

Inline Spur Gear Reducers

Output Torque Ratio
1.9 - 5.0Nm 36:1 - 81:1

Double or Single Shafted

K85 / XK85

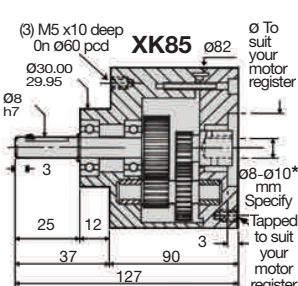
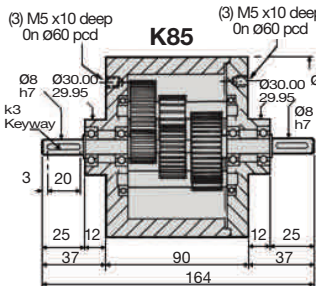
K85 / XK85



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

INLINE SPUR GEAR REDUCERS

Gearboxes



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

N.m.	RPM Input	Reduction ratio			
		36:1	45:1	54:1	81:1
Output Torque	4000	1.90	1.92	1.95	2.10
	2000	2.18	2.20	2.22	2.30
	1000	2.43	2.46	2.49	2.60
	500	2.75	2.78	2.80	2.86
	200	3.18	3.22	3.26	3.30
	100	3.68	3.72	3.78	3.85
	50	4.18	4.26	4.29	4.36
	20	4.88	4.93	4.97	5.00

*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
HPCK85-36 HPCXK85-36	36:1	111	2.43	0.8	Same	£492.97
HPCK85-45 HPCXK85-45	45:1	88	2.46	0.8	Same	£492.97
HPCK85-54 HPCXK85-54	54:1	74	2.49	0.8	Same	£492.97
HPCK85-81 HPCXK85-81	81:1	49	2.60	0.8	Same	£492.97
HPCK85-SP or HPCXK85-SP	Special Ratios: Replace SP with required ratio					£564.70

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.: 85%

1.70



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