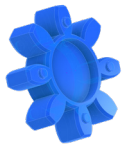
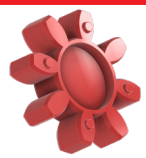
CHIARAVALLI GROUP BRAND GIFLEX ®
GE-T SERIES WITH ELASTIC ELEMENT – TRANSFERABLE PAIRS



BLUE 80 Sh A
POLYURETHAN

YELLOW 92/94 Sh A
POLYURETHAN



RED 96/98 Sh A
POLYURETHAN

NEW

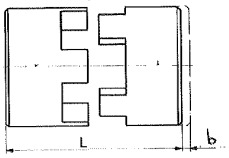
GREEN 64 Sh D
POLYURETHAN

TECHNICAL DATA

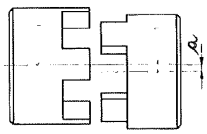
COUPLING TYPE	HARDNESS WITH SPIDER	MAX speed for type				Nm		Stiffness			Max inertia moment Kgm2 x 10^{-6}
		Design C	Design D	Design H	max	Tk n couple	Tk max couple	tors. static Nm/rad	tors. dynamic Nm/rad	radial Nm	
GE-T 9 SG	80 Sh A	19000			28000	1,8	3,6	17,02	52	125	0,57
	92/94 Sh A					3	6	31,5	95	262	
	96/98 Sh A					5	10	51,5	150	518	
GE-T 14 SG	80 Sh A	12700		12700	19000	4	8	60,2	180	153	3,25
	92/94 Sh A					7,5	15	114,6	344	336	
	96/98 Sh A					12,5	25	172	513	604	
	64 Sh D					16	32	238	702	856	
GE-T 19-24 SG	80 Sh A	9550		9550	14000	4,9	9,8	343,8	1030	740	21,9
	92/94 Sh A					10	20	573	1720	1260	
	96/98 Sh A					17	34	859	2580	2210	
	64 Sh D					21	42	2450	3820	2970	
GE-T 24-28 SG	80 Sh A		6950	6950	10600	17	34	850	1385	840	58,3
	92/94 Sh A					35	70	2280	4296	1900	
	96/98 Sh A					60	120	3700	8125	2940	
	64 Sh D					75	150	5000	11000	3700	
GE-T 28-38 SG	80 Sh A		5850	5850	8500	46	92	1360	2345	990	216,8
	92/94 Sh A					95	190	3820	7260	2100	
	96/98 Sh A					160	320	4190	10315	3680	
	64 Sh D					200	400	10010	20035	4400	
GE-T 38-45 SG	80 Sh A		4750	4750	7100	95	190	3000	6100	1400	445,2
	92/94 Sh A					190	380	4589	13752	2900	
	96/98 Sh A					325	650	7160	21485	5040	
	64 Sh D					405	810	25600	40250	6445	
GE-T 42 SG	80 Sh A		4000	4000	6000	46	92			990	2802
	92/94 Sh A					95	190	2292	6879	2100	
	96/98 Sh A					160	320	3438	10315	3680	
	64 Sh D									4400	

with radial speed more than v=30m/s dynamic balancing is needed

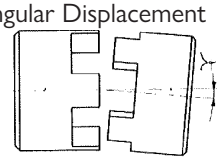
Axial Displacement



Radial Displacement



Angular Displacement



COUPLING TYPE	Displacement			
	spider GE-T SG	AXIAL b (mm)	RADIAL a (mm)	ANGULAR U(degree)
GE-T 9 SG	80 Sh A	+0,9 -0,9	0,19	1,1°
	92/94 Sh A		0,13	1,0°
	96/98 Sh A		0,08	0,9°
	64 Sh D		0,05	0,8°
GE-T 14 SG	80 Sh A	+1,0 -0,5	0,21	1,1°
	92/94 Sh A		0,15	1,0°
	96/98 Sh A		0,09	0,9°
	64 Sh D		0,08	0,8°
GE-T 19-24 SG	80 Sh A	+1,2 -0,5	0,15	1,1°
	92/94 Sh A		0,10	1,0°
	96/98 Sh A		0,08	0,9°
	64 Sh D		0,04	0,8°
GE-T 24-28 SG	80 Sh A	+1,4 -0,5	0,14	1,0°
	92/94 Sh A		0,10	0,9°
	96/98 Sh A		0,07	0,8°
	64 Sh D		0,04	0,7°
GE-T 28-38 SG	80 Sh A	+1,5 -0,5	0,15	1,0°
	92/94 Sh A		0,11	0,9°
	96/98 Sh A		0,08	0,8°
	64 Sh D		0,05	0,7°
GE-T 38-45 SG	80 Sh A	+1,8 -0,7	0,17	1,0°
	92/94 Sh A		0,12	0,9°
	96/98 Sh A		0,09	0,8°
	64 Sh D		0,06	0,7°
GE-T 42 SG	80 Sh A	+2,0 -1,0	0,19	1,0°
	92/94 Sh A		0,14	0,9°
	96/98 Sh A		0,10	0,8°
	64 Sh D		0,07	0,7°

EXAMPLE SPIDER CODE:

25 14 100 → COLOR:
100 YELLOW
102 BLUE
104 RED
106 GREEN

14 → TYPE

25 → 025 COUPLING GE-T SG

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