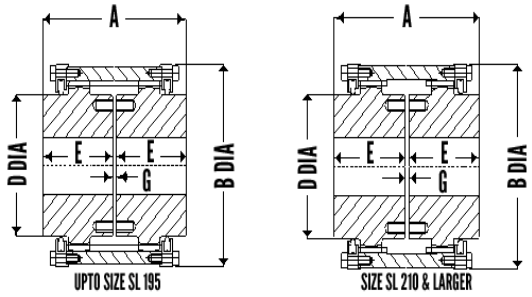
UNIQUE SLEEVE GEAR COUPLINGS

SIZE SL420

- Teeth Curved as well as barreled
- Improved Seals – Perform much better than O rings
- Full Teeth engagement – Reduces uneven wear
- Piloting on Teeth OD – Ensures better dynamic balance
- Higher Bore capacities
- Compact
- Wide Range – Full Gear , Semi Gear , Spacer Couplings
- Full Floating & Semi Floating Shafts

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*	D Dia *MM*	E *MM*	G *MM*
SL100	12	855	1710	10000	40	87	82	57	42	3
SL100M	12	855	1710	10000	42	87	85	60	42	3
SL150	24	1710	3420	7400	55	103	120	78	50	3
SL180	50	3560	5800	5900	70	127	140	100	62	3
SL195	65	4630	7730	5600	80	127	160	113	75	5
SL210	90	6410	10700	5000	90	165	175	126	80	5
SL240	150	10685	16400	4300	100	185	195	140	90	5
SL250	185	13180	21100	4300	110	185	210	155	90	5
SL290	230	16380	25200	3900	125	226	240	170	110	6
SL320	428	30500	45750	3500	140	246	275	190	120	6
SL350	587	41800	62700	3200	165	278	300	216	135	8
SL390	793	56500	84750	2900	180	318	330	240	155	8
SL420	1032	73500	116000	2700	200	348	360	265	170	8

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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UNIQUE SLEEVE GEAR COUPLINGS

SIZE SL420

ENGINEERING DATA

Size	Pilot Bore *mm*	Wt *Kg*	MR^2 *KgM^2*	Max Misalignment *MM*	Ang *Deg*	Axial *+-MM*	Grease Reqd *Kg*
SL100	15	003.0	0.003	0.8	1.5	3	0.05
SL100M	15	003.2	0.004	0.8	1.5	3	0.06
SL150	15	007.7	0.014	0.9	1.5	3	0.11
SL180	20	014.0	0.034	1.1	1.5	3	0.16
SL195	30	017.0	0.054	1.2	1.5	5	0.20
SL210	40	022.0	0.084	1.4	1.5	5	0.30
SL240	40	032.0	0.152	1.6	1.5	5	0.45
SL250	40	037.0	0.203	1.7	1.5	5	0.50
SL290	50	053.0	0.380	1.8	1.5	6	0.56
SL320	50	075.0	00.71	2.0	1.5	6	00.9
SL350	50	104.0	01.16	2.4	1.5	8	01.6
SL390	60	153.0	02.10	2.8	1.5	8	02.1
SL420	75	198.0	03.20	3.0	1.5	8	03.0

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