

all dimensions in mm

Part number key

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

¹Other worm ratios available on request [spur ratio] (:1): 5[6], 7[6], 6[15], 5[35], 7[35], 9[35], 18[35]

Technical data

1 Part number	-	-	-	-	-	-	-	-	-	-	-
2 Gear ratio - spur	:1	6	6	6	15	15	15	35	35	35	35
3 Gear ratio - worm ¹	:1	4	6	8	4	7	8	4	12	27	40
4 Max. continuous torque (S1) ²	Nm	9.0	9.0	9.0	22.0	22.0	22.0	45.0	45.0	45.0	45.0
5 Max. intermittent torque	Nm	9.0	9.0	9.0	22.0	22.0	22.0	45.0	45.0	45.0	45.0
6 Efficiency	%	76	76	76	74	74	74	72	68	59	54
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	177	177	177	177	177	177	177	177	177	177
9 Max. radial load, midpoint of flange	N	353	353	353	353	353	353	353	353	353	353
10 Weight	Kg	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75
11 Gear material		Composite									

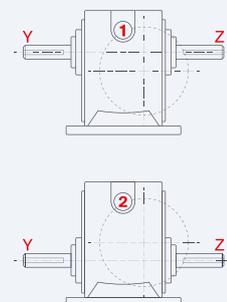
² S1 duty cycle based on 3000 RPM input speed

Compatible products

BLDC	+L mm	PMDC	+L mm	AC	+L mm
PBL60-50	90	PM10	107	SD1	119
PBL60-70	110	PM11	126	SD8	125
				SD11	144
				SD12	167
				SD13	152
				SD18	158
				SD28	144
				SD29	147
				SD38	128
				SD48	170

+L mm = approximate added length*

Gearbox output position



Compatible products key

Product name	Standard combination
Product name	Modular combination

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