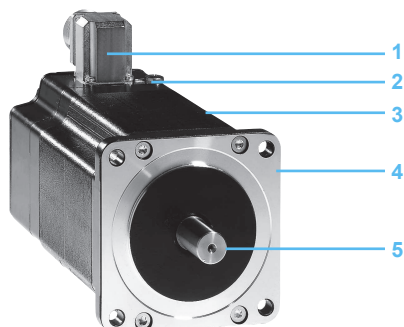


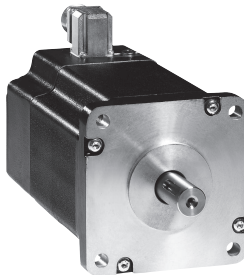


Description

BRS3 motors comprise:

- 1 Motor connection: version with angled connector
- 2 Additional earthing terminal
- 3 Housing, with black protective coating
- 4 Axial flange with four mounting points conforming to standard DIN 42918
- 5 Smooth shaft end conforming to standard DIN 42918

BRS3 motor offer

3-phase stepper motors			BRS	364	366	368	397	39A	39B	3AC	3AD
											
Flange size	—	mm	57			85			110		
Maximum torque	M_{max}	Nm	0.45...1.50			1.7...6.0			12.0...16.5		
Holding torque	M_H	Nm	0.45...1.70			1.92...6.78			13.5...19.7		
Number of steps	z	—	200 / 400 / 500 / 1000 / 2000 / 4000 / 5000 / 10 000								
Step angle	α	°	1.8 / 0.9 / 0.72 / 0.36 / 0.18 / 0.09 / 0.072 / 0.036								
Phase current	W winding	I_{rms}	—			0.9	1.75	2	2.25	4.1	4.75
	H winding		5.2	5.8	5.8			—			
Weight	—	kg	0.7	0.95	2	2.1	3.2	4.3	8.2	11.2	
Degree of protection according to standard IEC/EN 60034-5	—	—	IP 56 (except for shaft end - IP 41)								
Ambient air temperature	—	°C	- 25...+ 40								
Winding insulation class according to standard IEC/EN 60034-1	—	—	F (maximum temperature for windings 155°C)								

Lexium SD3 motion control

BRS3 3-phase stepper motors

For Lexium SD315 drives



BRS368 stepper motor

BRS368 stepper motor												
Example:	B	R	S	3	6	8	H	1	3	1	A	C
Motor type S = stepper motor	B	R	S	3	6	8	H	1	3	0	A	C
Number of motor phases 3 = 3 phases	B	R	S	3	6	8	H	1	3	1	A	C
Flange size 6 = 57 mm	B	R	S	3	6	8	H	1	3	1	A	C
Motor length 4 = 42 mm 6 = 56 mm 8 = 79 mm	B	R	S	3	6	8	H	1	3	1	A	C
Winding type (1) H = 34 V ~ (48 V ~)	B	R	S	3	6	8	H	1	3	1	A	C
Shaft type 0 = Ø 6.35 mm smooth shaft, IP 41 1 = Ø 8 mm smooth shaft, IP 41 S = to customer specification	B	R	S	3	6	8	H	1	3	1	A	C
Centering collar 3 = 38 mm	B	R	S	3	6	8	H	1	3	1	A	C
Encoder (2) 0 = without encoder 1 = with encoder (1000 points/turn)	B	R	S	3	6	8	H	1	3	1	A	C
Holding brake (2) A = without holding brake F = with holding brake	B	R	S	3	6	8	H	1	3	1	A	C
Type of connection A = end with flying leads B = terminals C = connector	B	R	S	3	6	8	H	1	3	1	A	C
Second shaft end (2) A = without second shaft end B = with second shaft end	B	R	S	3	6	8	H	1	3	1	A	C
Dimensions (overall in mm)												
Motor type	BRS	364	366	368								
W x H		57.2 x 57.2										
D		42	56	79								

(1) Possible motor/shaft type combinations depending on the length of the motor:

- Motor lengths 4 and 6 = 0

- Motor length 8 = 1

(2) The "Holding brake" and "Encoder" options are not compatible with the "Second shaft end" option.