

Part number key

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

Technical data

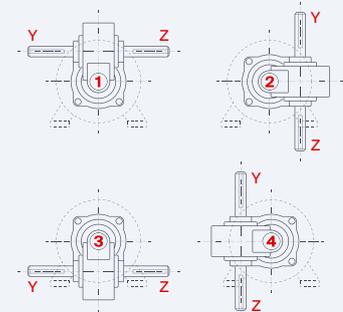
1 Part number		735904	-	735906	-	735907
2 Gear ratio	:1	15	25	30	50	60
3 Stages		1	1	1	1	1
4 Max. continuous torque (S1) ^{2,3}	Nm	5.0	5.0	5.0	5.0	5.0
5 Max. intermittent torque ³	Nm	8.0	8.0	8.0	8.0	8.0
6 Efficiency	%	75	70	65	50	45
7 Backlash	arc.min	10-25	10-25	10-25	10-25	10-25
8 Max. axial load (dynamic)	N	300	300	300	300	300
9 Max. radial load, 12 mm from flange	N	400	400	400	400	400
10 Weight	Kg	0.83	0.83	0.83	0.83	0.83
11 Gear material		Bronze	Bronze	Bronze	Bronze	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
PBL42-15	470	BRx52-30	95.0	SD8	125.0
PBL42-30	670	BRx52-58	125.0	SD21	95.0
PBL60-50	90.0	BRx63-25	95.0	SD28	144.0
PBL60-70	110.0	BRx63-55	125.0	SD29	147.0
		PM7	84.0	SD38	128.0
		PM8	97.0	SD41	107.0
		PM9	110.0		
		PM10	107.0		
		PM11	126.0		

Gearbox output position



Key

Standard combination

Modular combination

+L mm = approximate added length*

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