

Inline Spur Gear Reducers

Output Torque Ratio
0.16 - 0.49Nm 2:1 - 20:1

Double or Single Shafted

J51 / XJ51

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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

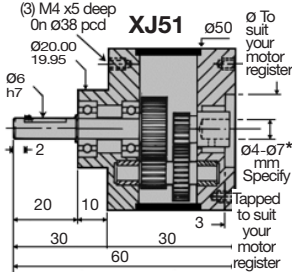
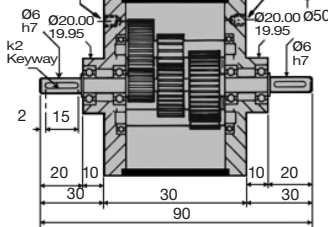
(3) M4 x5 deep
0n Ø38 pcd

J51

(3) M4 x5 deep
0n Ø38 pcd

XJ51

(3) M4 x5 deep
0n Ø38 pcd



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

N.m.	RPM Input	Reduction ratio							
		2:1	3:1	4:1	5:1	10:1	15:1	20:1	
Output Torque	4000	0.16	0.15	0.14	0.13	0.15	0.17	0.18	
	2000	0.19	0.18	0.17	0.15	0.18	0.20	0.21	
	1000	0.22	0.22	0.20	0.18	0.21	0.22	0.23	
	500	0.27	0.25	0.23	0.21	0.24	0.25	0.27	
	200	0.32	0.30	0.27	0.25	0.28	0.30	0.32	
	100	0.36	0.33	0.30	0.28	0.32	0.34	0.36	
	50	0.40	0.38	0.35	0.32	0.36	0.37	0.42	
	10	0.48	0.45	0.41	0.38	0.43	0.44	0.49	

*Plain bore, no keyslot

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

PART NUMBER	PART NUMBER	Ratio	Max O/P Speed rpm	N.M. Rating @ 1000 rpm	Mod.	Standard Direction	PRICE EACH 1-5	
HPCJ51-2	HPCXJ51-2	2:1	2000	0.22	0.4	Same	£149.69	
HPCJ51-3	HPCXJ51-3	3:1	1333	0.22	0.4	Same	£149.69	
HPCJ51-4	HPCXJ51-4	4:1	1000	0.20	0.4	Same	£149.69	
HPCJ51-5	HPCXJ51-5	5:1	800	0.18	0.4	Same	£149.69	
HPCJ51-10	HPCXJ51-10	10:1	400	0.21	0.4	Same	£149.69	
HPCJ51-15	HPCXJ51-15	15:1	266	0.22	0.4	Same	£149.69	
HPCJ51-20	HPCXJ51-20	20:1	200	0.23	0.4	Same	£149.69	
HPCJ51-SP or HPCXJ51-SP		Special Ratios: Replace SP with required ratio						£210.38

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: 92%

1.60



Unit 14, Foxwood Industrial Park, Foxwood Rd. Chesterfield, Derbyshire S41 9RN

Telephone +44(0)1246 268080 Fax +44(0)1246 260003