



Flange and Shaft

Code	Description
25FF	Model 25 Front Flange Mount
4	23 Tooth 8/16 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
4	4.8 : 1 Single Reduction
6	6.0 : 1 Single Reduction

Order Information and Model Code

25FF	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
25K4	4.8:1 Ratio 1-3/4" - 13T Spline 8/164 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	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

	Ratio	Output rpm	Input rpm
Maximum Speed	4.8	250	1200
Maximum Speed	6	250	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 L₁₀ Life
85W-140 Gear Oil

