



MBA

Gearboxes - Cross Axis - 110.0 x 95.0 x 38.0mm

Worm and Wormwheel box. 10.3 to 40.0Nm. 5:1 to 120:1 ratios. P45 and PF45 Series.

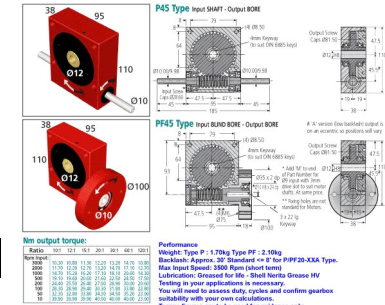
Case: AA15 Red Anodised Aluminum (6082-T6).

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.



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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
# PF45-10	10 : 1	25 °07'	6	3500	350	90	Blind Bore	Bore
# P45-10	10 : 1	25 °07'	6	3500	350	90	Shaft	Bore
# P45-10A	10 : 1 (Low Backlash 8 of arc)	25 °07'	6	3500	350	90	Shaft	Bore
# PF45-10A	10 : 1 (Low Backlash 8 of arc)	25 °07'	6	3500	350	90	Blind Bore	Bore

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

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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
P45-12	12 : 1	21 °20'	5	3500	291	89	Shaft	Bore
# PF45-12	12 : 1	21 °20'	5	3500	291	89	Blind Bore	Bore
# PF45-12A	12 : 1 (Low Backlash 8 of arc)	21 °20'	5	3500	291	89	Blind Bore	Bore
# P45-12A	12 : 1 (Low Backlash 8 of arc)	21 °20'	5	3500	291	89	Shaft	Bore
# P45-15	15 : 1	17 °21'	4	3500	233	86	Shaft	Bore
# PF45-15	15 : 1	17 °21'	4	3500	233	86	Blind Bore	Bore
# P45-15A	15 : 1 (Low Backlash 8 of arc)	17 °21'	4	3500	233	86	Shaft	Bore
# PF45-15A	15 : 1 (Low Backlash 8 of arc)	17 °21'	4	3500	233	86	Blind Bore	Bore
# P45-20	20 : 1	13 °11'	3	3500	175	85	Shaft	Bore
# PF45-20	20 : 1	13 °11'	3	3500	175	85	Blind Bore	Bore
# P45-20A	20 : 1 (Low Backlash 8 of arc)	13 °11'	3	3500	175	85	Shaft	Bore
# PF45-20A	20 : 1 (Low Backlash 8 of arc)	13 °11'	3	3500	175	85	Blind Bore	Bore

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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
# P45-30	30 : 1	8°53'	2	3500	116	78	Shaft	Bore
# PF45-30	30 : 1	8°53'	2	3500	116	78	Blind Bore	Bore
# P45-30A	30 : 1 (Low Backlash 8 of arc)	8°53'	2	3500	116	78	Shaft	Bore
# PF45-30A	30 : 1 (Low Backlash 8 of arc)	8°53'	2	3500	116	78	Blind Bore	Bore
# PF45-60	60 : 1	4°28'	1	3500	58	67	Blind Bore	Bore
# P45-60	60 : 1	4°28'	1	3500	58	67	Shaft	Bore
# P45-60A	60 : 1 (Low Backlash 8 of arc)	4°28'	1	3500	58	67	Shaft	Bore
# PF45-60A	60 : 1 (Low Backlash 8 of arc)	4°28'	1	3500	58	67	Blind Bore	Bore
# PF45-120	120 : 1	2°27'	1	3500	29	47	Blind Bore	Bore
# P45-120	120 : 1	2°27'	1	3500	29	47	Shaft	Bore
# P45-120A	120 : 1 (Low Backlash 8 of arc)	2°27'	1	3500	29	47	Shaft	Bore
# PF45-120A	120 : 1 (Low Backlash 8 of arc)	2°27'	1	3500	29	47	Blind Bore	Bore

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