



### Flange and Shaft

Code	Description
25AF	Model 25 A Flange Mount
22	8 Hole Flanged Shaft with 5/8" Studs Shaft

### Motor Adapter Options

Code	Description
6	SAE C 5.00" Pilot 2&4 Bolt
2	SAE A 3.25" Pilot 4 Bolt

### Ratio Options

Code	Description
4	4.8 : 1 Single Reduction
6	6.0 : 1 Single Reduction

### Order Information and Model Code

25AF	22				
Flange	Shaft	Motor Adapter	Ratio	Design Code	Special Options

### Sungear (Input Motor Shaft) Options

Code	Description
20F4	4.8:1 Ratio Charlynn 4000 Bearingless
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
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

### Performance Data

Torque	in-lbs	ft-lbs	Nm
Continuous	85,000 in-lbs	7,080 ft-lbs	9,605 Nm
Intermittent	110,000 in-lbs	9,165 ft-lbs	12,425 Nm
Peak	135,000 in-lbs	11,250 ft-lbs	15,225 Nm
Radial Load	30,000 lbs		
Approximate Weight	130 lbs		
Maximum Speed	Ratio 4.8	Output rpm 250	Input rpm 1200
Maximum Speed	Ratio 6	Output rpm 250	Input rpm 1500

\* 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

**Shaft Load vs. Load Position**  
**18,000,000 Revolution  $L_{10}$  Life**  
**85W-140 Gear Oil**

