



Flange and Shaft

| Code | Description |
|-------|---|
| 52DCF | Model 52 Double Reduction Center Flange Mount |
| 4 | 20 Tooth 6/12 Spline Shaft |

Motor Adapter Options

| Code | Description |
|------|----------------------------|
| 6 | SAE C 5.00" Pilot 2&4 Bolt |
| 2 | SAE A 3.25" Pilot 4 Bolt |
| 7 | SAE D 6.00" Pilot 2&4 Bolt |

Ratio Options

| Code | Description |
|------|---------------------------|
| 29 | 28.8 : 1 Double Reduction |
| 36 | 36.0 : 1 Double Reduction |

Order Information and Model Code

| | | | | | |
|--------|-------|---------------|-------|-------------|-----------------|
| 52DCF | 4 | | | | |
| Flange | Shaft | Motor Adapter | Ratio | Design Code | Special Options |

Sungear (Input Motor Shaft) Options

| Code | Description |
|------|--|
| 20F6 | 6.0: 1 Ratio Charlynn 4000 Bearingless |
| 20G4 | 4.8: 1 Ratio Charlynn 6000 Bearingless |
| 20G6 | 6.0: 1 Ratio Charlynn 6000 Bearingless |
| 20I4 | 4.8: 1 Ratio 1-1/4" - 14T Spline 12/24 DP |
| 20I6 | 6.0: 1 Ratio 1-1/4" - 14T Spline 12/24 DP |
| 20F4 | 4.8: 1 Ratio Charlynn 4000 Bearingless |
| 25L4 | 4.8: 1 Ratio 1-1/2" - 17T Spline 12/24 DP |
| 25L6 | 6.0: 1 Ratio 1-1/2" - 17T Spline 12/24 DP |
| 25K6 | 6.0: 1 Ratio 1-3/4" - 13T Spline 8/164 DP |
| 25L | Spacer for Charlynn 6000 & VIS Standard Motors |

Performance Data

| Torque | in-lbs | ft-lbs | Nm |
|--------------------|----------------|---------------|------------|
| Continuous | 140,000 in-lbs | 11,665 ft-lbs | 15,820 Nm |
| Intermittent | 160,000 in-lbs | 13,330 ft-lbs | 18,080 Nm |
| Peak | 180,000 in-lbs | 15,000 ft-lbs | 20,335 Nm |
| Radial Load | | | 40,000 lbs |
| Approximate Weight | | | 275 lbs |
| | Ratio | Output rpm | Input rpm |
| Maximum Speed | 36 | 40 | 1500 |
| Maximum Speed | 28.8 | 40 | 1200 |

* Maximum life in high torque applications will be achieved at lower output speeds. Conversely, maximum life in high speed applications will be achieved at lower output torques.

Radial Load Chart