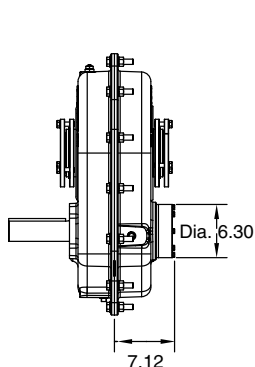
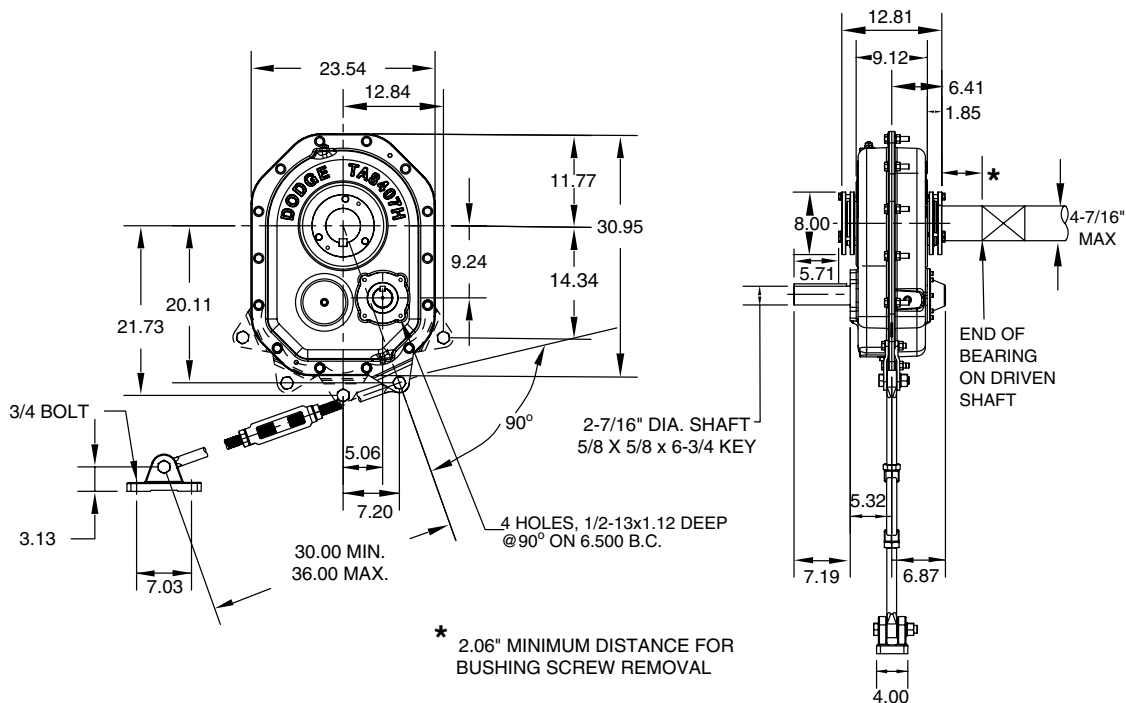


SELECTION/DIMENSIONS

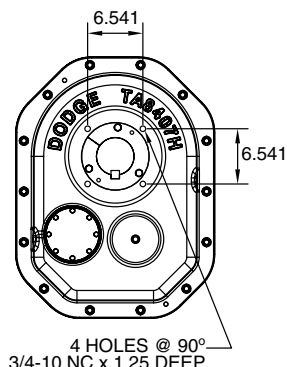


TORQUE-ARM II Shaft Mount Speed Reducers

TAPER BUSHED REDUCERS - TA8407H, DOUBLE REDUCTION



REDUCER WITH BACKSTOP



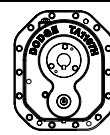
FLANGE MOUNTING DIMENSIONS

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TORQUE-ARM II Shaft Mount Speed Reducers

TAPER BUSHED REDUCERS - TA8407H, DOUBLE REDUCTION

TA8407H Taper Bushed Reducers ⁽¹⁾

Reducer Size	Part Number	AGMA Code	Actual Ratio	Weight lbs.
TA8407H15	908002	407D15	15.12	511.0
TA8407H25	908001	407D25	24.97	511.0
TA8407H40	908000	407D40	39.67	507.0

- (1) Reducers are supplied from stock ready for vertical mounting and for flange mounting. Rod assembly is not included with reducer. Order as a separate part number.

TA8407H Accessories

Description	Part Number	Weight lbs.
TA7315/8407RA Rod Assembly ⁽¹⁾	907109	43.2
TA8407BS Backstop Assembly ⁽²⁾	908102	15.0
TA8407BS 40:1 Backstop Assembly ⁽²⁾	908103	15.7
TA7315/8407MM Motor Mount Assembly (213-405T) ⁽³⁾	907090	183.3
TA7315/8407BG Belt Guard - Pos. B (213-405T)	907096	147.2
TA7315/8407BG Belt Guard - Pos. C (213-405T)	907097	152.7
TA7315/8407CF Cooling Fan Assembly ●	907106	10.0
TA4-TA12 Vertical Breather Kit	904112	3.0
Filter Breather Kit	430049	0.2

- (2) See page 129 for input shaft speed necessary for backstop sprag lift-off
- (3) Motor Mount will fit NEMA and IEC frame motors; however hardware are inch dimensions
- See page 122 for cooling fan dimensions

TA8407H Tapered Bushing Kits ^{(5) (6)}

Bushing Size	Part Number (7)	Weight lbs.	Shaft Keyseat Required (9) (10)	Bushing Size	Part Number	Weight lbs.	Shaft Keyseat Required (9) (10)
Standard Shaft Bushing Kit				Short Shaft Bushing Kit ⁽⁸⁾			
TA8407TB x 4-7/16 ▲	908020	26.0	1 x 1/2 x 12.82	TA8407TBS x 4-7/16	908027	26.9	1 x 1/2 x 8.10
TA8407TB x 4-3/16	908021	29.0	1 x 1/2 x 12.82	TA8407TBS x 4-3/16	908028	31.3	1 x 1/2 x 8.10
TA8407TB x 3-15/16	908022	32.1	1 x 1/2 x 12.82	TA8407TBS x 3-15/16	908029	35.6	1 x 1/2 x 8.10
TA8407TB x 3-7/16	908023	36.7	7/8 x 7/16 x 12.82	TA8407TBS x 3-7/16	908030	42.4	7/8 x 7/16 x 8.10
TA8407TB x 3-3/16	908024	38.4	3/4 x 3/8 x 12.82	TA8407TBS x 3-3/16	908031	45.3	3/4 x 3/8 x 8.10
TA8407TB x 3	908025	39.8	3/4 x 3/8 x 12.82	TA8407TBS x 3	908032	47.5	3/4 x 3/8 x 8.10
TA8407TB x 2-15/16	908026	40.4	3/4 x 3/8 x 12.82	TA8407TBS x 2-15/16	908033	48.3	3/4 x 3/8 x 8.10

▲ AGMA maximum bore size

- (5) Bushing kit required to mount TA II reducer to driven shaft
- (6) Bushing Kit is not required to mount TA II reducer on SCS Drive Shaft in a screw conveyor application
- (7) Standard Shaft Bushing Kit includes two standard bushings with backup plates and snap rings; hardware and one key
- (8) Short Shaft Bushing Kit includes one standard bushing; one long bushing with mounting wedge; two backup plates with snap rings; hardware and one key. This is an optional bushing for after market, short shaft mounting.
- (9) Minimum keyseat and shaft length required to mount reducer with bushing kit
- (10) Always check the driven shaft and key for strength

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