

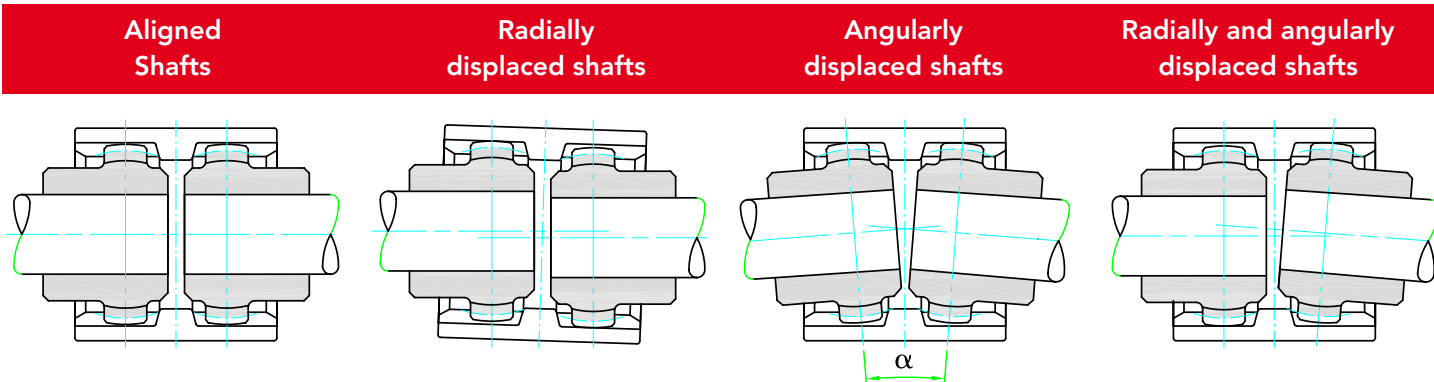


COUPLING SELECTION

Torque based selection:
the coupling must be selected so that the max motor torque does not exceed the coupling's per-mitted peak twisting moment.

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.



TECHNICAL DATA

COUPLING TYPE	Power factor Kw r.p.m.		Torque Nm		power transmitted in kw at r.p.m.								r.p.m. max	mass kg	J kg cm²	Maximum misalignement for each hub		Axial displacement mm
	norm	max	norm	max	750		1000		1500		3000					Angular a	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	14.000	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	12.000	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	10.000	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	8.000	0,779	3,45	± 2°	1,0	± 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	7.100	0,918	5,03	± 2°	1,0	± 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	6.300	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	6.000	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	5.600	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	4.800	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	4.000	4,988	106,34	± 2°	1,3	± 1

J inertia moment HUB A+B
with bore Ø max

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