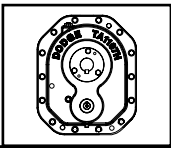
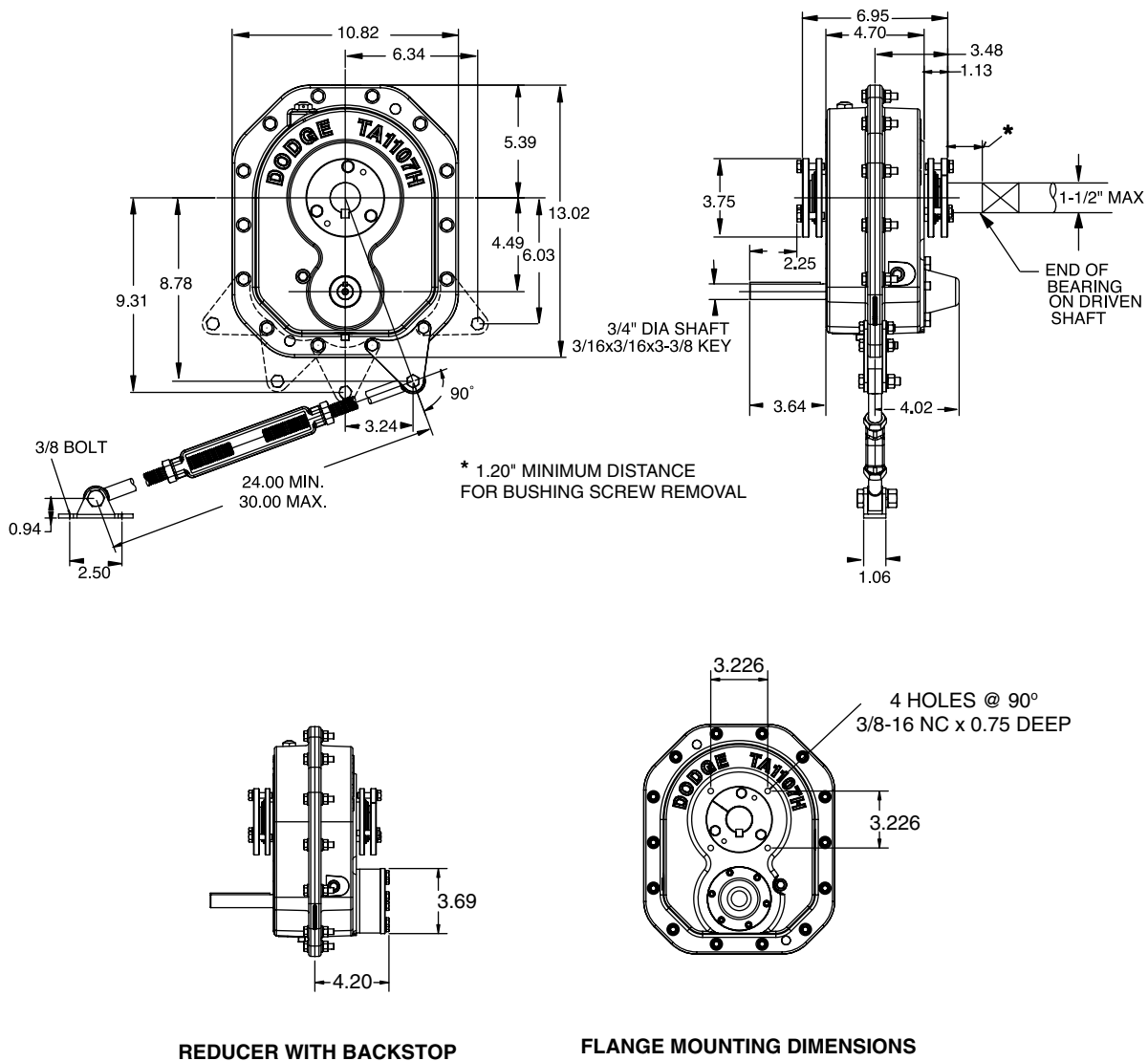


