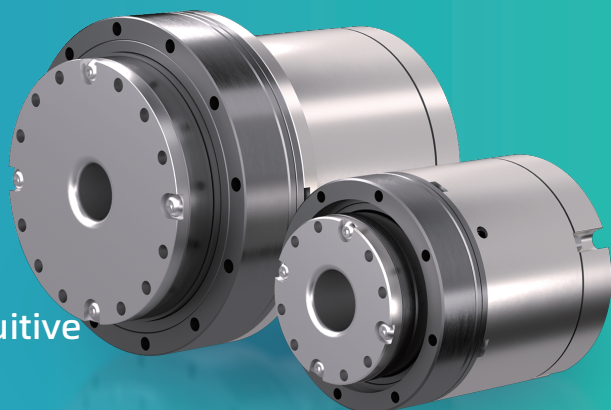




Compact with high torque
Low-cost & heat generation

Frameless motor

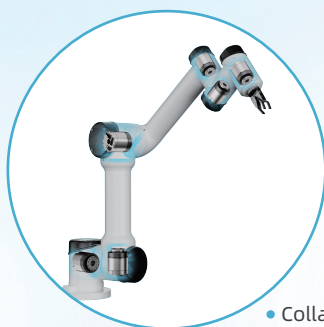
RB200 - G 70 I - R40 30 - 100 A S 1 E

1 Product Series RB200 Series	2 Voltage Level E:DC24V G:DC48V	3 Max. Outer Diameter 70: 70mm	4 Structure I: Straight F: Corner
5 Motor Power R40: 400W	6 Rated Speed 30: 3000rpm	7 Harmonic Reducer 100: 100 speed ratio	Motor-end Encoder D: Single-turn absolute type DM: Multi-turn absolute type N: None
Output-end Encoder 9 D: Single-turn absolute type DM: Multi-turn absolute type N: None	Brake 10 1: Without brake 2: With brake	Communication 11 C: CANopen E: EtherCAT	

Specifications:

Specification	Unit	RB200- G70I	RB200- G80I	RB200- G90I	RB200- G110I	RB200- G140I	RB200- G140I
Performance Specification							
Rated Voltage	V	48	48	48	48	48	48
Rated power	W	100	180	400	750	1000	1500
Rated current	A	2.7	4.9	11	20.6	26.7	40.5
Rated torque	N.m	32	57	127	239	572	1146
Peak torque	N.m	96	171	381	717	1717	3438
Reducer Specification							
Type	/	Harmonic reducer					
Reducer	/	100 (50/80/120)	100 (50/80/120)	100 (50/80/120)	100 (50/80/120)	120 (50/80/100)	120 (50/80/100)
Backlash	arcsec	≤ 10	≤ 10	≤ 10	≤ 10	≤ 10	≤ 10
Dimensions							
Length	mm	85	95	110	125	145	155
Max. diameter	mm	70	80	90	110	140	170
Bore diameter	mm	18	18	18	18	20	20
Communication	/	CANopen / EtherCAT / Modbus					
Protection level	/	IP54					

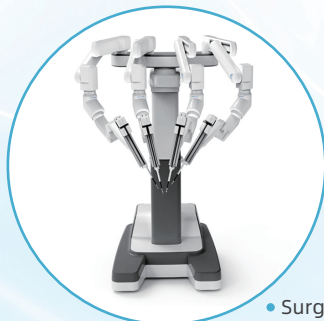
Application:



• Collaborative Robots



• Rehabilitation Robots



• Surgical Robots



• Humanoid Robots