

Ratio
2:1 - 9:1

Output Torque
2.6-9.4Nm

Inline Spur Gear Reducers

L83 / XL83

Double or Single Shafted

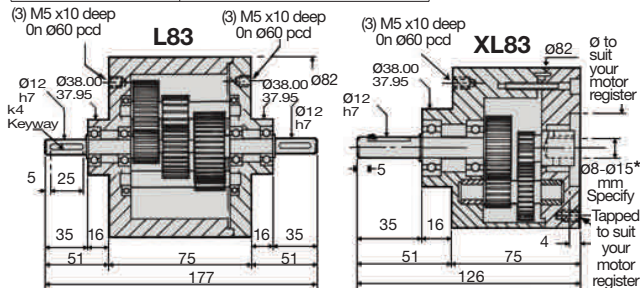
WEIGHT	1.00/2.00 Kg
BACKLASH	3°- 6° Depending on Ratio
HOURS LIFE	12000
MAX INPUT SPEED	4000 rpm
MATERIAL :	
CASE MAT'L	Aluminium Body & Caps
GEAR MAT'L	High Carbon Steel 817M40 (EN24)
GREASED FOR LIFE	Shell Alvania



Gearboxes

DOUBLE OR SINGLE SHAFTED

L83 / XL83



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

*Plain bore, no keyslot

N.m.	RPM Input	Reduction ratio							
		2:1	3:1	4:1	5:1	6:1	8:1	9:1	
Output Torque	4000	2.6	2.8	3.1	3.2	3.2	3.4	3.5	
	2000	3.1	3.3	3.6	3.6	3.7	3.8	3.9	
	1000	3.6	3.8	4.2	4.3	4.2	4.4	4.5	
	500	4.2	4.4	4.7	4.8	4.7	4.9	5.1	
	200	4.8	5.2	5.5	5.5	5.5	5.8	6.0	
	100	5.5	5.8	6.2	6.4	6.3	6.5	6.8	
	50	6.2	6.7	7.4	7.5	7.3	7.5	7.9	
	20	7.4	7.8	8.4	8.8	8.8	9.1	9.4	

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	% Effi. @ 1000 rpm	Standard Direction	PRICE EACH 1-5
HPCL83-2 HPCXL83-2	2:1	2000	3.6	92	Same	£570.75
HPCL83-3 HPCXL83-3	3:1	1333	3.8	92	Same	£570.75
HPCL83-4 HPCXL83-4	4:1	1000	4.2	92	Same	£570.75
HPCL83-5 HPCXL83-5	5:1	800	4.3	92	Same	£570.75
HPCL83-6 HPCXL83-6	6:1	600	4.2	92	Same	£570.75
HPCL83-8 HPCXL83-8	8:1	500	4.4	92	Same	£570.75
HPCL83-9 HPCXL83-9	9:1	444	4.5	92	Same	£570.75
HPCL83-SP or HPCXL83-SP	Special Ratios: Replace SP with required ratio					£640.63

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.

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