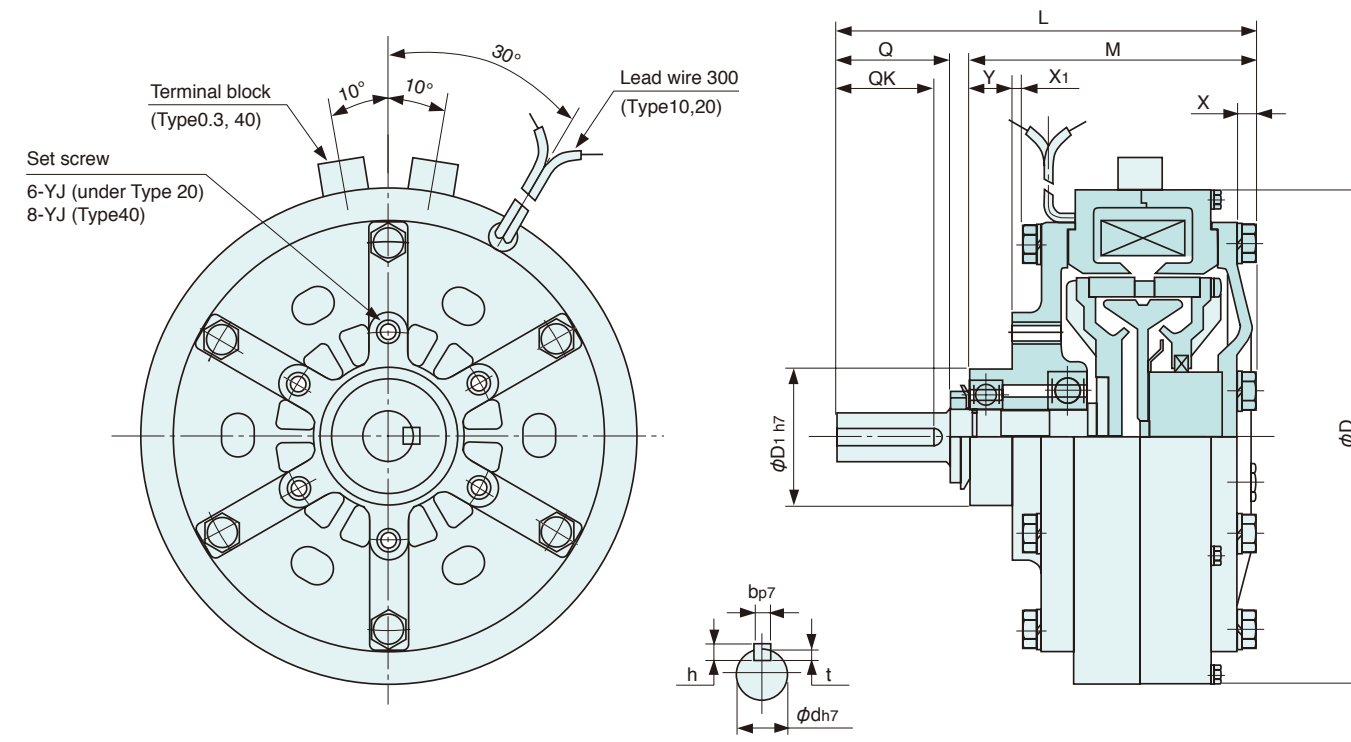


Unit : mm

Brake Naturally Cooled

POB-0.3, 0.6, 1.2, 2.5, 5, 10, 20, 40

Model	Rated torque(Nm)	Rated voltage(DC-V)	Power consumption at75°C(W)	Mass(kg)
POB-0.3	3	24	13.3	2.4
POB-0.6	6	24	22.5	3.4
POB-1.2	12	24	23	5.2
POB-2.5	25	24	30	11
POB-5	50	24	54	16
POB-10	100	24	52.8	33
POB-20	200	24	66	48
POB-40	400	24	92	80



Unit : mm

Model	Diameter direction		Shaft direction					Attachment		Shaft end					
	D	D ₁	L	M	X	X ₁	Y	P.C.D	Tap	Q	QK	d	b	h	t
POB-0.3	120	42	105	75	8.6	11	11	64	M5×10	23	20	10	4	4	2.5
POB-0.6	134	42	109	76.5	5.5	2.2	10	64	M5×11	26	22	12	4	4	2.5
POB-1.2	152	42	130.5	89.5	7.5	3.5	13	64	M6×13	34.5	27	15	5	5	3
POB-2.5	182	55	155	103	5.5	2	15	78	M6×13	43	35	20	5	5	3
POB-5	219	74	189	122.5	5.5	2.5	23	100	M6×13	57	47	25	7	7	4
POB-10	290	100	233.5	155.5	7.5	7.5	25	140	M10×18	67	56	30	7	7	4
POB-20	335	110	263.5	180.5	9.5	10.5	25	150	M10×18	71	60	35	10	8	4.5
POB-40	395	130	330	224	16.1	22.5	33	200	M12×20	92	80	45	12	8	4.5