

Inline Spur Gear Reducers

Output Torque Ratio
0.43 - 1.15Nm 140:1 - 625:1

Double or Single Shafted

J53 / XJ53

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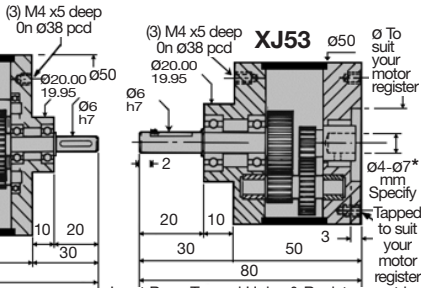
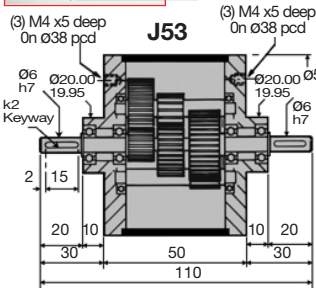
INLINE SPUR GEAR REDUCERS

Gearboxes



Plastic Body
Mid-Section

WEIGHT	0.14 Kg
BACKLASH	3° - 6° Depending on Ratio
HOURS LIFE	12000
MAX INPUT SPEED	4000 rpm
MATERIAL :	
CASE MAT'L	Derlin Body / Aluminium Caps
GEAR MAT'L	High Carbon Steel 817M40 (EN24)
GREASED FOR LIFE	Shell Alvania



Input Bore, Tapped Holes & Register must be specified when ordering.

N.m.	RPM Input	Reduction ratio						
		140:1	160:1	200:1	300:1	400:1	500:1	625:1
Output Torque	4000	0.43	0.45	0.46	0.51	0.53	0.55	0.58
	2000	0.50	0.52	0.53	0.58	0.59	0.61	0.63
	1000	0.56	0.57	0.58	0.63	0.65	0.67	0.69
	500	0.63	0.67	0.69	0.69	0.79	0.84	0.96
	200	0.76	0.79	0.79	0.79	0.91	0.99	1.15
	100	0.86	0.91	0.91	0.91	1.15	1.15	1.15
	50	0.95	0.95	0.95	0.95	1.15	1.15	1.15
	10	1.15	1.15	1.15	1.15	1.15	1.15	1.15

specified when ordering.

*Plain bore, no keyslot

DISCOUNTS	
1 - 5	List Price
6 - 19	-5%
20 - 49	-10%
50 - 99	-15%
100 +	-20%

PART NUMBER	Ratio	Max O/P Speed rpm	N.M. Rating @ 1000 rpm	Mod.	Standard Direction	PRICE EACH 1-5
HPCJ53-140 HPCXJ53-140	140:1	29	0.56	0.4	Same	£276.35
HPCJ53-160 HPCXJ53-160	160:1	25	0.57	0.4	Same	£276.35
HPCJ53-200 HPCXJ53-200	200:1	20	0.58	0.4	Same	£276.35
HPCJ53-300 HPCXJ53-300	300:1	13	0.63	0.4	Same	£276.35
HPCJ53-400 HPCXJ53-400	400:1	10	0.65	0.4	Same	£276.35
HPCJ53-500 HPCXJ53-500	500:1	8	0.67	0.4	Same	£276.35
HPCJ53-625 HPCXJ53-625	625:1	6.4	0.69	0.4	Same	£276.35
HPCJ53-SP or HPCXJ53-SP	Special Ratios: Replace SP with required ratio					£315.91

Other Info.

Testing in your application is necessary.

You will need to assess duty, cycles and confirm gearbox suitability with your own calculations.

Torque figures are to be used for guidance only.

Efficiency @ 1000 R.P.M.: 85%

1.62



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