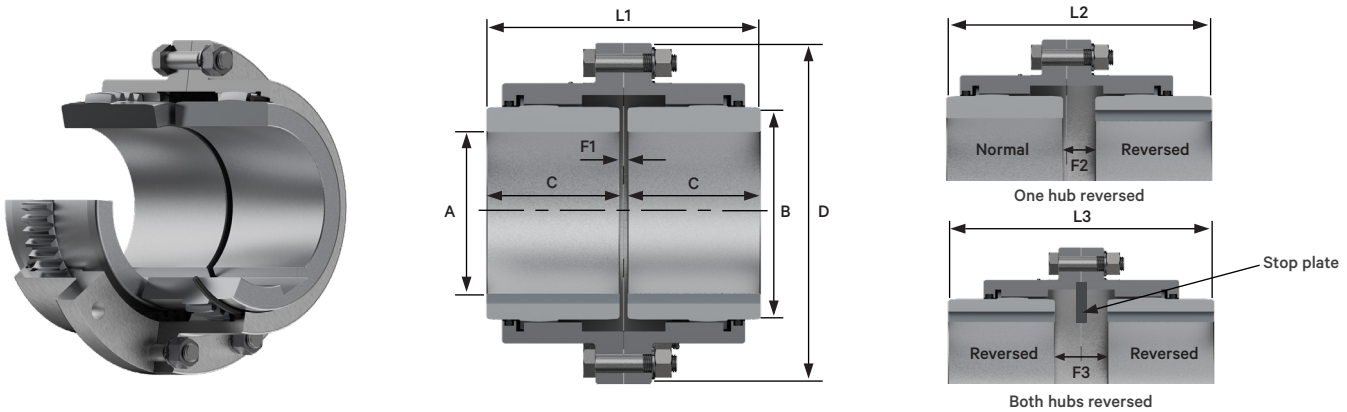


Gearflex A series double engagement type DA



Coupling size	Product number	Power /100rpm kW	Torque nominal Nm	Speed max** rpm	Bore A		Dimensions												Offset max mm
					Max mm	Min mm	B mm	C mm	D mm	F1 mm	F2 mm	F3 mm	L1 mm	L2 mm	L3 mm	Mass kg	WR ² kg m ²		
GF10DA	6901108	29.8	2846	7100	46	14	60	43	116	3	5	6	89	90	92	4.2	0.006	1.2	
GF15DA	6901158	56.4	5386	5400	57	20	76	49	152	3	8	13	102	106	111	7.7	0.020	1.5	
GF20DA	6901208	96	9168	4800	78	27	102	62	178	3	14	25	127	138	149	15.0	0.044	2.0	
GF25DA	6901258	155.2	14822	4250	90	27	117	77	213	5	12	19	159	166	173	25.4	0.105	2.3	
GF30DA	6901308	256	24448	4000	110	39	143	91	240	5	23	42	187	206	224	36.7	0.188	3.0	
GF35DA	6901358	392	37436	3600	127	55	165	106	279	6	27	48	219	240	260	60.8	0.436	3.5	
GF40DA	6901408	624	59592	3290	145	55	191	121	318	6	32	57	248	273	298	90.7	0.822	4.0	
GF45DA	6901458	862	82322	2920	165	55	216	135	346	8	37	65	278	306	335	122	1.305	4.5	
GF50DA	6901508	1156	110398	2630	185	55	241	153	389	8	50	92	314	356	398	178	2.550	5.3	
GF55DA	6901558	1714	163688	2320	205	55	267	175	425	8	53	98	359	404	449	235	3.780	6.0	
GF60DA	6901608	2192	209336	2120	225	55	292	188	457	8	60	111	384	436	487	279	4.860	6.5	
GF70DA	6901708	3280	313240	1830	260	55	343	221	527	9	71	133	451	513	575	443	10.350	7.8	

Misalignment angle per half (degrees)	Rating factor
0.00	1.00
0.50	0.78
0.75	0.65
1.00	0.58
1.50	0.50

Catalogue ratings shown are nominal values at 0.00° misalignment. To determine the rating at an expected angular misalignment, use the corresponding factor in the table and multiply.

Example:

GF60DA at 0.00° = 209336 Nm
at 0.75° = 209336 x 0.65 = 136068 Nm

Ordering code

GF 20 DA
Gearflex ——— Size ——— Double engagement A series

Long hub versions available, contact Renold for details.
Please refer to the Renold Couplings selection guide for keyway stress calculations.

* Maximum Bore – The maximum bores shown are absolute maximums.
Under normal circumstances the boss to bore ratio should not be less than 1.5 for standard applications.
Consult Renold for overbore approval.

** Speed in excess of these shown may require additional balancing.

*** Hubs may be reversed to increase DBSE (F2 + F3 above). If axial movement is allowed with both hubs reversed, a stop plate should be fitted to prevent hubs disengaging from outers.