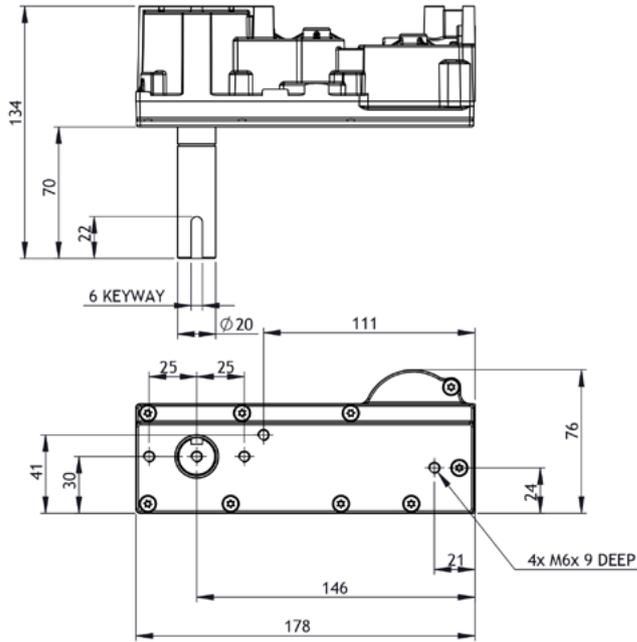


GB36

Right-angle gearbox // Composite gears

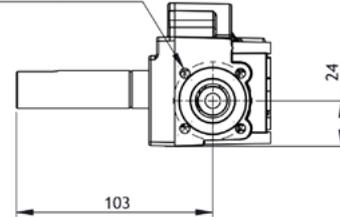
6:1 - 35:1 spur ratio // 4:1 - 40:1 worm ratio // 45.0 Nm

parvalux
by **maxon**



all dimensions in mm

4 HOLES \varnothing 5.2 THRU
EQUI-SPACED ON 41.3 PCD
MOUNTING TO MOTOR
FROM INSIDE GEARBOX



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	5	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	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)	N	177	177	177	177	177	177	177	177	177	177
9 Max. radial load, 12 mm from flange	N	353	353	353	353	353	353	353	353	353	353
10 Weight	Kg	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53
11 Gear material		Composite									

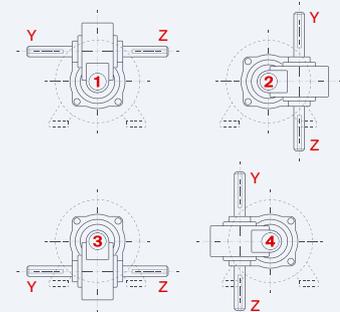
² S1 duty cycle based on 3000 RPM input speed

Compatible products

BLDC	+L mm	PMDC	+L mm	AC	+L mm
PBL60-50	90	BRx52-30	95	SD8	125
PBL60-70	110	BRx52-58	125	SD21	95
BLx60-40	87	BRx63-25	95	SD28	144
		BRx63-55	125	SD29	147
		PM7	84	SD38	128
		PM8	97	SD41	107
		PM9	110		
		PM10	107		
		PM11	126		

+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