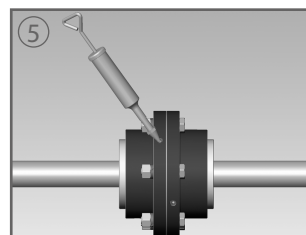
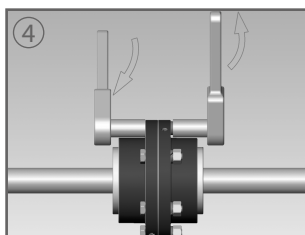
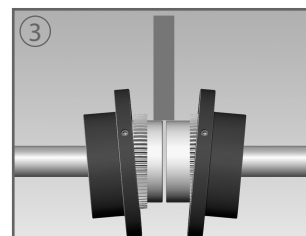
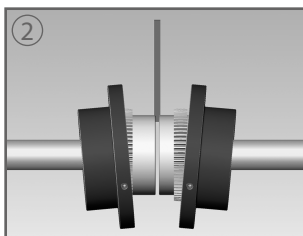
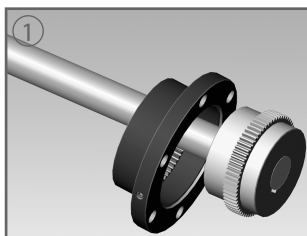


CAPT GRL-Coupling

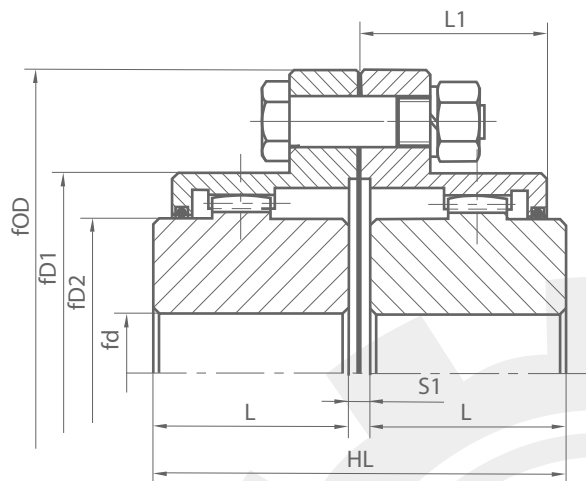
Insturuction for installation



- 1.Clean all the parts. Grease the crowned gear teeth and O-Ring.Put o-Ring on to the shafts.
- 2.Place the flanged sleeves on the shafts, and mount the hubs.
- 3.Using a spacer bar, mark a gab between the hubs equal to the normal gab specified in this book.
- 4.Align the shaft with a strait bar, checking every 90 degree, Make sure not exceeding the offest limit with a dia gange.
- 5.Insert gasket between the flanged sleeves, and fasten the bolts positioning the lube holes at max degree.
- 6.Fill up the grease until overflowing at the opened opposite hole.



CAPT GRL-Coupling



Special designation with teeth Connection. Due to a larger area receiving force, its life is much longer.

Torque can be transmitted best per unit area and with a characteristic of anti-bedding, steel alloy is used with the property of anti-corro-sion and anti-high temperature.

Special notice: Dynamic balancing should be done to degree Q6.3 when rotational speed reaches 1/2 of its limit.

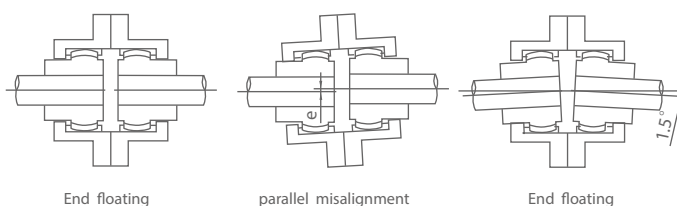
CAPT GRL-COUPLING

Catalog	Fundamental dimensions							Bore		Mt	Parallel offset capacity	End float capacity	Max Torque (Nm)	Max Revolution n(rpm)	Moment of inertia (kg.cm ²)	G (kg)
	OD	D1	D2	HL	L	L1	S1	Pilot	Max							
GRL-78	117	78	58	89	43	42	3	14	40	50	1.3	2	850	6000	51	130.2
GRL-100	152	100	80	103	50	48	3	19	55	59	1.5	2	1700	5500	188	6.7
GRL-125	178	125	98	127	62	60	3	25	70	79	2.1	3	3250	5000	397	10.5
GRL-150	213	150	118	157	76	69	5	35	85	93	2.4	4	6000	4400	947	17.3
GRL-175	240	175	140	185	90	82	5	45	100	109	2.9	4	10000	4000	1773	26.2
GRL-200	280	200	165	216	105	98	6	55	120	128	3.4	5	16000	3500	4014	42.2
GRL-235	318	235	188	246	120	107	6	65	140	144	3.8	6	23600	3000	6970	57.0
GRL-265	347	265	212	278	135	120	8	80	160	164	4.3	6	32500	2700	11207	76.0
GRL-295	390	295	236	308	150	131	8	90	180	182	4.8	7	47500	2500	20869	109.8
GRL-325	425	325	264	358	175	151	8	100	200	214	5.6	8	67000	2200	32112	144.5
GRL-355	460	355	290	388	190	170	8	120	220	236	6.2	9	90000	2100	49360	189.3
GRL-400	530	400	333	450	220	195	10	150	250	263	6.9	10	125000	2000	91287	273.3

