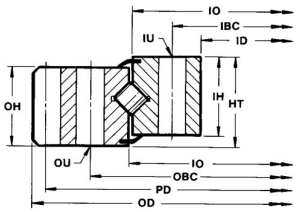
Series 5000 inner gear





Type	Brand	Outer Dimensions [Inches]								Gear Data						Mounting Holes						Nominal Capacity		Weight
		OD	ID	OI	IO	HT	OH	IH	PD	DP	Tooth Form	Gear Hardness	F	No.of Teeth	Max Allow Tang Tooth Load [IBS]	OBC	OU	No.Of Holes OBC	IBC	IU	No.Of Holes IBC	Compressive Thrust [lbs]	Moment [ft-lbs]	
R8-30E3	LYMC	35.150	26.06	30.157	30.000	2.874	2.520	2.520	34.750	4	Stub	250-300	2.52	139	11,309	32.625	0.69	24	27.5	0.69	24	373,200	228,700	280
R8-35E3	LYMC	40.533	30.87	34.961	34.803	2.874	2.52	2.52	40	3	Stub	250-300	2.52	120	14,900	37.5	0.69	30	32.25	0.69	30	431,700	309,800	339
R8-39E3	LYMC	43.867	34.57	38.661	38.504	2.874	2.52	2.52	43.333	3	Stub	250-300	2.52	130	15,000	41.125	0.69	30	36	0.69	30	476,600	369,500	363
R8-42E3	LYMC	48.24	38.39	42.48	42.323	2.874	2.52	2.52	47.6	2.5	Stub	250-300	2.52	119	17,800	45	0.69	36	39.875	0.69	36	526,100	459,100	421
R8-44E3	LYMC	50.24	39.69	44.173	44.016	2.874	2.52	2.52	49.6	2.5	Stub	250-300	2.52	124	17,900	46.75	0.81	36	41.375	0.81	36	553,000	501,600	460
R8-46E3	LYMC	52.64	42.05	46.535	46.378	2.874	2.52	2.52	52	2.5	Stub	250-300	2.52	130	18,000	49.125	0.81	36	43.75	0.81	36	580,000	552,400	487
R8-49E3	LYMC	65.04	44.8	49.291	49.134	2.874	2.52	2.52	54	2.5	Stub	250-300	2.52	136	18,100	51.875	0.81	40	46.5	0.81	40	618,300	617,400	511
R8-52E3	LYMC	58.8	47.56	52.047	51.89	2.874	2.52	2.52	58	2	Stub	250-300	2.52	116	22,200	54.625	0.81	42	49.25	0.81	42	656,500	685,900	584
R9-55E3	LYMC	62.3	49.84	55.197	55.139	3.15	2795	2.795	61.5	2	Stub	250-300	2.795	123	24,800	58.375	1.06	36	51.875	1.06	36	741,900	829,800	776
R9-59E3	LYMC	66.3	53.78	59.134	58.976	3.15	2.795	2.795	65.5	2	Stub	250-300	2.795	131	24,900	62.25	1.06	40	55.875	1.06	40	794,300	946,300	857
R9-63E3	LYMC	70.629	57.72	63.071	62.913	3.15	2.795	2.795	69.714	1.75	Stub	250-300	2.795	122	28,300	66.25	1.06	40	59.75	1.06	40	836,300	1,099,000	903
R9-67E3	LYMC	75.2	61.65	67.008	66.85	3.15	2.795	2.795	74.286	1.75	Stub	250-300	2.795	130	28,500	70.125	1.06	44	63.75	1.06	44	894,800	1,217,000	1003
R11-71E3	LYMC	80.342	64.13	70.945	70.787	3.858	3.504	3.504	79.429	1.75	Stub	250-300	3.504	139	36,000	75	1.31	36	66.75	1.31	36	1,207,300	1,733,300	1580
R11-75E3	LYMC	83.771	68.07	74.882	74.724	3.858	3.504	3.504	82.857	1.75	Stub	250-300	3.504	145	36,200	79	1.31	36	70.625	1.31	36	1,290,400	1,954,600	1664
R11-79E3	LYMC	87.771	72	78.819	78.661	3.858	3.504	3.504	86.857	1.75	Stub	250-300	3.504	152	36,300	82.875	1.31	40	74.625	1.31	40	1,348,900	2,109,400	1732

LYMC BEARING