



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		
SIR20ES	20	16	29	19	56	M16X1.5	50	17	80	25	25	46	20	0.3	9	30	81	M8X20	0.44
SIR25ES	25	20	35.5	23	56	M16X1.5	50	17	80	25	25	46	21	0.6	7	48	72	M8X20	0.47
SIR30ES	30	22	40.7	28	64	M22X1.5	60	23	94	30	32	50	26	0.6	6	62	106	M8X25	0.77
SIR35ES	35	25	47	30	78	M28X1.5	70	29	112	38	40	66	28	0.6	6	79	153	M10X30	1.24
SIR40ES	40	28	53	35	94	M35X1.5	85	36	135	45	49	76	33	0.6	7	99	250	M10X35	2.12
SIR50ES	50	35	66	40	116	M45X1.5	105	45	168	55	61	90	37	0.6	6	156	365	M12X40	3.74
SIR60ES	60	44	80	50	130	M58X1.5	130	59	200	65	75	120	46	1	6	245	400	M16X45	6.49
SIR60ES-D ¹⁾																			
SIR70ES	70	49	92	55	154	M65X1.5	150	66	232	75	86	130	51	1	6	313	540	M16X50	9.88
SIR70ES-D ¹⁾																			
SIR80ES	80	55	105	60	176	M80X2	170	81	265	80	105	160	55	1	6	400	670	M20X55	14.2
SIR80ES-D ¹⁾																			
SIR90ES	90	60	115	65	206	M100X2	210	101	323	90	124	180	60	1	5	488	980	M20X60	23.5
SIR90ES-D ¹⁾																			
SIR100ES	100	70	130	70	231	M110X2	235	111	360	105	138	200	65	1	7	607	1120	M24X65	32.14
SIR110ES	110	70	140	80	266	M120X3	265	125	407	115	152	220	74	1	6	654	1700	M24X80	47.6
SIR120ES	120	85	160	90	340	M130X3	310	135	490	140	172	257	84	1	6	950	2900	M24X80	72

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. SILR40ES M35X1.5L-6H.