



Specifications:

- 1) Sliding Contact Surfaces: Steel vs. Steel.
- 2) Materials: Both outer race and inner race are made of high chrome bearing steel.
- 3) Heat treatment: Both outer race and inner race are quenched (hardened), surface phosphorized.
- 4) Features of Structure: With oil groove and oil holes, with an axial split in outer race. (GE..E Series without oil groove and oil holes.)
- 5) Lubricant: molybdenum disulfide.
- 6) Properties: Good wearability, corrosion resistance, self-alignment.

Bearing Number				Dimensions (mm)								Load Ratings (KN)		Weight ≈ (kg)
MVB		ELGES/INA		d	D	B	C	dk	rs min	rls min	α° ≈	Dynamic Cr	Static Cor	
Open	Sealed	Open	Sealed											
GE4E		GE4DO		4	12	5	3	8	0.3	0.3	16	2	10	0
GE5E		GE5DO		5	14	6	4	10	0.3	0.3	13	3.4	17	0.01
GE6E		GE6DO		6	14	6	4	10	0.3	0.3	13	3.4	17	0
GE8E		GE8DO		8	16	8	5	13	0.3	0.3	15	5.5	27	0.01
GE10E		GE10DO		10	19	9	6	16	0.3	0.3	12	8.1	40	0.01
GE12E		GE12DO		12	22	10	7	18	0.3	0.3	10	10	53	0.02
GE15ES	GE15ES-2RS	GE15DO	GE15DO-2RS	15	26	12	9	22	0.3	0.3	8	16	84	0.03
GE17ES	GE17ES-2RS	GE17DO	GE17DO-2RS	17	30	14	10	25	0.3	0.3	10	21	106	0.04
GE20ES	GE20ES-2RS	GE20DO	GE20DO-2RS	20	35	16	12	29	0.3	0.3	9	30	146	0.07
GE25ES	GE25ES-2RS	GE25DO	GE25DO-2RS	25	42	20	16	35.5	0.6	0.6	7	48	240	0.12
GE30ES	GE30ES-2RS	GE30DO	GE30DO-2RS	30	47	22	18	40.7	0.6	0.6	6	62	310	0.15
GE35ES	GE35ES-2RS	GE35DO	GE35DO-2RS	35	55	25	20	47	0.6	1	6	79	399	0.23
GE40ES	GE40ES-2RS	GE40DO	GE40DO-2RS	40	62	28	22	53	0.6	1	7	99	495	0.31
GE45ES	GE45ES-2RS	GE45DO	GE45DO-2RS	45	68	32	25	60	0.6	1	7	127	637	0.43
GE50ES	GE50ES-2RS	GE50DO	GE50DO-2RS	50	75	35	28	66	0.6	1	6	156	780	0.55
GE55ES	GE55ES-2RS	GE55DO	GE55DO-2RS	55	85	40	32	74	0.6	1	7	200	1000	0.94
GE60ES	GE60ES-2RS	GE60DO	GE60DO-2RS	60	90	44	36	80	1	1	6	245	1220	1.04
GE70ES	GE70ES-2RS	GE70DO	GE70DO-2RS	70	105	49	40	92	1	1	6	313	1560	1.55
GE80ES	GE80ES-2RS	GE80DO	GE80DO-2RS	80	120	55	45	105	1	1	6	400	2000	2.31
GE90ES	GE90ES-2RS	GE90DO	GE90DO-2RS	90	130	60	50	115	1	1	5	488	2440	2.75
GE100ES	GE100ES-2RS	GE100DO	GE100DO-2RS	100	150	70	55	130	1	1	7	607	3030	4.45
GE110ES	GE110ES-2RS	GE110DO	GE110DO-2RS	110	160	70	55	140	1	1	6	654	3270	4.82
GE120ES	GE120ES-2RS	GE120DO	GE120DO-2RS	120	180	85	70	160	1	1	6	950	4750	8.05
GE140ES	GE140ES-2RS	GE140DO	GE140DO-2RS	140	210	90	70	180	1	1	7	1070	5350	11.02
GE160ES	GE160ES-2RS	GE160DO	GE160DO-2RS	160	230	105	80	200	1	1	8	1360	6800	14.01
GE180ES	GE180ES-2RS	GE180DO	GE180DO-2RS	180	260	105	80	225	1.1	1.1	6	1530	7650	18.65
GE200ES	GE200ES-2RS	GE200DO	GE200DO-2RS	200	290	130	100	250	1.1	1.1	7	2120	10600	28.03
GE220ES	GE220ES-2RS	GE220DO	GE220DO-2RS	220	320	135	100	275	1.1	1.1	8	2320	11600	35.51
GE240ES	GE240ES-2RS	GE240DO	GE240DO-2RS	240	340	140	100	300	1.1	1.1	8	2550	12700	39.91
GE260ES	GE260ES-2RS	GE260DO	GE260DO-2RS	260	370	150	110	325	1.1	1.1	7	3030	15190	51.54
GE280ES	GE280ES-2RS	GE280DO	GE280DO-2RS	280	400	155	120	350	1.1	1.1	6	3570	17850	65.06
GE300ES	GE300ES-2RS	GE300DO	GE300DO-2RS	300	430	165	120	375	1.1	1.1	7	3800	19100	78.07