

all dimensions in mm

Part number key

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

¹ Other worm ratios available on request [spur ratio] (:1): 9[6], 11[6], 13[6], 8[25], 9[25], 10[25], 7[56], 8[56], 9[56], 10[56], 8[115]

Technical data

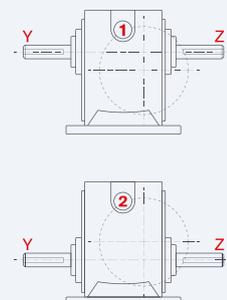
1 Part number	-	-	-	-	-	-	-	-	-	-	-
2 Gear ratio - spur	:1	6	6	25	25	25	56	56	115	115	115
3 Gear ratio - worm ¹	:1	8	16	6	12	13	6	12	7	16	30
4 Max. continuous torque (S1) ^{2,3}	Nm	45.0	45.0	62.0	62.0	62.0	100.0	100.0	100.0	100.0	100.0
5 Max. intermittent torque ³	Nm	45.0	45.0	62.0	62.0	62.0	100.0	100.0	100.0	100.0	100.0
6 Efficiency	%	68	68	68	64	64	68	65	68	64	55
7 Backlash	arc.min	50-75	50-75	50-75	50-75	50-75	50-75	50-75	50-75	50-75	50-75
8 Max. axial load (dynamic)	N	226	226	226	226	226	226	226	226	226	226
9 Max. radial load, 12 mm from flange	N	446	446	446	446	446	446	446	446	446	446
10 Weight	Kg	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
11 Gear material		Composite									

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
PBL70-70	114.0	PM1	149.0	SD1	119.0
PBL70-80	124.0	PM2	162.0	SD8	125.0
		PM3	137.0	SD11	144.0
		PM4	149.0	SD12	167.0
		PM5	162.0	SD13	152.0
		PM6	175.0	SD18	158.0
		PM50	162.0	SD28	144.0
		PM60	193.0	SD29	147.0
				SD38	128.0
				SD48	170.0

Gearbox output position



Key

Standard combination

Modular combination

+L mm = approximate added length*

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