

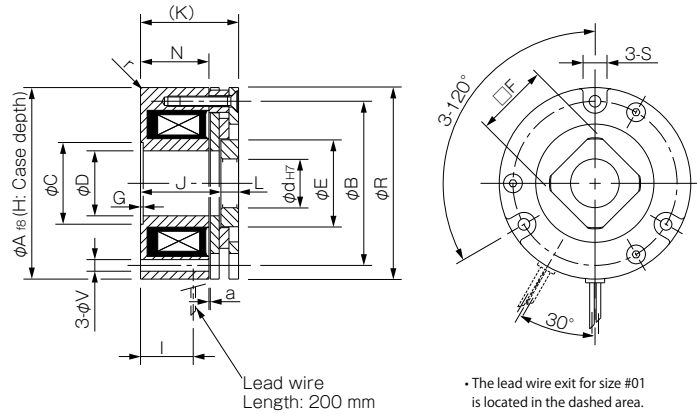
# BXW-R Safety brakes - Datasheet FOR SERVO MOTOR USE

## Specifications

Model	Size	Static friction torque Ts [N·m]	Coil [at 20 °C]				Heat resistance class	Lead wire		Max. rotation speed [min <sup>-1</sup> ]	Rotating part moment of inertia J [kg·m <sup>2</sup> ]	Allowable braking energy rate E <sub>baℓ</sub> [J]	Total braking energy E <sub>r</sub> [J]	Armature pull-in time t <sub>a</sub> [s]	Armature release time t <sub>r</sub> [s]	Mass [kg]
			Voltage [V]	Wattage [W]	Current [A]	Resistance [Ω]		UL style	Size							
BXW-01-10R	01	0.3	24	6.1	0.254	94.4	F	UL3398	AWG26	6000	1.36 × 10 <sup>-7</sup>	15	3000	0.035	0.020	0.1
BXW-03-10R	03	1.3	24	7.2	0.300	80.0	F	UL3398	AWG22	6000	1.17 × 10 <sup>-6</sup>	87	17000	0.050	0.020	0.3
BXW-05-10R	05	2.5	24	8.0	0.333	72.0	F	UL3398	AWG22	6000	3.68 × 10 <sup>-6</sup>	200	40000	0.060	0.020	0.5

• The armature pull-in time and armature release time are taken during DC switching.

## Dimensions

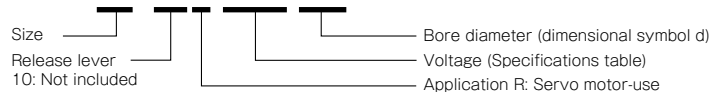


Model	Radial direction dimensions										Axial direction dimensions							Bore dimensions		
	A	r	B	C	D	E	S	V	R	F	G	H	I	J	K	L	N	a	d	d max
BXW-01-10R	33	R0.5	26.5	16	9	14	7	3.4	32.5	12	0.2	4	19	25.5 ~ 26	30	4	22.8	0.1	8.5	8.5
BXW-03-10R	48	R1	42	26	14	23	8	3.4	47.5	19	0.2	4	18	25.5 ~ 26	30	4	22.6	0.1	11	15
BXW-05-10R	64	R1	56	28	22	31	8	4.5	63.5	25	0.2	4	16	25 ~ 25.5	30	4.5	21.3	0.1	16	20

• Further bore diameters and keyways possible on request. Please contact Miki Pulley for details.

### How to Place an Order

### BXW-01-10R-24V-8.5



• Further bore diameters and voltages possible on request.