

**Part number key**

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

Please see our customisation options page for details on the modifications available on our products. Advice and guidance on these options are available from your local sales engineer.

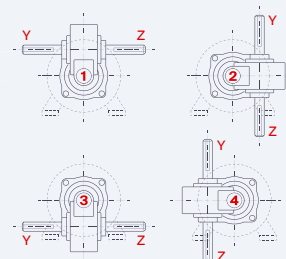
**Technical data**

1 Part number	-	-	735900	-	-	-	735901	-	735902	-	
2 Gear ratio	:1	12.5	14	15	19	21	25	30	50	60	75
3 Stages		1	1	1	1	1	1	1	1	1	1
4 Max. continuous torque (S1) <sup>1,2</sup>	<b>Nm</b>	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	27.0
5 Max. intermittent torque <sup>2</sup>	<b>Nm</b>	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	43.0
6 Efficiency	<b>%</b>	80	75	75	73	73	72	65	55	50	45
7 Backlash	<b>arc.min</b>	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)	<b>N</b>	600	600	600	600	600	600	600	600	600	600
9 Max. radial load, 12 mm from flange	<b>N</b>	800	800	800	800	800	800	800	800	800	800
10 Weight	<b>Kg</b>	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
11 Gear material		Bronze	Bronze	Bronze	Bronze	Bronze	Bronze	Bronze	Bronze	Bronze	Bronze

<sup>1</sup> S1 duty cycle based on 3000 RPM input speed <sup>2</sup> Please refer to the thermal rating limits of the gearbox found on page 255

**Compatible products**

BLDC	Page #	PMDC	Page #	PMDC	Page #	AC	Page #	Shaft extension	Page #
PBL60-50	92	BRx70-40	56	PM70-146	134	SD13	188	735903	84
PBL60-70	94	BRx70-60	58	PM90-150	136	SD18	192		
PBL70-70	96	BRx90-50	60	PM90-180	138	SD48	196		
PBL70-80	98	BRx90-75	62	EPM50-25	142				
PBL86-55	100	PM1	116	EPM50-38	144				
PBL86-80	102	PM2	118	EPM50-50	146				
		PM3	120	EPM50-63	148				
		PM4	122	EPM63-50	150				
		PM5	124	EPM63-50 (V)	152				
		PM6	126	EPM63-75	154				
		PM50	128	EPM63-75 (V)	156				
		PM60	130	EPM63-100	158				
		PM70-125	132	EPM63-100 (V)	160				



**Key**  
Standard combination  
Modular combination

(V) = ventilated