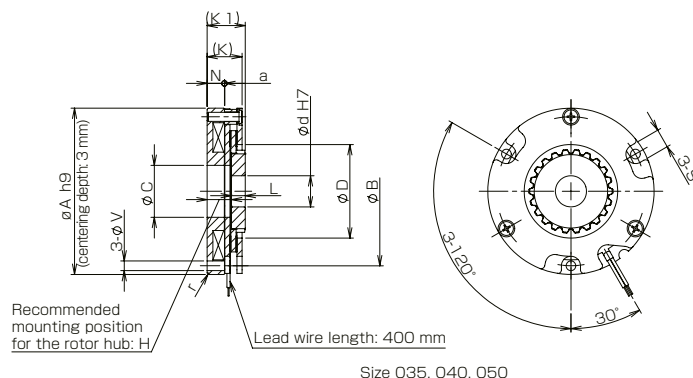
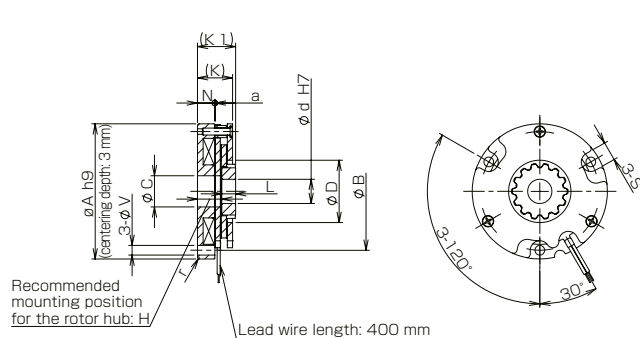


BXR-LES Safety brakes – Datasheet

Specifications

Model	Size	Static friction torque T_s [N·m]	Coil [at 20 °C]								Heat resistance class	Lead wire size	Max. rotation speed [min ⁻¹]	Rotating part moment of inertia J [kg·m ²]	Backlash [°]	Mass [kg]
			Overexcitation output				Normal excitation output									
			Voltage [V]	Wattage [W]	Current [A]	Resistance [Ω]	Voltage [V]	Wattage [W]	Current [A]	Resistance [Ω]						
BXR-015-20LES	015	0.06	24	16.5	0.686	35.0	7	1.40	0.200	35.0	F	AWG28	6000	1.20×10^{-7}	1.4	0.03
BXR-020-20LES	020	0.14	24	16.5	0.686	35.0	7	1.40	0.200	35.0	F	AWG28	6000	2.90×10^{-7}	1.1	0.04
BXR-025-20LES	025	0.32	24	16.5	0.686	35.0	7	1.40	0.200	35.0	F	AWG28	6000	7.10×10^{-7}	1.1	0.07
BXR-035-20LES	035	0.62	24	20.4	0.851	28.2	7	1.74	0.248	28.2	F	AWG28	6000	2.19×10^{-6}	0.8	0.10
BXR-040-20LES	040	1.32	24	20.4	0.851	28.2	7	1.74	0.248	28.2	F	AWG28	6000	4.26×10^{-6}	0.8	0.16
BXR-050-20LES	050	3.20	24	20.4	0.851	28.2	7	1.74	0.248	28.2	F	AWG28	6000	9.38×10^{-6}	0.6	0.31

Dimensions



Model	Size	Radial direction dimensions								Axial direction dimensions				Rotor hub machining dimensions		
		A	r	B	C	S	D	V	H	K	K1	N	a	L	d standard	d max
BXR-015-20LES	015	26	R0.5	22	7	4.3	14	2.3	7.0 ~ 7.4	10.1	11.4	5	0.1	4	5	6
BXR-020-20LES	020	32	R0.5	28	9	4.3	17	2.3	7.0 ~ 7.4	10.1	11.4	5	0.1	4	7	8
BXR-025-20LES	025	39	R0.5	34	9	5.5	18	2.8	7.0 ~ 7.4	10.1	11.4	5	0.1	4	7	8
BXR-035-20LES	035	48	R0.5	43	15	5.5	27	2.8	7.0 ~ 7.4	10.1	11.4	5	0.1	4	9	14
BXR-040-20LES	040	56	R0.5	51	15	5.5	28	2.8	8.0 ~ 8.4	11.1	12.4	5.5	0.1	4	11	14
BXR-050-20LES	050	71	R0.5	65	22	6.5	37	3.3	10.2 ~ 10.6	13.3	14.6	6.9	0.1	4	15	20

Unit [mm]

How to Place an Order

Brake

BXR-015-10LES-006-24V

Size ———

Controller set type ———

Nominal static friction torque (3-digit number listed in the specifications tables) ———

Voltage ———

Hub

BXR-015-10LES-5-Hub

Size ———

Controller set type ———

Bore diameter (dimension symbol: d) ———