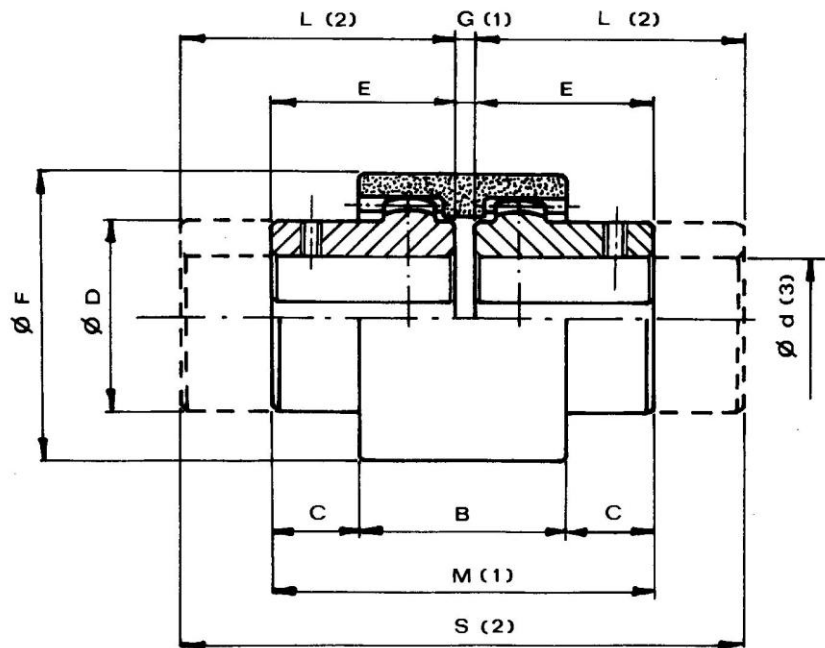




**DIMENSIONS**



**MEASUREMENTS**

COUPLING TYPE	WITHOUT BORE	Finished bore d <sup>(3)</sup>		Measurements in mm.									Mass Kg.		
		nom.	max.	Normal range						Long Range			Sleeve	Normal Hub	Long Hub
				B	C	ØD	E	ØF	G <sup>(1)</sup>	M <sup>(1)</sup>	L <sup>(2)</sup>	S <sup>(2)</sup>			
GF-14	-	6	14	38	6.5	25	23.5	41	4	51	30	64	0.022	0.10	0.13
GF-19	-	8	19	38	8.5	32	25.5	48	4	55	40	84	0.028	0.18	0.28
GF-24	-	10	24	42	7.5	36	26.5	52	4	57	50	104	0.037	0.23	0.42
GF-28	-	10	28	48	19	45	41	68	4	86	60	124	0.086	0.54	0.79
GF-32	-	12	32	48	18	50	40	75	4	84	60	124	0.104	0.66	0.97
GF-38	-	14	38	50	17	58	40	85	4	84	80	164	0.131	0.93	1.83
GF-42	-	20	42	50	19	63	42	95	4	88	110	224	0.187	1.10	2.76
GF-48	-	20	48	50	27	68	50	100	4	104	110	224	0.198	1.50	3.21
GF-55	-	25	55	65	29.5	82	60	120	4	124	110	224	0.357	2.63	5.12
GF-65	-	25	65	72	36	95	70	140	4	144	140	284	0.595	4.02	7.92

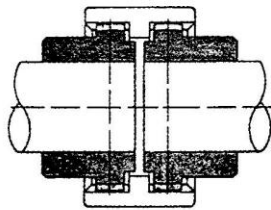
(1) Assembly distances.

(2) Couplings with hub lengths to fully cover normal shafts for the UNEL-MEC range of motors.

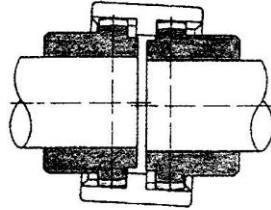
(3) **On request:** finished bore in compliance with ISO standards, H7 tolerance, keyway DIN 6885, sheet 1, JS9 tolerance. Dowel bore.



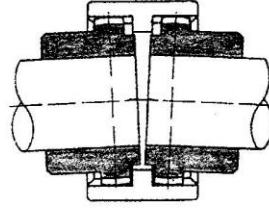
**MISALIGNMENTS**



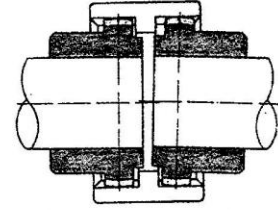
Aligned shafts



Radially displaced shafts



Angularly displaced shafts



Radially and angularly displaced shafts

**TECHNICAL DATA**

COUPLING TYPE	POWER FACTOR KW r.p.m.		TORQUE Nm		POWER TRANSMITTED IN KW AT R.P.M.								Max. R.P.M.	Mass Kg.	J Kg cm <sup>2</sup>	Maximum misalignment for each hub		Axial displacement mm.
	norm.	max.	norm.	max.	750		1000		1500		3000					Angular α (2)	Radial mm.	
					norm.	max.	norm.	max.	norm.	max.	norm.	max.						
GF-14	0.0011	0.0023	11.5	23	0.8	1.5	1.1	2.0	1.6	3.0	3.3	6.0	14000	0.166	0.27	±2°	0.7	±1
GF-19	0.0019	0.0037	18.5	36.5	1.3	2.7	1.8	3.7	2.7	5.5	5.4	11.1	12000	0.276	0.64	±2°	0.8	±1
GF-24	0.0023	0.0047	23	46	1.7	3.5	2.3	4.7	3.4	7.0	6.9	14.1	10000	0.312	0.92	±2°	0.8	±1
GF-28	0.0053	0.0106	51.5	103.5	3.9	7.9	5.2	10.6	7.8	15.9	15.6	31.8	8000	0.779	3.45	±2°	1	±1
GF-32	0.0071	0.0142	69	138	5.2	10.5	7.0	14.1	10.5	21.1	21.0	42.3	7100	0.918	5.03	±2°	1	±1
GF-38	0.0090	0.0181	88	176	6.7	13.5	9.0	18.0	13.5	27.0	27.0	54.0	6300	1.278	9.59	±2°	0.9	±1
GF-42	0.0113	0.0226	110	220	8.4	16.8	11.2	22.5	16.8	33.7	33.6	67.5	6000	1.473	13.06	±2°	0.9	±1
GF-48	0.0158	0.0317	154	308	11.8	23.6	15.8	31.6	23.7	47.4	47.4	94.8	5600	1.777	18.15	±2°	0.9	±1
GF-55	0.029	0.058	285	570	21.7	43.5	29.0	58.0	43.5	87.0	87.0	174.0	4800	3.380	49.44	±2°	1.2	±1
GF-65	0.0432	0.0865	420	840	32.1	64.3	42.9	85.8	64.3	128.7	128.7	257.4	4000	4.988	106.34	±2°	1.3	±1

(1) Normal coupling reference complete with maximum bore without keyway.

(2) Per hub.

**ASSEMBLY GUIDELINES**

- Position the two semi-couplings on the shafts, taking care that the internal surfaces are in line with the shaft ends.
- Insert the sleeve on the two semi-couplings adjusting their distance (distance "G"), while the two shafts are aligned at the same time.
- Clamp the two parts to be coupled together in position.
- Check that the sleeve is free to move in an axial direction before the coupling is rotated.