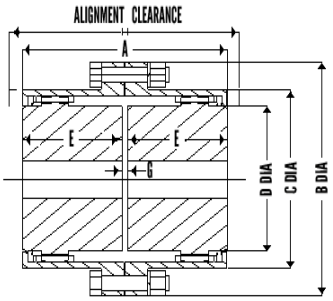
Unique GX Gear COUPLINGS

SIZE G420

- Curved Teeth for Reduced wear
- Piloted on Teeth OD for better
- Dynamic Balance
- Compact
- Higher Bore Capacity
- Higher Ratings.

GENERAL ASSEMBLY DRAWING



DIMENSIONS AND STANDARD SIZES

Size	HP/100 *RPM*	Nom Torque *NM*	Peak Torque *NM*	Max Speed *RPM*	Max Bore *RPM*	A *MM*	B Dia *MM*	C Dia *MM*	D Dia *MM*	E *MM*	G Dia *MM*	H *MM*
G115	10	710	1420	10000	42	87	115	85	60	42	3	105
G150	24	1710	3420	7400	55	103	150	106	78	50	3	120
G180	50	3560	5800	5900	70	127	180	132	100	62	3	150
G195	65	4630	7730	5600	80	127	195	145	113	75	5	150
G 210	90	6410	10700	5000	90	165	210	160	126	80	5	180
G 240	150	10685	16400	4300	100	185	240	180	140	90	5	205
G 250	185	13180	21100	4300	110	185	250	192	155	90	5	205
G 290	230	16380	25200	3900	125	226	290	212	170	110	6	238
G 320	428	30500	45750	3500	140	246	320	240	190	120	6	305
G 350	587	41800	62700	3200	165	278	350	270	216	135	8	360
G 390	793	56500	84750	2900	180	318	390	295	240	155	8	385
G 420	1032	73500	116000	2700	200	348	420	325	265	170	8	420

Mass and Inertia MR^2 are at pilot bore. Limited End Float , Extra end Float on request. Dimension H is alignment Clearance.

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SIZE G420

ENGINEERING DATA

Size	Pilot Bore *mm*	Wt *Kg*	MR^2 *KgM^2*	Max Misalignment Parallel *MM*	Ang *Deg*	Axial *+-MM*	Grease Reqd *Kg*	Bolt Toghtening Torque *NM*
G115	15	4.0	0.006	1.1	1.5	6	0.06	9
G150	15	8.6	0.019	1.3	1.5	6	0.11	40
G180	20	15.5	0.043	1.7	1.5	6	0.16	70
G195	30	19.0	0.062	1.7	1.5	6	0.20	70
G 210	40	24.5	0.100	2.1	1.5	10	0.30	70
G 240	40	36.0	0.192	2.4	1.5	10	0.45	180
G 250	40	42.0	0.250	2.4	1.5	10	0.50	180
G 290	50	59.0	0.435	3.0	1.5	12	0.56	350
G 320	50	84.0	00.90	4.0	1.5	12	00.9	350
G 350	50	116.0	01.41	4.5	1.5	16	01.6	350
G 390	60	170.0	02.70	5.0	1.5	16	02.1	600
G 420	75	220.0	04.00	5.5	1.5	16	03.0	600

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