



# MBA

## Gearboxes - Cross Axis - 130.0 x 110.0 x 46.0mm

Worm and Wormwheel box. 13.4 to 57.0Nm. 5:1 to 120:1 ratios. P55 and PF55 Series.

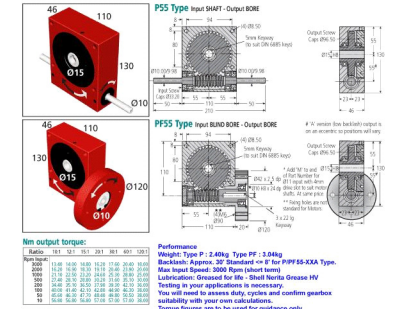
Case: AA15 Red Anodised Aluminum (6082-T6).

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 - 130.0 x 110.0 x 46.0mm

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
# PF55-10	10 : 1	24°13'	6	3000	300	89	Blind Bore	Bore
# P55-10	10 : 1	24°13'	6	3000	300	89	Shaft	Bore
# PF55-10A	10 : 1 (Low Backlash 8 of arc)	24°13'	6	3000	300	89	Blind Bore	Bore
# P55-10A	10 : 1 (Low Backlash 8 of arc)	24°13'	6	3000	300	89	Shaft	Bore

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

E&OE Pricing and all details subject to change without notice - Copyright Miniature Bearings Australia Pty Ltd

MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.

## Gearboxes - Cross Axis - 130.0 x 110.0 x 46.0mm

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
# PF55-12	12 : 1	20 °33'	5	3000	250	88	Blind Bore	Bore
# P55-12	12 : 1	20 °33'	5	3000	250	88	Shaft	Bore
# P55-12A	12 : 1 (Low Backlash 8 of arc)	20 °33'	5	3000	250	88	Shaft	Bore
# PF55-12A	12 : 1 (Low Backlash 8 of arc)	20 °33'	5	3000	250	88	Blind Bore	Bore
# PF55-15	15 : 1	16 °42'	4	3000	200	86	Blind Bore	Bore
# P55-15	15 : 1	16 °42'	4	3000	200	86	Shaft	Bore
# P55-15A	15 : 1 (Low Backlash 8 of arc)	16 °42'	4	3000	200	86	Shaft	Bore
# PF55-15A	15 : 1 (Low Backlash 8 of arc)	16 °42'	4	3000	200	86	Blind Bore	Bore
# PF55-20	20 : 1	12 °40'	3	3000	150	84	Blind Bore	Bore
# P55-20	20 : 1	12 °40'	3	3000	150	84	Shaft	Bore
# P55-20A	20 : 1 (Low Backlash 8 of arc)	12 °40'	3	3000	150	84	Shaft	Bore
# PF55-20A	20 : 1 (Low Backlash 8 of arc)	12 °40'	3	3000	150	84	Blind Bore	Bore

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

E&OE Pricing and all details subject to change without notice - Copyright Miniature Bearings Australia Pty Ltd

MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.

## Gearboxes - Cross Axis - 130.0 x 110.0 x 46.0mm

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
# PF55-30	30 : 1	8°32'	2	3000	100	78	Blind Bore	Bore
# P55-30	30 : 1	8°32'	2	3000	100	78	Shaft	Bore
# PF55-30A	30 : 1 (Low Backlash 8 of arc)	8°32'	2	3000	100	78	Blind Bore	Bore
# P55-30A	30 : 1 (Low Backlash 8 of arc)	8°32'	2	3000	100	78	Shaft	Bore
P55-60	60 : 1	4°17'	1	3000	50	69	Shaft	Bore
# PF55-60	60 : 1	4°17'	1	3000	50	69	Blind Bore	Bore
# PF55-60A	60 : 1 (Low Backlash 8 of arc)	4°17'	1	3000	50	69	Blind Bore	Bore
# P55-60A	60 : 1 (Low Backlash 8 of arc)	4°17'	1	3000	50	69	Shaft	Bore
# PF55-120	120 : 1	2°01'	1	3000	25	47	Blind Bore	Bore
# P55-120	120 : 1	2°01'	1	3000	25	47	Shaft	Bore
# PF55-120A	120 : 1 (Low Backlash 8 of arc)	2°01'	1	3000	25	47	Blind Bore	Bore
# P55-120A	120 : 1 (Low Backlash 8 of arc)	2°01'	1	3000	25	47	Shaft	Bore

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

E&OE Pricing and all details subject to change without notice - Copyright Miniature Bearings Australia Pty Ltd

MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.



DISTRIBUTED BY

Ask us to put your name and address here

<http://www.minibearings.com.au/product>

Ph +61 7 3245 7977

Fax +61 7 3245 1017

Catalogue requests to [catalogues@minibearings.com.au](mailto:catalogues@minibearings.com.au)

