

Part number key

Modular	#####
Standard	#####
Special	#####

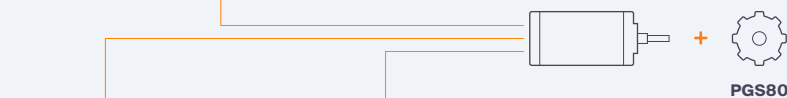
Technical data

1 Part number		80-4	80-13	80-15	80-49	80-55	80-186	80-210
2 Gear ratio	.1	4	13	15	49	55	186	210
3 Stages		1	2	2	3	3	4	4
4 Max. continuous torque (S1) ¹	Nm	20.0	60.0	60.0	120.0	120.0	120.0	120.0
5 Max. intermittent torque	Nm	30.0	90.0	90.0	180.0	180.0	180.0	180.0
6 Efficiency	%	90	81	81	73	73	66	66
7 Backlash	arc.min	36	39	39	42	42	45	45
8 Max. axial load (dynamic)	N	80	120	120	200	200	200	200
9 Max. radial load, 12 mm from flange	N	400	600	600	1000	1000	1000	1000
10 Weight	kg	1.2	1.7	1.7	2.1	2.1	2.6	2.6
11 Gear material ²		C / S	C / S	C / S	C / S	C / S	C / S	C / S
12 Length	mm	52.3	68.8	68.8	85.3	85.3	101.8	101.8

¹ S1 duty cycle based on 3000 RPM input speed ² Gear material: C = Composite, S = Steel

Modular system

PMDC motor	+L mm	PMDC motor	+L mm	PMDC motor	+L mm	PMDC motor	+L mm
BRx70-40	125	EPM50-38	138	EPM63-100	200	PM5	162
BRx70-60	146	EPM50-50	145	PM1	149	PM6	125
BRx90-50	153	EPM50-63	155	PM2	162	PM50	146
BRx90-75	183	EPM63-50	150	PM3	137	PM60	119
EPM50-25	119	EPM63-75	175	PM4	149		



BLDC motor	+L mm	AC motor	+L mm
PBL86-55	105	SD13	152
PBL86-80	130	SD18	158
PBL70-70	112	SD48	170
PBL70-80	122		

+L mm = added length