

Sliding contact surfaces: Steel / Steel

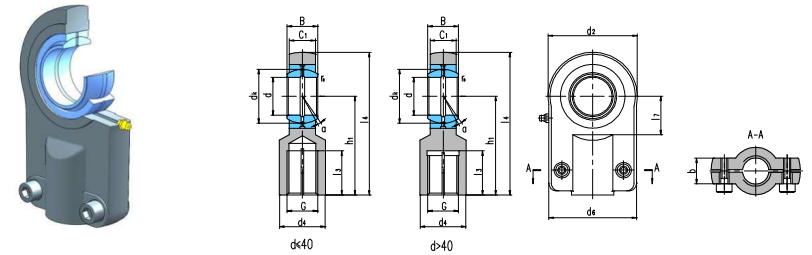
Bearing number	Dimensions mm															Load Ratings kN		Screw	Weight ≈kg
	d	B	d _K	C ₁	d ₂	G 6H	h ₁	l ₃	l ₄	l ₇	d ₄	d ₆	b	r _s	α°	Dynamic	Static		
SIGEW12ES ¹⁾	12	12	18	11	32	M12X1.25	38	17	54	14	16	32	15	0.3	4	10	24.5	M5X16	0.11
SIGEW16ES	16	16	23	14	40	M14X1.5	44	19	64	18	21	40	15	0.3	4	17	36.5	M6X16	0.20
SIGEW20ES	20	20	29	17	47	M16X1.5	52	23	77	22	25	47	19	0.3	4	30	48	M8X20	0.35
SIGEW25ES	25	25	35.5	22	58	M20X1.5	65	29	96	27	30	54	19	0.6	4	48	78	M8X20	0.62
SIGEW32ES	32	32	43	28	71	M27X2	80	42	118.5	32	38	66	22	0.6	4	65	114	M10X25	1.15
SIGEW40ES	40	40	53	33	90	M33X2	97	52.5	146	41	47	80	26	0.6	4	99	204	M10X25	2.18
SIGEW50ES	50	50	66	40	109	M42X2	120	63.5	179.5	50	58	96	32	0.6	4	156	310	M12X35	3.96
SIGEW63ES	63	63	83	53	136	M48X2	140	72	211	62	70	114	38	1	4	253	430	M16X40	7.23
SIGEW63ES-D ²⁾																			
SIGEW70ES	70	70	92	57	155	M56X2	160	84	245	70	80	135	42	1	4	313	540	M16X40	11.1
SIGEW70ES-D ²⁾																			
SIGEW80ES	80	80	105	67	170	M64X3	180	92.5	270	78	90	148	48	1	4	400	695	M20X50	15.01
SIGEW80ES-D ²⁾																			
SIGEW90ES	90	90	115	72	185	M72X3	195	103	296	85	100	160	52	1	4	488	750	M20X55	19.1
SIGEW100ES	100	100	130	85	211	M80X3	210	108	322.5	98	110	178	62	1	4	607	1060	M24X60	25.5
SIGEW110ES	110	110	140	88	235	M90X3	235	118	364	105	125	190	62	1	4	654	1200	M24X60	36.6
SIGEW125ES	125	125	160	103	265	M100X3	260	125	405	120	135	200	72	1	4	950	1430	M24X70	52.6
SIGEW160ES	160	160	200	130	326	M125X4	310	138	488	150	165	250	82	1	4	1360	2200	M24X80	79
SIGEW200ES	200	200	250	162	418	M160X4	390	173	620	195	215	320	102	1.1	4	2120	3650	M30X100	164
SIGEW250ES	250	250	350	192	580	M200X4	530	217	847	265	300	420	142	1.1	4	3750	6400	M36X140	430
SIGEW320ES	320	320	450	260	700	M250X6	640	272	1015	325	360	520	170	1.1	4	6200	10800	M36X160	771

Can only be relubricated through the rod end housing.

Rod end is made of carbon steel.

Can supply rod ends with maintenance-free spherical plain bearing.

For left-hand thread, suffix "L" is added to bearings number and thread sign, e.g. SILGEW40ES M33X2L-6H.



Sliding contact surfaces: Steel / Steel

Bearing number	Dimensions mm															Load Ratings kN		Screw	Weight ≈kg
	d	B	d _K	C ₁	d ₂	G 6H	h ₁	l ₃	l ₄	l ₇	d ₄	d ₆	b	r _s	α°	Dynamic	Static		
SIQ12E ¹⁾	12	10	18	8	35	M10X1.25	42	15	59.5	16	17	35	13	0.3	10	10	17	M6X12	0.12
SIQ16ES ²⁾	16	14	25	11	45	M12X1.25	48	17	70.5	20	21	45	13	0.3	10	21	28.5	M6X12	0.22
SIQ20ES ²⁾	20	16	29	13	55	M14X1.5	58	19	85.5	25	25	55	17	0.3	9	30	42.5	M8X16	0.43
SIQ25ES	25	20	35.5	17	65	M16X1.5	68	23	100.5	30	30	62	17	0.6	7	48	67	M8X16	0.67
SIQ30ES	30	22	40.7	19	80	M20X1.5	85	29	125	35	36	77	19	0.6	6	62	108	M10X20	1.25
SIQ40ES	40	28	53	23	100	M27X2	105	37	155	45	45	90	23	0.6	7	99	156	M10X25	2.16
SIQ50ES	50	35	66	30	120	M33X2	130	54	190	58	55	105	30	0.6	6	156	245	M12X30	3.90
SIQ60ES	60	44	80	38	160	M42X2	150	65	230	68	68	134	36	1	6	245	380	M16X35	8.2
SIQ80ES	80	55	105	47	205	M48X2	185	75	287.5	92	90	156	45	1	6	400	585	M20X45	16.2
SIQ100ES	100	70	130	57	240	M64X3	240	102	360	116	110	190	55	1	7	607	865	M24X55	28.4

No relubrication facility.

Can only be relubricated through the rod end housing.

Rod end is made of carbon steel.

Can supply rod ends with maintenance-free spherical plain bearing.

For left-hand thread, suffix "L" is added to bearings number and thread sign, e.g. SILQ40ES M27x2L-6H.