



Part number key

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

¹ Other ratios available on request (1): 6, 7, 8, 9, 11, 12, 13, 14, 16, 18, 22, 25, 27, 33, 36, 44, 54, 66

Technical data

1 Part number		S4B	S5B	S10B	S15B	S20B	S30B	S40B	S48B	S60B	S70B
2 Gear ratio ¹	.1	4	5	10	15	20	30	40	48	60	70
3 Stages		1	1	1	1	1	1	1	1	1	1
4 Max. continuous torque (S1)	Nm	4.5	4.5	4.5	4.5	4.5	4.5	4.5	3.8	3.3	3.0
5 Max. intermittent torque (S2 - 15 minutes) ²	Nm	7.2	7.2	7.2	7.2	7.2	7.2	7.2	6.0	5.3	4.8
6 Efficiency	%	70	70	70	65	61	57	52	48	42	35
7 Backlash	arc.min	10-25	10-25	10-25	10-25	10-25	10-25	10-25	10-25	10-25	10-25
8 Max. axial load (dynamic)	N	150	150	150	150	150	150	150	150	150	150
9 Max. radial load, 12 mm from flange	N	250	250	250	250	250	250	250	250	250	250
10 Weight	kg	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
11 Gear material		Bronze	Bronze	Bronze	Bronze	Bronze	Bronze	Bronze	Bronze	Bronze	Bronze

* S1 & S2 duty cycles based on 3000 RPM input speed

Modular system

BLDC motor	+L mm	PMDC motor	+L mm
PBL42	90	PM7	84
PBL42	110	PM8	97
		PM9	110
		PM10	107
		PM11	126

+L mm = added length



AC motor	+L mm	AC motor	+L mm
SD8	125	SD29	147
SD21	95	SD38	128
SD28	144	SD41	107

