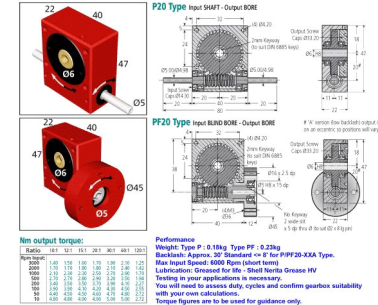




MBA

Gearboxes - Cross Axis - 47.0 x 40.0 x 22.0mm



Worm and Wormwheel box. 1.4 to 2.5Nm. 5:1 to 120:1 ratios. P20 and PF20.

Case: AA15 Red Anodised Aluminum (6082-T6).

Worm: High Carbon Steel 817M40 (40CrNiMo6).

Wheel: Quality Aluminium Bronze (CA104 / AB2).

Threaded Bearing Caps: Mild Steel, chemically blackened (Blackodised).

Fasteners: Steel (non-plated). Bearings : Steel.

Gearboxes - Cross Axis - 47.0 x 40.0 x 22.0mm

Part Number	Ratio	Helix Angle DEG	Number of Starts	Max. Input Speed RPM	Max. Output Speed RPM	Efficiency at 1000 RPM Percent	Input Type	Output Type
# PF20-10	10 : 1	17°08'	6	6000	600	86	Blind Bore	Bore
# P20-10	10 : 1	17°08'	6	6000	600	86	Shaft	Bore
# P20-10A	10 : 1 (Low Backlash 8 of arc)	17°08'	6	6000	600	86	Shaft	Bore
# PF20-10A	10 : 1 (Low Backlash 8 of arc)	17°08'	6	6000	600	86	Blind Bore	Bore

Indicates item not stocked at time of printing - Please enquire for lead time

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Gearboxes - Cross Axis - 47.0 x 40.0 x 22.0mm

Part Number	Ratio	Helix Angle DEG	Number of Starts	Max. Input Speed RPM	Max. Output Speed RPM	Efficiency at 1000 RPM Percent	Input Type	Output Type
# P20-12	12 : 1	14°02'	5	6000	500	85	Shaft	Bore
# PF20-12	12 : 1	14°02'	5	6000	500	85	Blind Bore	Bore
# PF20-12A	12 : 1 (Low Backlash 8 of arc)	14°02'	5	6000	500	85	Blind Bore	Bore
# P20-12A	12 : 1 (Low Backlash 8 of arc)	14°02'	5	6000	500	85	Shaft	Bore
# P20-15	15 : 1	11°26'	4	6000	400	84	Shaft	Bore
# PF20-15	15 : 1	11°26'	4	6000	400	84	Blind Bore	Bore
# PF20-15A	15 : 1 (Low Backlash 8 of arc)	11°26'	4	6000	400	84	Blind Bore	Bore
# P20-15A	15 : 1 (Low Backlash 8 of arc)	11°26'	4	6000	400	84	Shaft	Bore
# P20-20	20 : 1	8°32'	3	6000	300	78	Shaft	Bore
# PF20-20	20 : 1	8°32'	3	6000	300	78	Blind Bore	Bore
# PF20-20A	20 : 1 (Low Backlash 8 of arc)	8°32'	3	6000	300	78	Blind Bore	Bore
# P20-20A	20 : 1 (Low Backlash 8 of arc)	8°32'	3	6000	300	78	Shaft	Bore

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Gearboxes - Cross Axis - 47.0 x 40.0 x 22.0mm

Part Number	Ratio	Helix Angle DEG	Number of Starts	Max. Input Speed RPM	Max. Output Speed RPM	Efficiency at 1000 RPM Percent	Input Type	Output Type
# P20-30	30 : 1	5°42'	2	6000	200	71	Shaft	Bore
# PF20-30	30 : 1	5°42'	2	6000	200	71	Blind Bore	Bore
# PF20-30A	30 : 1 (Low Backlash 8 of arc)	5°42'	2	6000	200	71	Blind Bore	Bore
# P20-30A	30 : 1 (Low Backlash 8 of arc)	5°42'	2	6000	200	71	Shaft	Bore
# PF20-60	60 : 1	2°51'	1	6000	100	60	Blind Bore	Bore
# P20-60	60 : 1	2°51'	1	6000	100	60	Shaft	Bore
# P20-60A	60 : 1 (Low Backlash 8 of arc)	2°51'	1	6000	100	60	Shaft	Bore
# PF20-60A	60 : 1 (Low Backlash 8 of arc)	2°51'	1	6000	100	60	Blind Bore	Bore
# PF20-120	120 : 1	1°31'	1	6000	50	32	Blind Bore	Bore
# P20-120	120 : 1	1°31'	1	6000	50	32	Shaft	Bore
# PF20-120A	120 : 1 (Low Backlash 8 of arc)	1°31'	1	6000	50	32	Blind Bore	Bore
# P20-120A	120 : 1 (Low Backlash 8 of arc)	1°31'	1	6000	50	32	Shaft	Bore

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Ph +61 7 3245 7977

Fax +61 7 3245 1017

Catalogue requests to catalogues@minibearings.com.au

