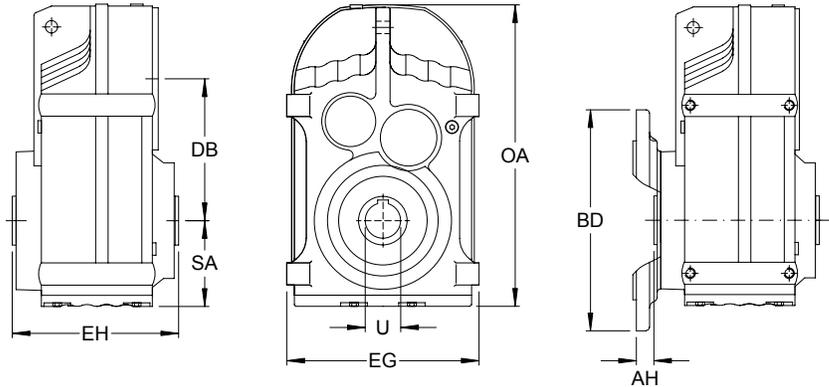


# Technical Note

## FA Series – the Snuggler®

Dimension Comparisons

Old	⇒	New
FA40	⇒	FA37 or FA47
FA60	⇒	FA57 or FA67
FA70	⇒	FA77
FA80	⇒	FA87
FA90	⇒	FA97
FA100	⇒	FA107



Dimensions are millimeters, unless otherwise indicated.

Size (Stages)	Torque Max (lb-in)	Ratio Range	# Ratios	DB	EG	OA	SA	AH	BD	EH	U	in mm
FA/FAF37 (2)	1770	4.22 – 23.63	(18)	112	169	252	76	24	160	120	1.250"	30
FA/FAF37 (3)	1770	23.88 – 128.51	(17)									
*FA/FAF47 (2)	3540	4.99 – 30.86	(16)	128.1	185	269	77	25	200	150	1.375"	35
*FA/FAF47 (3)	3540	28.88 – 190.76	(16)									
FA/FAF40 (2)	2920.5	5.80 – 32.41	(13)	130.5	172	285	85	-	200	140	1.250"	30
FA/FAF40 (3)	2920.5	33.52 – 159.76	(13)									
FA/FAF57 (2)	5310	5.18 – 40.13	(18)	136	205	317	93	26.5	250	166	1.500"	40
FA/FAF57 (3)	5310	30.15 – 199.70	(16)									
FA/FAF67 (2)	7257	3.97 – 36.30	(20)	159.5	217	343	97	23	250	180	1.500"	40
FA/FAF67 (3)	7257	34.01 – 228.99	(17)									
FA/FAF60 (2)	5841	5.78 – 35.75	(14)	161	212	351	101	-	250	180	1.500"	40
FA/FAF60 (3)	5841	38.12 – 212.09	(15)									
FA/FAF77 (2)	13275	4.28 – 36.58	(18)	200	275	426	121	37	300	210	2.000"	50
FA/FAF77 (3)	13275	25.54 – 281.71	(23)						**250			
FA/FAF70 (2)	10620	13.22 – 39.60	(9)	208.5	260	442	124	-	250	210	2.000"	50
FA/FAF70 (3)	10620	41.00 – 234.96	(14)									
FA/FAF87 (2)	26550	4.12 – 33.92	(17)	246.7	336	531	152	30	350	240	2.375"	60
FA/FAF87 (3)	26550	29.20 – 270.68	(19)									
FA/FAF80 (2)	17700	13.74 – 45.97	(9)	255.5	315	540	151	-	350	240	2.375"	60
FA/FAF80 (3)	17700	46.02 – 214.42	(14)									
FA/FAF97 (2)	38055	4.57 – 43.28	(18)	285	405	623	178	41.5	450	300	2.750"	70
FA/FAF97 (3)	38055	32.50 – 276.77	(22)									
FA/FAF90 (2)	28320	11.25 – 32.64	(9)	290.5	380	628	182	-	450	300	2.750"	70
FA/FAF90 (3)	28320	37.50 – 256.18	(15)									
*FA/FAF107 (2)	69384	6.22 – 33.79	(12)	332.4	450	717	200	41	450	350	3.625"	90
*FA/FAF107 (3)	67968	31.80 – 254.40	(19)									
FA/FAF100 (2)	53100	10.75 – 30.44	(6)	358	464	763	225	-	450	350	3.250"	80
FA/FAF100 (3)	53100	39.63 – 266.83	(14)									
FA/FAF127 (2)	106200	4.68 – 26.86	(13)	382.6	530	856	236	51	550	410	4.000"	100
FA/FAF127 (3)	106200	25.30 – 170.83	(15)									
FA/FAF157 (2)	159300	11.92 – 53.55	(10)	447	660	1021	286	60	660	500	4.500"	10
FA/FAF157 (3)	159300	27.60 – 267.43	(17)									

□ indicates dimensional change from old to new.

\* The FA/FAF47 is available with 1.250" or 30 mm shafts for replacements. The FA/FAF107 is available with 3.250" or 80 mm shafts for replacements.

\*\* Optional flange reduces gearbox torque rating.

NEW

NEW

**SEW**  
**EURODRIVE**

Date: 1-2004  
Replaces: F-002-01

**F-002-02**

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