



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.
- 5) Lubricant: molybdenum disulfide.
- 6) Properties: Good wearability, corrosion resistance, self-alignment.

MVB Bearing Number		Dimensions (mm)									Load Ratings (KN)		Weight ≈(kg)
Open	Sealed	d	D	B	C	d ₁ max	d _k	r _s min	r _{ls} min	α° ≈	Dynamic Cr	Static Cor	
GEWZ12ES		12.7	22.23	19.05	9.53	15.88	18	0.15	0.6	5	13	41	0.02
		0.5	0.88	0.75	0.38	0.63	0.72	0.01	0.02				
GEWZ15ES		15.88	26.99	23.8	11.91	19.81	23	0.15	0.6	5	22	65	0.04
		0.63	1.06	0.94	0.47	0.78	0.9	0.01	0.02				
GEWZ19ES	GEWZ19ES-2RS	19.05	31.75	28.58	14.28	23.37	27.5	0.3	0.6	5	31	95	0.06
		0.75	1.25	1.13	0.56	0.92	1.08	0.01	0.02				
GEWZ22ES	GEWZ22ES-2RS	22.23	36.51	33.33	16.66	27.18	32	0.3	0.6	5	42	127	0.1
		0.88	1.44	1.31	0.66	1.07	1.26	0.01	0.02				
GEWZ25ES	GEWZ25ES-2RS	25.4	41.28	38.1	19.05	30.99	36.5	0.3	0.6	5	56	166	0.14
		1	1.63	1.5	0.75	1.22	1.44	0.01	0.02				
GEWZ31ES	GEWZ31ES-2RS	31.75	50.8	47.63	23.8	38.74	45.5	0.6	0.6	5	86	260	0.27
		1.25	2	1.88	0.94	1.53	1.8	0.02	0.02				
GEWZ34ES	GEWZ34ES-2RS	34.93	55.56	52.38	26.19	42.42	49	0.6	1	5	102	310	0.37
		1.38	2.19	2.06	1.03	1.67	1.94	0.02	0.04				
GEWZ38ES	GEWZ38ES-2RS	38.1	61.91	57.15	28.58	46.99	54.7	0.6	1	5	125	375	0.49
		1.5	2.44	2.25	1.13	1.85	2.16	0.02	0.04				
GEWZ44ES	GEWZ44ES-2RS	44.45	71.44	66.68	33.33	54.99	63.9	0.6	1	5	170	510	0.76
		1.75	2.81	2.63	1.31	2.17	2.52	0.02	0.04				
GEWZ50ES	GEWZ50ES-2RS	50.8	80.96	76.2	38.1	62.48	73	0.6	1	5	224	670	1.11
		2	3.19	3	1.5	2.46	2.88	0.02	0.04				
GEWZ57ES	GEWZ57ES-2RS	57.15	90.49	85.73	42.85	70.1	82	0.6	1	5	280	850	1.57
		2.25	3.56	3.38	1.69	2.76	3.24	0.02	0.04				
GEWZ63ES	GEWZ63ES-2RS	63.5	100.01	95.25	47.63	77.72	92	1	1	5	355	1060	2.15
		2.5	3.94	3.75	1.88	3.06	3.59	0.04	0.04				
GEWZ69ES	GEWZ69ES-2RS	69.85	111.13	104.78	52.38	85.85	100	1	1	5	415	1250	2.9
		2.75	4.38	4.13	2.06	3.38	3.95	0.04	0.04				
GEWZ76ES	GEWZ76ES-2RS	76.2	120.65	114.3	57.15	93.35	109.5	1	1	5	500	1500	3.59
		3	4.75	4.5	2.25	3.68	4.31	0.04	0.04				
GEWZ82ES	GEWZ82ES-2RS	82.55	130.18	123.83	61.9	101.22	119	1	1	5	585	1760	4.69
		3.25	5.13	4.88	2.44	3.99	4.68	0.04	0.04				
GEWZ88ES	GEWZ88ES-2RS	88.9	139.7	133.35	66.68	109.22	128	1	1	5	680	2040	5.86
		3.5	5.5	5.25	2.63	4.3	5.04	0.04	0.04				
GEWZ95ES	GEWZ95ES-2RS	95.25	149.23	142.88	71.43	116.59	137	1	1	5	780	2360	7.11
		3.75	5.88	5.63	2.81	4.59	5.39	0.04	0.04				
GEWZ101ES	GEWZ101ES-2RS	101.6	158.75	152.4	76.2	124.59	146	1	1	5	900	2650	8.56
		4	6.25	6	3	4.91	5.75	0.04	0.04				
GEWZ114ES	GEWZ114ES-2RS	114.3	177.8	171.45	85.73	140.34	164.5	1	1	5	1120	3400	12.24
		4.5	7	6.75	3.38	5.53	6.48	0.04	0.04				
GEWZ127ES	GEWZ127ES-2RS	127	196.85	190.5	95.25	155.71	183	1	1	5	1400	4150	16.63
		5	7.75	7.5	3.75	6.13	7.19	0.04	0.04				
GEWZ152ES	GEWZ152ES-2RS	152.4	222.25	209.55	104.78	178.31	207	1	1	5	1730	5200	20.7
		6	8.75	8.25	4.13	7.02	8.16	0.04	0.04				