

Inline Spur Gear Reducers

Output Torque Ratio
0.8 - 2.95Nm 15:1 - 64:1

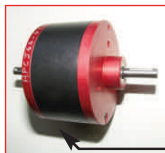
Double or Single Shafted

J65 / XJ65

J65 / XJ65

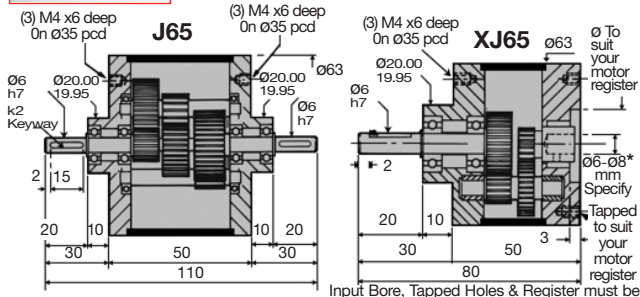
INLINE SPUR GEAR REDUCERS

Gearboxes



Plastic Body
Mid-Section

| | |
|-------------------------|---------------------------------|
| WEIGHT | 0.3 Kg |
| BACKLASH | 3° - 6° Depending on Ratio |
| HOURS LIFE | 12000 |
| MAX INPUT SPEED | 4000 rpm |
| MATERIAL : | |
| CASE MAT'L | Derlin Body / Aluminium Caps |
| GEAR MAT'L | High Carbon Steel 817M40 (EN24) |
| GREASED FOR LIFE | Shell Alvania |



| N.m. | RPM Input | Reduction ratio | | | | | | |
|---------------|-----------|-----------------|------|------|------|------|------|------|
| | | 15:1 | 20:1 | 24:1 | 32:1 | 40:1 | 48:1 | 64:1 |
| Output Torque | 4000 | 0.80 | 0.81 | 0.91 | 0.92 | 0.89 | 0.91 | 0.92 |
| | 2000 | 0.91 | 0.93 | 1.04 | 1.05 | 1.03 | 1.04 | 1.06 |
| | 1000 | 1.05 | 1.10 | 1.16 | 1.20 | 1.16 | 1.19 | 1.23 |
| | 500 | 1.20 | 1.27 | 1.35 | 1.41 | 1.37 | 1.40 | 1.45 |
| | 200 | 1.40 | 1.63 | 1.58 | 1.63 | 1.56 | 1.61 | 1.63 |
| | 100 | 1.48 | 1.71 | 1.80 | 1.85 | 1.73 | 1.82 | 1.87 |
| | 50 | 1.86 | 2.02 | 1.95 | 2.00 | 1.94 | 1.95 | 1.96 |
| | 10 | 2.20 | 2.30 | 2.36 | 2.45 | 2.36 | 2.40 | 2.95 |

specified when ordering.

*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 |
|-------------------------|--|-------------------|------------------------|------|--------------------|----------------|
| HPCJ65-15 HPCXJ65-15 | 15:1 | 266 | 1.05 | 0.5 | Opposite | £232.93 |
| HPCJ65-20 HPCXJ65-20 | 20:1 | 200 | 1.10 | 0.5 | Opposite | £232.93 |
| HPCJ65-24 HPCXJ65-24 | 24:1 | 166 | 1.16 | 0.5 | Opposite | £232.93 |
| HPCJ65-32 HPCXJ65-32 | 32:1 | 125 | 1.20 | 0.5 | Opposite | £232.93 |
| HPCJ65-40 HPCXJ65-40 | 40:1 | 100 | 1.16 | 0.5 | Opposite | £232.93 |
| HPCJ65-48 HPCXJ65-48 | 48:1 | 83 | 1.19 | 0.5 | Opposite | £232.93 |
| HPCJ65-64 HPCXJ65-64 | 64:1 | 62 | 1.23 | 0.5 | Opposite | £232.93 |
| HPCJ65-SP or HPCXJ65-SP | Special Ratios: Replace SP with required ratio | | | | | £274.06 |

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%

1.64



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