



1 .607-56 UNS-2B	
MAJOR DIAMETER (THEORETICAL)	.607
THREADS PER INCH	56
THREAD ANGLE	(60°)
PITCH DIAMETER	.5954/.5992
MINOR DIAMETER	.5880/.5920

2 .607-56 UNS-2A	
MAJOR DIAMETER	.6061/.6020
THREADS PER INCH	56
THREAD ANGLE	(60°)
PITCH DIAMETER	.5945/.5916
MINOR DIAMETER (REFERENCE)	.5868

[*] denotes millimeters
Specification subject to change without notice

Ratio	Standard	On request	Units
	6	36	
1 Number of gear stages	1	2	-
2 Efficiency	90	81	%
3 Length L	17.1 (.672)	24.7 (.974)	mm (in)
4 Length Tolerance (+/-)	.10 (.004)	.13 (.005)	mm (in)
5 Weight	26 (.9)	36 (1.3)	g (oz)
6 Available with Motor: L2 = Length with motor			
B0610	62.6 (2.464)	70.3 (2.766)	mm (in)
B0614	73.2 (2.882)	80.9 (3.184)	mm (in)
B0616	77.3 (3.042)	84.9 (3.344)	mm (in)

Characteristics			
7 Max torque output		1.0 (144)	Nm (oz-in)
8 Max input speed		80,000	rpm
9 Rotation input to output		Same	-
10 Bearings		Ball bearings	-
11 Shaft Load max.:			
radial (static) @ 5 mm (.197)		145 (32)	N (lb)
axial (static)		56 (12)	N (lb)
12 Average Backlash @ no-load	97	113	Minutes of angle
13 Tolerances	Tolerances on all values ±10% unless otherwise specified		

Options			
14 Autoclavable		YES	-
15 Shaft seal		YES	-
16 Custom lubrication		YES	-
17 Custom ratio		YES	-

Motor + gearbox = L2

