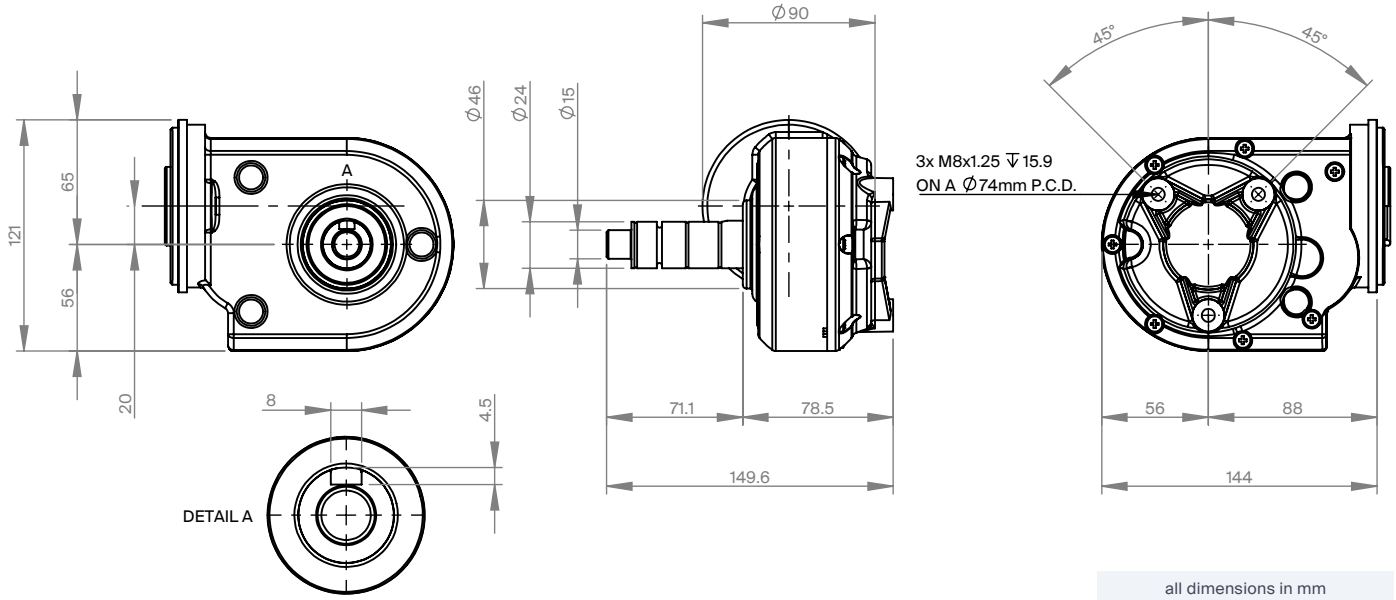
GB14 Right-angle gearbox // Steel / bronze gears

60:1 - 160:1 ratio // 300.0 Nm

parvalux by maxon



all dimensions in mm

Part number key	
Modular	######
Standard	######
Calculated data	######

Notes: Custom shaft output, including various pinion gears and pulleys, available on request.

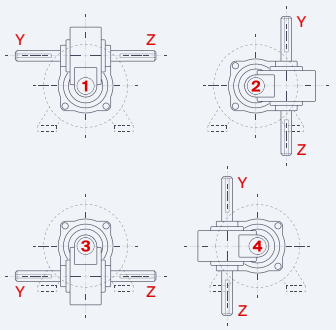
	Technical data								
1	Part number	-	-	-	-	-	-	-	-
2	Gear ratio	:1	20	40	60	80	100	120	160
3	Stages		2	2	2	2	2	2	2
4	Max. continuous torque (S1) [2] [3]	Nm	120.0	120.0	120.0	120.0	120.0	120.0	120.0
5	Max. intermittent torque [3]	Nm	300.0	300.0	300.0	300.0	300.0	300.0	300.0
6	Efficiency	%	81	76	75	70	65	60	55
7	Backlash	arc.min	35-65	35-65	35-65	35-65	35-65	35-65	35-65
8	Max. axial load (dynamic)	N	1750	1750	1750	1750	1750	1750	1750
9	Max. radial load, 12 mm from flange	N	2335	2335	2335	2335	2335	2335	2335
10	Weight	Kg	3.5	3.5	3.5	3.5	3.5	3.5	3.5
11	Gear material [2]		S / B	S / B	S / B	S / B	S / B	S / B	S / B

[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

PMDC	+L mm
BRx90-50	153.0
BRx90-75	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