Max torque of GRL 78-GRL295 and their max. parallel tolerance should be based on $\alpha=1\ 1/2^\circ$ and max bore diameter. Max torque of GRL325-GRL400 and their max. parallel tolerance should be based on $\alpha=3/4^\circ$ and max bore diameter.

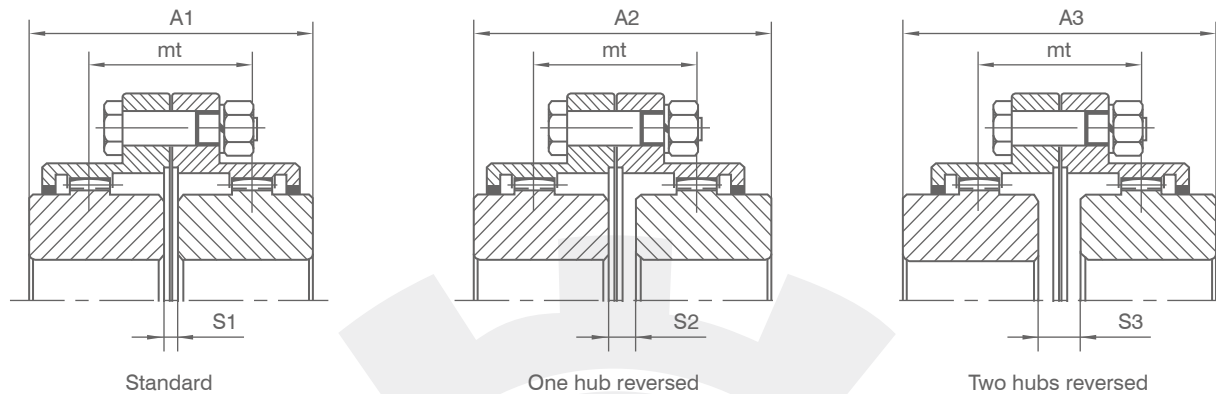
GRL-200

Maximum outside diameter
GRL-Coupling



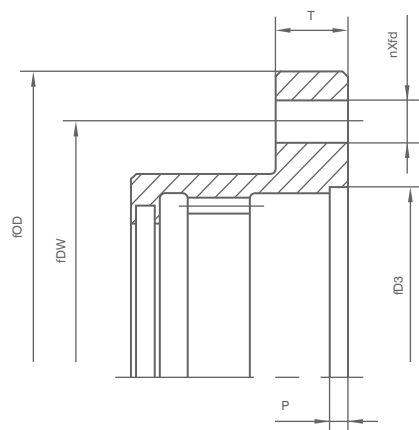
CAPT GRL-Coupling

Installation for GRL-coupling



Catalog	Mt	A1	A2	A3	S1	S2	S3
GRL-78	50	89	93	97	3	7	11
GRL-100	59	103	109	115	3	9	15
GRL-125	79	127	141	155	5	17	31
GRL-150	93	157	169	181	5	17	29
GRL-175	109	185	199	213	5	19	33
GRL-200	128	216	233	250	6	23	40
GRL-235	144	246	264	282	6	24	42
GRL-265	164	278	299	320	8	29	50
GRL-295	182	308	332	356	8	32	56
GRL-325	214	358	389	420	8	39	70
GRL-355	236	388	426	464	8	46	84
GRL-400	263	450	483	516	10	43	76

Dimensions for the flange with teeth



Catalog	OD	DW	D3	P	T	n	d
GRL-78	117	96	73	3.5	1.4	6	9
GRL-100	152	122	94	3.5	19	8	11
GRL-125	178	150	115	3.5	19	6	13
GRL-150	213	184	144	3.5	22	6	17
GRL-175	240	208	168	3.5	22	8	17
GRL-200	280	242	190	3.5	29	8	21
GRL-235	318	280	222	3.5	29	8	21
GRL-265	347	305	250	4	29	10	21
GRL-295	390	345	280	4	38	10	21
GRL-325	425	368	310	4	38	14	21
GRL-355	460	406	346	6	38	14	25
GRL-400	530	460	376	8	40	16	25