

Inline Spur Gear Reducers

Output Torque Ratio
8.8 - 25.0Nm 10:1 - 27:1

Double or Single Shafted

L102 / XL101

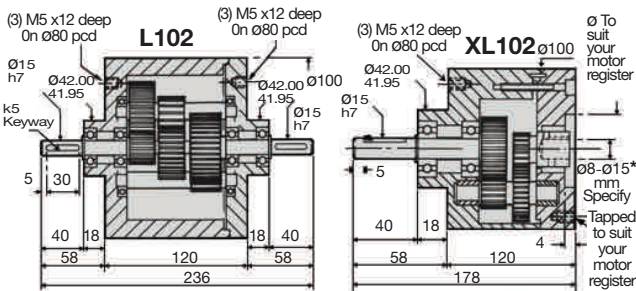
L101 / XL102



WEIGHT	1.50/2.50 Kg
BACKLASH	3°- 6° Depending on Ratio
HOURS LIFE	12000
MAX INPUT SPEED	3000 rpm
MATERIAL :	
CASE MAT'L	Aluminium Body & Caps
GEAR MAT'L	High Carbon Steel 817M40 (EN24)
GREASED FOR LIFE	Shell Alvania

INLINE SPUR GEAR REDUCERS

Gearboxes



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

N.m.	RPM Input	Reduction ratio					
		10:1	12:1	15:1	18:1	24:1	27:1
Output Torque	3000	8.8	8.9	9.0	9.1	9.5	10.0
	2000	9.3	9.4	9.7	10.0	10.4	10.8
	1000	10.8	11.0	11.0	11.2	11.5	12.0
	500	12.4	12.5	12.5	12.7	13.5	14.0
	200	14.1	14.5	14.7	15.0	15.7	16.5
	100	16.1	16.6	16.7	17.0	17.5	18.2
	50	18.6	19.2	19.5	19.7	20.0	20.4
	10	21.7	22.4	22.6	23.0	23.8	25.0

*Plain bore, no keylot

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
HPCL102-10 HPCXL102-10	10:1	300	10.80	1.50	Opposite	£692.13
HPCL102-12 HPCXL102-12	12:1	250	11.00	1.50	Opposite	£692.13
HPCL102-15 HPCXL102-15	15:1	200	11.00	1.50	Opposite	£692.13
HPCL102-18 HPCXL102-18	18:1	166	11.20	1.50	Opposite	£692.13
HPCL102-24 HPCXL102-24	24:1	125	11.50	1.50	Opposite	£692.13
HPCL102-27 HPCXL102-27	27:1	111	12.00	1.50	Opposite	£692.13
HPCL102-SP or HPCXL102-SP	Special Ratios: Replace SP with required ratio					£779.62

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%

1.74



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