

BSZ - Datasheet

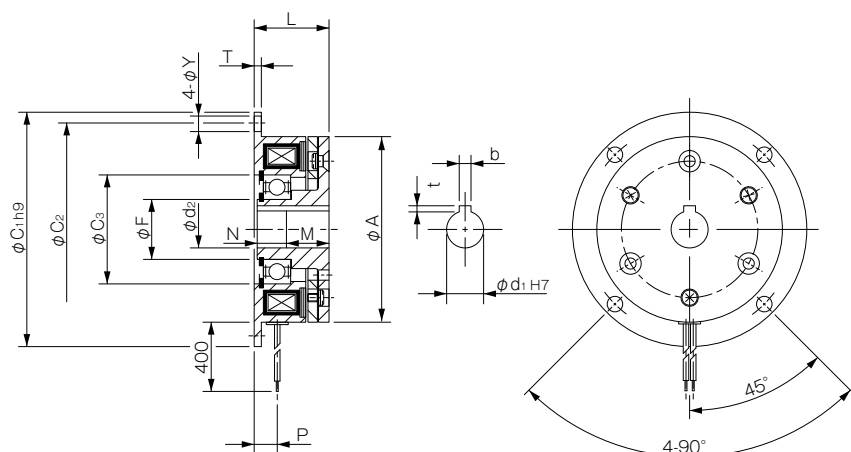
ONE-TOUCH-MOUNTED TYPE

Specifications

Model	Size	Dynamic friction torque T_d [N·m]	Static friction torque T_s [N·m]	Coil [at 20 °C]				Heat resistance class	Lead wire		Max. rotation speed [min ⁻¹]	Armature Moment of inertia J [kg·m ²]	Total work performed until readjustment of the air gap E_r [J]	Armature pull-in time t_a [s]	Torque build-up time t_p [s]	Torque decrease time t_d [s]	Bearing used	Mass [kg]
				Voltage [V]	Wattage [W]	Current [A]	Resistance [Ω]		UL style	Size								
BSZ-05-12	05	2.4	2.4	DC24	10	0.42	57	B	UL3398	AWG22	1800	1.46×10^{-5}	9×10^6	0.020	0.030	0.010	6902ZZ	0.25
BSZ-06-12	06	5	5.5	DC24	11	0.46	52	B	UL3398	AWG22	1800	5.77×10^{-5}	29×10^6	0.017	0.033	0.010	6904ZZ	0.36
BSZ-08-12	08	10	11	DC24	15	0.63	38	B	UL3398	AWG18	1800	1.63×10^{-4}	60×10^6	0.020	0.052	0.015	6905ZZ	0.67

• The dynamic friction torque, T_d , is measured at a relative speed of 100 min⁻¹.

Dimensions



Size	Radial direction dimensions					Axial direction dimensions					Shaft bore dimensions					Unit [mm]	
	A	C ₁	C ₂	C ₃	F	L	M	N	P	T	Y	d ₁ H7	d ₂	b H9	t		
05	50	65	58	28	15	28.3	18	9.8	8.2	2	3.4	10	10.2	3 ^{+0.030} ₀	1.2 ^{+0.3} ₀		
06	63	80	72	37	20	25.5	15	10	7.3	2	5	12	12.2	4 ^{+0.030} ₀	1.8 ^{+0.3} ₀		
08	80	100	90	42	25	28.5	20	8	8.3	2.6	6	15	15.5	5 ^{+0.030} ₀	2.3 ^{+0.3} ₀		

How to Place an Order

BSZ-05-12

Size