

Inline Spur Gear Reducers

Output Torque Ratio
13.3- 40.0Nm 10:1 - 27:1

Double or Single Shafted

L116 / XL116

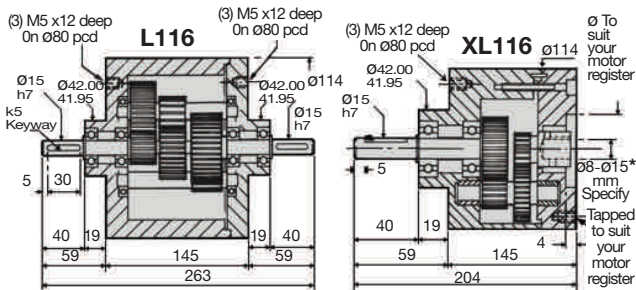
L116 / XL116



WEIGHT	3.00/4.00 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	27:1
Output Torque	3000	13.3	13.6	14.0	14.5	15.8
	2000	14.0	14.6	15.1	15.8	17.2
	1000	16.5	17.0	17.3	17.8	19.2
	500	18.8	19.0	19.5	20.2	22.0
	200	22.0	22.3	23.0	24.0	26.0
	100	25.0	25.3	26.0	27.0	29.0
	50	28.8	29.1	30.2	31.2	32.2
	10	34.0	34.0	35.5	38.0	40.0

*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
HPCL116-10 HPCXL116-10	10:1	300	16.50	1.75 Opposite	£733.39
HPCL116-12 HPCXL116-12	12:1	250	17.00	1.75 Opposite	£733.39
HPCL116-15 HPCXL116-15	15:1	200	17.30	1.75 Opposite	£733.39
HPCL116-18 HPCXL116-18	18:1	167	17.80	1.75 Opposite	£733.39
HPCL116-27 HPCXL116-27	27:1	111	19.20	1.75 Opposite	£733.39
HPCL116-SP or HPCXL116-SP	Special Ratios: Replace SP with required ratio				£837.31

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%

1.76



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