SELECTION/DIMENSIONS

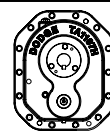


TORQUE-ARM II Shaft Mount Speed Reducers

TAPER BUSHED REDUCERS - TA1107H, SINGLE AND DOUBLE REDUCTION



EASY SELECTION PAGE 9	SELECTION PAGE 12	RELATED PRODUCTS PAGE 123	ENGINEERING/TECHNICAL PAGE 129
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SELECTION/DIMENSIONS

TORQUE-ARM II Shaft Mount Speed Reducers

TAPER BUSHED REDUCERS - TA1107H, SINGLE AND DOUBLE REDUCTION

TA1107H Taper Bushed Reducers ⁽¹⁾ ● ■

Reducer Size	Part Number	AGMA Code	Actual Ratio	Weight lbs.
TA1107H05	901004	107S05	5.00	55.4
TA1107H09	901003	107D09	8.99	56.8
TA1107H15	901002	107D15	14.91	56.7
TA1107H25	901001	107D25	25.06	56.7
TA1107H31	901000	107D31	30.91	56.8

(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.

- TA1107H Reducer - Heavy duty, extended value
- See page 124 for Maximum Bore Straight Bore TA II Reducers

TA1107H Accessories

Description	Part Number	Weight lbs.
TA1107RA Rod Assembly ⁽¹⁾	901109	4.5
TA1107H/0107L BS Backstop Assembly ⁽²⁾	901102	3.9
TA1107MM Motor Mount Assembly (56-254T) ⁽³⁾	901090	39.5
TA1107BG Belt Guard - Pos. B (56-254T)	901096	40.6
TA1107BG Belt Guard - Pos. C (56-254T) ⁽⁴⁾	901097	43.1
TA0-TA3 - Vertical Breather Kit	900112	2.0
Filter Breather Plug	430048	0.2

- (2) See page 129 for input shaft speed necessary for back-stop sprag lift-off
- (3) Motor Mount will fit NEMA and IEC frame motors; however hardware are inch dimensions
- (4) Use this belt guard for TA II reducer in screw conveyor drive applications

TA1107H Tapered Bushing Kits ⁽⁵⁾ (6)

Bushing Size	Part Number	Weight lbs.	Shaft Keyseat Required (9) (10)	Bushing Size	Part Number	Weight lbs.	Shaft Keyseat Required (9) (10)
Standard Shaft Bushing Kit	(7)			Short Shaft Bushing Kit (8)			
TA1107TB x 1-1/2	901020	3.3	3/8 x 3/16 x 6.95	---	---	---	---
TA1107TB x 1-7/16 ▲	901021	3.6	3/8 x 3/16 x 6.95	TA1107TBS x 1-7/16	901030	3.7	3/8 x 3/16 x 4.43
TA1107TB x 1-3/8	901022	3.5	5/16 x 5/32 x 6.95	TA1107TBS x 1-3/8	901031	3.8	5/16 x 5/32 x 4.43
TA1107TB x 1-5/16	901023	3.8	5/16 x 5/32 x 6.95	TA1107TBS x 1-5/16	901032	4	5/16 x 5/32 x 4.43
TA1107TB x 1-1/4	901024	3.7	1/4 x 1/8 x 6.95	TA1107TBS x 1-1/4	901033	4.1	1/4 x 1/8 x 4.43
TA1107TB x 1-3/16	901025	3.8	1/4 x 1/8 x 6.95	TA1107TBS x 1-3/16	901034	4.2	1/4 x 1/8 x 4.43
TA1107TB x 1-1/8	901026	4.0	1/4 x 1/8 x 6.95	TA1107TBS x 1-1/8	901035	4.4	1/4 x 1/8 x 4.43
TA1107TB x 1-1/16	901027	4.0	1/4 x 1/8 x 6.95	TA1107TBS x 1-1/16	901036	4.5	1/4 x 1/8 x 4.43
TA1107TB x 1	901028	4.2	1/4 x 1/8 x 6.95	TA1107TBS x 1	901037	4.7	1/4 x 1/8 x 4.43

▲ 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 back-up plates and snap rings; hardware, and key
- (8) Short Shaft Bushing Kit includes one standard bushing, one long bushing with insertable wedge; two back-up plates with snap rings; hardware and 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

EASY SELECTION PAGE 9	SELECTION PAGE 12	RELATED PRODUCTS PAGE 123	ENGINEERING/TECHNICAL PAGE 129
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