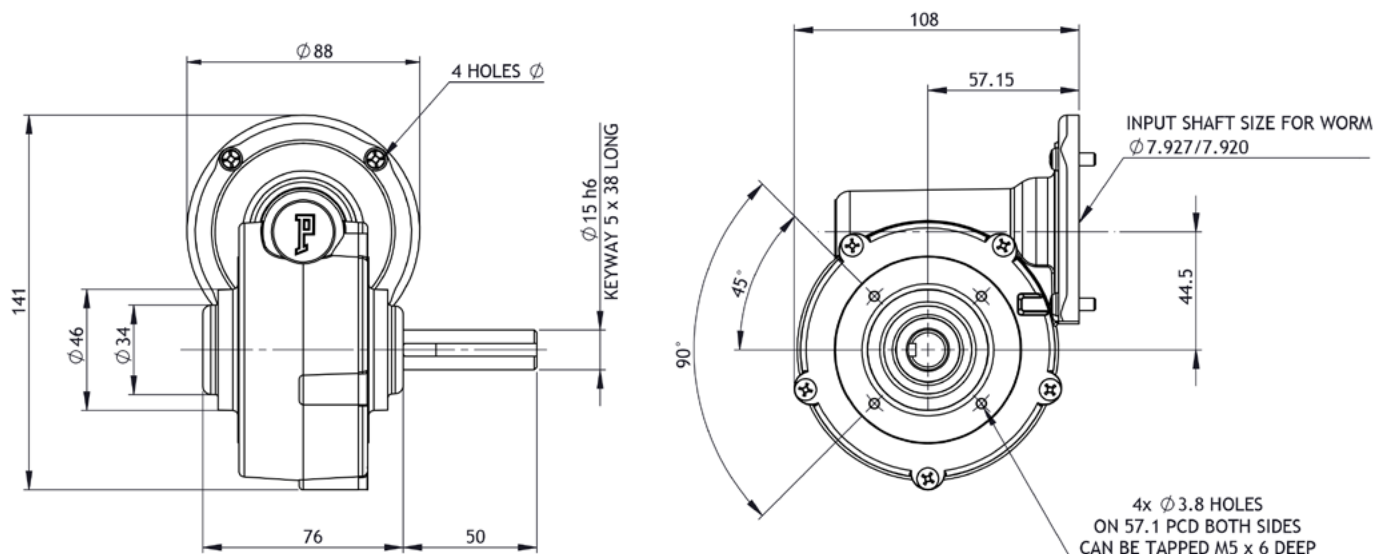




all dimensions in mm

Part number key

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

¹ Other ratios available on request (:1): 7, 9

Technical data

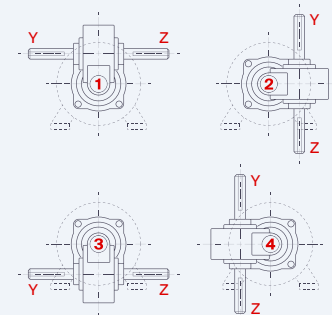
1 Part number	-	-	-	-	-	-	-	-	-
2 Gear ratio ¹	:1	5	12	15	20	25	30	40	60
3 Stages		1	1	1	1	1	1	1	1
4 Max. continuous torque (S1) ^{2,3}	Nm	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
5 Max. intermittent torque ³	Nm	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
6 Efficiency	%	90	85	83	79	75	72	67	55
7 Backlash	arc.min	10-25	10-25	10-25	10-25	10-25	10-25	10-25	10-25
8 Max. axial load (dynamic)	N	132	132	132	132	132	132	132	132
9 Max. radial load, 12 mm from flange	N	177	177	177	177	177	177	177	177
10 Weight	Kg	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
11 Gear material		Composite	Composite	Composite	Composite	Composite	Composite	Composite	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	SD11	144.0
PBL70-80	124.0	PM2	163.0	SD12	167.0
		PM3	137.0	SD13	152.0
		PM4	149.0	SD18	158.0
		PM5	162.0	SD48	170.0
		PM6	175.0		
		PM50	162.0		
		PM60	193.0		
		PM90-150	153.0		
		PM90-180	183.0		

Gearbox output position



Key

Standard combination

Modular combination

+L mm = approximate added length*

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