

all dimensions in mm

Part number key

Modular	#####
Standard	#####
Calculated data	#####

¹ Other ratios available on request (:1): 6, 8, 9, 12, 13, 14, 18, 25, 33, 44, 54, 66

Technical data

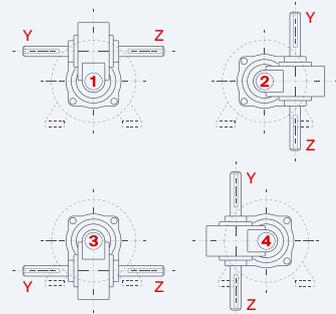
1 Part number		-	-	-	-	-	-	-	-	-	-
2 Gear ratio ¹	:1	4	5	10	16	20	30	40	48	60	72
3 Stages		1	1	1	1	1	1	1	1	1	1
4 Max. continuous torque (S1) ^{2,3}	Nm	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	9.0	8.0
5 Max. intermittent torque ³	Nm	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.0	12.0
6 Efficiency	%	74	74	71	67	64	61	57	50	47	40
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	300	300	300	300	300	300	300	300	300	300
9 Max. radial load, 12 mm from flange	N	350	350	350	350	350	350	350	350	350	350
10 Weight	Kg	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
11 Gear material		Bronze									

² S1 duty cycle based on 3000 RPM input speed ³ Please refer to the thermal rating limits of the gearbox found on page 255

Compatible products

BLDC	+L mm	PMDC	+L mm	AC	+L mm
PBL60-50	90.0	BRx63-25	95.0	SD1	119.0
PBL60-70	110.0	BRx63-55	125.0	SD8	125.0
		PM1	149.0	SD11	144.0
		PM2	162.0	SD12	167.0
		PM3	137.0	SD13	152.0
		PM4	149.0	SD18	158.0
		PM5	162.0	SD28	144.0
		PM6	175.0	SD29	147.0
		PM10	107.0	SD38	128.0
		PM11	126.0	SD48	170.0
		PM50	162.0		
		PM60	193.0		

Gearbox output position



Key

Standard combination

Modular combination

+L mm = approximate added length*

*additional length may also be required for mounting flange between components