

# Inline Spur Gear Reducers

Output Torque Ratio  
3.20 - 9.60Nm 12:1 - 54:1

## Double or Single Shafted

L84 / XL84

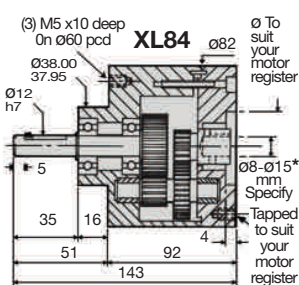
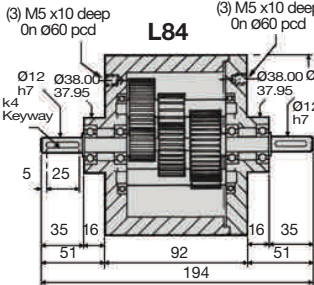
L84 / XL84

INLINE SPUR GEAR REDUCERS

Gearboxes



<b>WEIGHT</b>	1.00/2.00 Kg
<b>BACKLASH</b>	3°- 6° Depending on Ratio
<b>HOURS LIFE</b>	12000
<b>MAX INPUT SPEED</b>	4000 rpm
<b>MATERIAL :</b>	
<b>CASE MAT'L</b>	Aluminium Body & Caps
<b>GEAR MAT'L</b>	High Carbon Steel 817M40 (EN24)
<b>GREASED FOR LIFE</b>	Shell Alvania



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

N.m.	RPM Input	Reduction ratio				
		12:1	16:1	18:1	24:1	27:1
Output Torque	4000	3.20	3.30	3.40	3.40	3.50
	2000	4.00	4.00	4.20	4.30	4.30
	1000	4.60	4.70	4.80	4.80	4.90
	500	5.00	5.10	5.10	5.20	5.30
	200	6.00	6.10	6.20	6.30	6.50
	100	7.00	7.00	7.10	7.10	7.30
	50	8.10	8.10	8.30	8.30	8.40
	20	9.20	9.30	9.30	9.50	9.60

\*Plain bore, no keyslot

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

PART NUMBER	Max O/P Speed rpm	N.M. Rating @ 1000 rpm	Standard Direction	PRICE EACH 1-5
HPCL84-12 HPCXL84-12	12:1 333	4.6	1.25 Opposite	£647.51
HPCL84-16 HPCXL84-16	16:1 250	4.7	1.25 Opposite	£647.51
HPCL84-18 HPCXL84-18	18:1 222	4.8	1.25 Opposite	£647.51
HPCL84-24 HPCXL84-24	24:1 166	4.8	1.25 Opposite	£647.51
HPCL84-27 HPCXL84-27	27:1 148	4.9	1.25 Opposite	£647.51
HPCL84-32 HPCXL84-32	32:1 125	4.9	1.25 Same	£647.51
HPCL84-54 HPCXL84-54	54:1 74	5.0	1.25 Same	£647.51
HPCL84-SP or HPCXL84-SP	Special Ratios: Replace SP with required ratio			£719.54

### 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: 88%

1.72



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