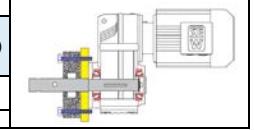


FAS SCREW CONVEYOR DESIGN (W/SEALING FLANGE) (2&3 HOLE CARBON STEEL & STAINLESS AVAILABLE)	REDUCER SIZE SCD Shaft Options	FAS37 (OLD FAF) 1.5"	FAS47 (OLD FAF) 1.5", 2.0"	FAS57 (OLD FAF) 1.5", 2", 2.438"	FAS67 (OLD FAF) 1.5", 2.0", 2.438", 3.0"	FAS77 (OLD FAF) 2.0", 2.438", 3.0"	FAS87 (OLD FAF) 2.438", 3", 3.438"	FAS97 (OLD FAF) 3", 3.438"	SEE FAZ BELOW			 
	Hollow Bore & Bearings	30mm bore HD brgs standard	30mm bore HD brgs standard	40mm bore HD brgs standard	40mm bore HD brgs standard	50mm bore HD brgs standard	60mm bore HD brgs standard	70mm bore HD brgs standard				
	Max Thrust ^b	2360 lbs	2500 lbs	3780 lbs	4160 lbs	6740 lbs	9620 lbs	12810 lbs				
	Tmax 1.0sf ^a	1770 lb-in	3540 lb-in	5310 lb-in	7257 lb-in	13275 lb-in	26550 lb-in	38055 lb-in	69384 lb-in	67968 lb-in	106200 lb-in	
	Tmax 1.5sf ^a	1180 lb-in	2360 lb-in	3540 lb-in	4838 lb-in	8850 lb-in	17700 lb-in	25370 lb-in	46256 lb-in	45312 lb-in	70800 lb-in	
	Shaft Removal Kit ^c	P/N 06436854	P/N 06436854	P/N 06436870	P/N 06436870	P/N 06436897	P/N 06436900	P/N 06436919				
	RPM	RPM	RPM	RPM	RPM	RPM	RPM	RPM	RPM	RPM	RPM	
	1 HP MOTOR: DRN80M4 CFACE: AMS143 METRIC: AMS80	[52] 55 (31.69:1) 1.55SF	[27] 26 (68.09:1) 1.45SF 27 (65.36:1) 1.50SF	[17] 19 (93.47:1) 1.55SF	[13] 14 (120.79:1) 1.65SF	[7] 7.1 (247:1) 1.650F+add R37 compound reducer						
	1.5 HP MOTOR: DRN90S4 CFACE: AMS145 METRIC: AMS90		[39] 41 (42.86:1) 1.55SF	[26] 26 (68.22:1) 1.50SF 24 (72.98:1) 1.40SF	[19] 20 (90.59:1) 1.50SF	[10] 11 (166.47) 1.50SF						
	2 HP MOTOR: DRN90L4 CFACE: AMS145 METRIC: AMS90		[52] 52 (34.29:1) 1.45SF 57 (30.86:1) 1.60SF	[35] 35 (50.10:1) 1.50SF	[25] 26 (67.65:1) 1.50SF	[14.5] 14 (130.42:1) 1.40SF 15 (114.45:1) 1.60SF						
	3 HP MOTOR: DRN100LM4 CFACE: AMS162 METRIC: AMS100			[52] 49 (35.79:1) 1.40SF 59 (30.15:1) 1.65SF	[38] 41 (43.20:1) 1.65SF	[21] 21 (85.52:1) 1.45SF 24 (75.02:1) 1.70SF	[10] 9.8 (179.97:1) 1.45F 11 (159.61:1) 1.6SF					
	5 HP MOTOR: DRN100L4 CFACE: AMS184 METRIC: AMS100				[63] 64 (27.41:1) 1.50SF 70 (25.13:1) 1.60SF	[35] 36 (48.37:1) 1.55SF 40 (43.58:1) 1.70SF	[17] 18 (97.89:1) 1.50SF	[12] 12 (140.71:1) 1.50SF 14 (127.42:1) 1.70SF		[7] 6.9 (254.40:1) 1.50SF		
	7.5 HP MOTOR: DRN132S4 CFACE: AMS213/215 METRIC: AMS132S/M					[52] 52 (33.74:1) 1.50SF 59 (29.91:1) 1.70SF	[26] 26 (68.40:1) 1.50SF	[18] 18 (97.58:1) 1.50SF 20 (89.85:1) 1.60SF		[10] 11 (161.28:1) 1.60SF 9.9 (178.64:1) 1.45SF		
	10 HP MOTOR: DRN132M4 CFACE: AMS213/215 METRIC: AMS132S/M						[35] 35 (50.36:1) 1.45SF 39 (45.28:1) 1.55SF	[24] 23 (75.63:1) 1.40SF 25 (72.29:1) 1.45SF 27 (65.47:1) 1.65SF		[13] 14 (129.97:1) 1.45SF		
	15 HP MOTOR: DRN160M4 CFACE: AMS254/256 METRIC: AMS160						[52] 50 (35.19:1) *1.25SF *Caution service factor* May need FA_97 33.91:1 with 2.10SF at	[36] 40 (44.49:1) 1.65SF 34 (52.49:1) 1.40SF		[20] 20 (88.49:1) 1.45SF 21 (83.99:1) 1.55SF		
	20 HP MOTOR: DRN160L4 CFACE: AMS254/256 METRIC: AMS160						[69] 67 (26.50:1) 1.40SF 75 (23.68:1) 1.55SF	[48] 52 (33.91:1) 1.55SF 55 (32.50:1) 1.65SF		[27] 26 (67.62:1) 1.40SF 31 (58.12:1) 1.65SF		
	25 HP MOTOR: DRN180M4 CFACE: AMS284/286 METRIC: AMS180							[60] 65 (27.44:1) 1.60SF		[34] 35 (50.73:1) 1.55SF	[22] 20 (87.31:1) 1.40SF 24 (75.41:1) 1.60SF 25 (70.07:1) 1.75SF	
	30 HP MOTOR: DRN180L4 CFACE: AMS284/286 METRIC: AMS180									[26] 25 (70.07:1) 1.45SF 28 (63.91:1) 1.60SF		
FAZ SCREW CONVEYOR DESIGN (B14 MODULAR)	Shaft Removal Kit ^c	same as above	P/N 06436862	same as above	same as above	same as above	same as above	same as above	P/N 06436927	P/N 25054775		
	REDUCER SIZE SCD Shaft options	FAZ37 1.5"	FAZ47 1.5", 2.0"	FAZ57 1.5", 2.0", 2.438"	FAZ67 1.5", 2.0", 2.438", 3.0"	FAZ77 2.0", 2.438", 3.0", 3.438"	FAZ87 2.438", 3.0", 3.438"	FAZ97 3.0", 3.438"	FAZ107(2STAGE) (52rpm to 281rpm) 3.0", 3.438"	FAZ107(3STAGE) (6.9rpm to 51rpm) 3.0", 3.438"	FAZ127 (6.9rpm to 51rpm) 3.0", 3.438"	
	Hollow Bore & Bearings	30mm bore HD brgs not available	35mm bore add HD brgs	40mm bore add HD brgs	40mm bore add HD brgs	50mm bore add HD brgs	60mm bore add HD brgs	70mm bore add HD brgs	90mm bore add HD brgs standard	90mm bore HD brgs standard	4 inch bore HD brgs standard	
	Max Thrust	700 lbs	2248 lbs	2585 lbs	2920 lbs	4490 lbs	6740 lbs	8992 lbs	14612 lbs	14612 lbs	20232 lbs	