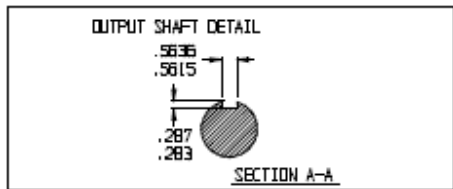


Flange and Shaft

Code	Description
16CF	Model 16 Center Flange Mount
3	2.250" J501 Tapered Shaft Shaft



Motor Adapter Options

Code	Description
0	SAE B 4.00" Pilot 4 Bolt
4	SAE A 3.25" Pilot 2&4 Bolt
5	SAE B 4.00" Pilot 2 Bolt
6	SAE C 5.00" Pilot 2&4 Bolt

Ratio Options

Code	Description
5	5.2 : 1 Single reduction

Order Information and Model Code

16CF	3				
Flange	Shaft	Motor Adapter	Ratio	Design Code	Special Options

Sungear (Input Motor Shaft) Options

Code	Description
16B	7/8" 13T Spline 16/32 DP (1.40" to 1.75" shaft length)
16D	1" Straight Keyed (1.80" to 2.10" shaft length)
16H	1-1/4" Straight Keyed (2.05" to 2.40" shaft length)
16I	1-1/4" 14T Spline 12/24 DP (2.00" to 2.32" shaft length)
16M	1" SAE 6B Spline (1.95" to 2.30" shaft length)
16E	Charlynn 2000 Bearingless
16F	Charlynn 4000 Bearingless
16S	Danfoss OMSS
16-4000-H	1-1/4" Straight Keyed for Charlynn Standard 4000 Motor
16-4000-I	1-1/4" 14T Spline 12/24 DP for Charlynn Standard 4000 Motor

Performance Data

Torque	in-lbs	ft-lbs	Nm
Continuous	30,000 in-lbs	2,500 ft-lbs	3,390 Nm
Intermittent	45,000 in-lbs	3,750 ft-lbs	5,085 Nm
Peak	60,000 in-lbs	5,000 ft-lbs	6,780 Nm
Radial Load			20,000 lbs
Approximate Weight			65 lbs
Maximum Speed	Ratio 5.2	Output rpm 450	Input rpm 2300

* 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

