

GEARLESS SPEED REDUCER
 HIGH EFFICIENCY
 LOW NOISE LEVEL
 MAINTENANCE FREE
 BUILT-IN OVERRUNNING CLUTCH OPTION
 INFINITE RATIOS UP TO 5:1

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► **MATERIAL:**

- Housing** - Aluminum, Anodized
- Mounting Flanges** - Aluminum, Anodized
- Output Shaft** - 52100 Steel, Hardened
- Bearings** - Precision Angular Contact

► **OPERATING TEMPERATURE:**

+32°F to +180°F

► **FEATURES:**

- Standard NEMA sizes or Custom
- 84% reduction of motor torque ripple at output shaft
- No dynamic friction
- Smooth operation
- Long product life

► **SPECIFICATIONS:**

Shaft Loading - Radial: 50 lbs.
Axial: 50 lbs.

Min. Efficiency: 75%
Backlash: 15 arc min.



Fig. 1:
 1-Way Direction with
 Overrunning Clutch

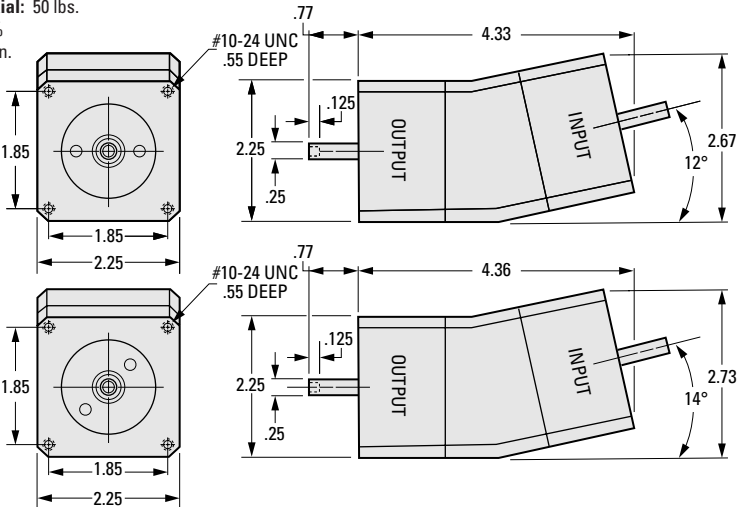


Fig. 2:
 2-Way Direction

INCH COMPONENT

Catalog Number	Ratio	Max. Rated Input rpm	Torque lbf in.
Fig. 1. - 1-Way Direction with Overrunning Clutch			
S9123T-A002	2:1	3600	10-20
S9123T-A003	3:1		
S9123T-A004	4:1		
S9123T-A005	5:1		
Fig. 2. - 2-Way Direction			
S9123T-B002	2:1	3600	20-30
S9123T-B003	3:1		
S9123T-B004	4:1		
S9123T-B005	5:1		

NOTE: Other ratios available on special order.

- I
- R
- T
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- NEW**
- 12
- 13
- 14
- 15
- 16