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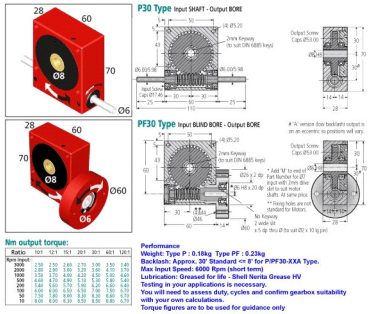
Gearboxes - Cross Axis - 70.0 x 60.0 x 28.0mm



Worm and Wormwheel box. 2.5 to 8.8Nm. 5:1 to 120:1 ratios. P30 and PF30 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
# P30-10	10 : 1	24°13'	6	5000	500	90	Shaft	Bore
# PF30-10	10 : 1	24°13'	6	5000	500	90	Blind Bore	Bore
# P30-10A	10 : 1 (Low Backlash 8 of arc)	24°13'	6	5000	500	90	Shaft	Bore
# PF30-10A	10 : 1 (Low Backlash 8 of arc)	24°13'	6	5000	500	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
# PF30-12	12 : 1	20°33'	5	5000	416	88	Blind Bore	Bore
# P30-12	12 : 1	20°33'	5	5000	416	88	Shaft	Bore
# P30-12A	12 : 1 (Low Backlash 8 of arc)	20°33'	5	5000	416	88	Shaft	Bore
# PF30-12A	12 : 1 (Low Backlash 8 of arc)	20°33'	5	5000	416	88	Blind Bore	Bore
# PF30-15	15 : 1	16°42'	4	5000	333	86	Blind Bore	Bore
# P30-15	15 : 1	16°42'	4	5000	333	86	Shaft	Bore
# PF30-15A	15 : 1 (Low Backlash 8 of arc)	16°42'	4	5000	333	86	Blind Bore	Bore
# P30-15A	15 : 1 (Low Backlash 8 of arc)	16°42'	4	5000	333	86	Shaft	Bore
# PF30-20	20 : 1	12°40'	3	5000	250	84	Blind Bore	Bore
# P30-20	20 : 1	12°40'	3	5000	250	84	Shaft	Bore
# PF30-20A	20 : 1 (Low Backlash 8 of arc)	12°40'	3	5000	250	84	Blind Bore	Bore
# P30-20A	20 : 1 (Low Backlash 8 of arc)	12°40'	3	5000	250	84	Shaft	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
# P30-30	30 : 1	8°32'	2	5000	166	78	Shaft	Bore
# PF30-30	30 : 1	8°32'	2	5000	166	78	Blind Bore	Bore
# P30-30A	30 : 1 (Low Backlash 8 of arc)	8°32'	2	5000	166	78	Shaft	Bore
# PF30-30A	30 : 1 (Low Backlash 8 of arc)	8°32'	2	5000	166	78	Blind Bore	Bore
P30-60	60 : 1	4°15'	1	5000	83	70	Shaft	Bore
# PF30-60	60 : 1	4°15'	1	5000	83	70	Blind Bore	Bore
P30-60-DRWG-PS-ID-P116	60 : 1	4°15'	1	5000	83	70	Shaft	Bore
# P30-60A	60 : 1 (Low Backlash 8 of arc)	4°15'	1	5000	83	70	Shaft	Bore
# PF30-60A	60 : 1 (Low Backlash 8 of arc)	4°15'	1	5000	83	70	Blind Bore	Bore
# PF30-120	120 : 1	1°54'	1	5000	41.66	40	Blind Bore	Bore
# P30-120	120 : 1	1°54'	1	5000	41.66	40	Shaft	Bore
# PF30-120A	120 : 1 (Low Backlash 8 of arc)	1°54'	1	5000	41.66	40	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
# P30-120A	120 : 1 (Low Backlash 8 of arc)	1°54'	1	5000	41.66	40	Shaft	Bore

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