TRACTION DRIVE • NEMA SIZE 17

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

> 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

NOTE: Other ratios available on special order.

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