
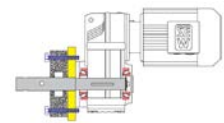


FAS SCREW CONVEYOR DESIGN (W/SEALING FLANGE) (2&3 HOLE CARBON STEEL & STAINLESS AVAILABLE)	REDUCER SIZE	FAS37 (OLD FAF) 1.5"	FAS47 (OLD FAF) 1.5", 2.0"	FAS57 (OLD FAF) 1.5", 2", 2.438"	FAS67 (OLD FAF) 1.5", 2.0", 2.438", 3.0"	FAS77 (OLD FAF) 2.0", 2.438", 3.0"	FAS87 (OLD FAF) 2.438", 3", 3.438"	FAS97 (OLD FAF) 3", 3.438"	SEE FAZ BELOW					
	SCD Shaft Options													
	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»	2360 lbs	2500 lbs	3780 lbs	4160 lbs	6740 lbs	9620 lbs	12810 lbs						
	Tmax 1.0sf»	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»	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»	P/N 06436854	P/N 06436854	P/N 06436870	P/N 06436870	P/N 06436897	P/N 06436900	P/N 06436919							
[TARGET SPEED FOR 1.5 SERVICE FACTOR OR GREATER] WITH ACTUAL SELECTIONS BELOW - REV3 2/13/2023LVB ADDED "S" NOMENCLATURE TO FBOX AND AM-ADAPTERS .		RPM	RPM	RPM	RPM	RPM	RPM	RPM	RPM	RPM	RPM	FEATURES:		
	1 HP MOTOR: DRN80M4 CFACE: AMS143 METRIC: AMS80	55 (31.69:1) 1.55SF	26 (68.09:1) 1.45SF 27 (65.36:1) 1.50SF	19 (93.47:1) 1.55SF	14 (120.79:1) 1.65SF	7.1 (247:1) 1.6SOF*add R37 compound reducer						PURGEABLE LABYRINTH SEAL	FAS	FAZ
	1.5 HP MOTOR: DRN90S4 CFACE: AMS145 METRIC: AMS90		41 (42.86:1) 1.55SF	26 (68.22:1) 1.50SF 24 (72.98:1) 1.40SF	20 (90.59:1) 1.50SF	11 (166.47) 1.50SF						DOUBLE LIP SEAL IN FLANGE		
	2 HP MOTOR: DRN90L4 CFACE: AMS145 METRIC: AMS90		52 (34.29:1) 1.45SF 57 (30.86:1) 1.60SF	35 (50.10:1) 1.50SF	26 (67.65:1) 1.50SF	14 (130.42:1) 1.40SF 15 (114.45:1) 1.60SF						NILOS STEEL DISC SEAL LSTO		
	3 HP MOTOR: DRN100LM4 CFACE: AMS182 METRIC: AMS100			49 (35.79:1) 1.40SF 59 (30.15:1) 1.65SF	41 (43.20:1) 1.6SF	21 (85.52:1) 1.45SF 24 (75.02:1) 1.70SF	9.8 (179.97:1) 1.4SF 11 (159.61:1) 1.6SF					DOUBLE LIP SEAL ON GEARBOX O/P SHAFT		
	5 HP MOTOR: DRN100L4 CFACE: AMS184 METRIC: AMS100				64 (27.41:1) 1.50SF 70 (25.13:1) 1.60SF	36 (48.37:1) 1.55SF 40 (43.58:1) 1.70SF	18 (97.89:1) 1.50SF	12 (140.71:1) 1.50SF 14 (127.42:1) 1.70SF	6.9 (254.40:1) 1.50SF			GREASE NIPPLE W/ EXPULSION PORT		
	7.5 HP MOTOR: DRN132S4 CFACE: AMS213/215 METRIC: AMS132S/M					52 (33.74:1) 1.50SF 59 (29.91:1) 1.70SF	26 (68.40:1) 1.50SF	18 (97.58:1) 1.50SF 20 (89.85:1) 1.60SF	11 (161.28:1) 1.60SF 9.9 (178.64:1) 1.45SF			*HD BEARINGS SIZE 47-97		
	10 HP MOTOR: DRN132M4 CFACE: AMS213/215 METRIC: AMS132S/M						35 (50.36:1) 1.45SF 39 (45.28:1) 1.55SF	23 (75.63:1) 1.40SF 25 (72.29:1) 1.45SF 27 (65.47:1) 1.65SF	14 (129.97:1) 1.45SF			*HD BEARINGS SIZE 37		
	15 HP MOTOR: DRN160M4 CFACE: AMS254/256 METRIC: AMS160						50 (35.19:1) *1.25SF *Caution service factor* May need FA_97 33.91:1 with 2.10SF at	40 (44.49:1) 1.65SF 34 (52.49:1) 1.40SF	20 (88.49:1) 1.45SF 21 (83.99:1) 1.55SF			SHAFT REMOVAL KIT		
	20 HP MOTOR: DRN160L4 CFACE: AMS254/256 METRIC: AMS160						67 (26.50:1) 1.40SF 75 (23.68:1) 1.55SF	52 (33.91:1) 1.55SF 55 (32.50:1) 1.65SF	26 (67.62:1) 1.40SF 31 (58.12:1) 1.65SF			REMOVABLE GEAR UNIT - FLANGE & SHAFT REMAIN IN TROUGH		
	25 HP MOTOR: DRN180M4 CFACE: AMS284/286 METRIC: AMS180							65 (27.44:1) 1.60SF	35 (50.73:1) 1.55SF	20 (87.31:1) 1.40SF 24 (75.41:1) 1.60SF 25 (70.07:1) 1.75SF	22 (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 (70.07:1) 1.45SF 28 (63.91:1) 1.60SF			
	FAZ SCREW CONVEYOR DESIGN (B14 MODULAR)	Shaft Removal Kit»	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		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 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			