



L1016.F-B C

Material

Hardened and ground steel. Matt black Oxide ceramic layer, Thickness 2-10 μ . No deformation of the parts. Resistant to acids, alkalis and solvents. Relatively soft layer (up to 350 HV), which clears away by rolling over in the area of the raceways. Suitable for applications in the optic

industry, medical industry.

Technical notes

Select the size and number of carriages to suit the required load then select the required rail length, (see part nos. L1016.15 through to L1016.55). Standard preload carriages are K_0 (no

preload) or K_1 (0,02 x dynamic load capacity). Other preloads available on request.

Tips

Improved version with ball cages allowing the carriages to be removed from the rail without the balls falling out.

Order No.	Rail size	h_1	w_1	l_1	h_2	h_3	h_4	h_5	h_6	w_2	w_3	w_4	l_2	l_3	l_4	l_5	d_1	$\frac{\Delta}{\Delta}$ Kg
L1016.F15-BC	15	24	47	58,6	3,3	8,0	13,0	6,0	5,5	38	15	16,0	40,2	30	5,0	60	M5	0,21
L1016.F15-L-BC	15	24	47	66,1	3,3	8,0	13,0	6,0	5,5	38	15	16,0	47,7	30	5,0	60	M5	0,23
L1016.F20-BC	20	30	63	69,3	4,5	9,0	16,3	8,5	7,1	53	20	21,5	48,5	40	15,6	60	M6	0,40
L1016.F20-L-BC	20	30	63	82,1	4,5	9,0	16,3	8,5	7,1	53	20	21,5	61,3	40	15,6	60	M6	0,46
L1016.F25-BC	25	36	70	79,2	5,8	10,0	19,2	9,0	10,2	57	23	23,5	57,5	45	15,6	60	M8	0,57
L1016.F25-L-BC	25	36	70	93,9	5,8	10,0	19,2	9,0	10,2	57	23	23,5	72,2	45	15,6	60	M8	0,72

Order No.	d_2	d_3	d_4	Dynamic load C kN	Static load $C_{0rad+ax}$ kN	M_x Nm	M_y Nm	M_z Nm
L1016.F15-BC	4,5	7,5	M3 x 0,5	11,67	19,90	137	120	120
L1016.F15-L-BC	4,5	7,5	M3 x 0,5	14,12	24,05	166	171	171
L1016.F20-BC	6,0	9,5	M6 x 1,0	17,98	30,96	289	224	224
L1016.F20-L-BC	6,0	9,5	M6 x 1,0	23,30	40,11	376	366	366
L1016.F25-BC	7,0	11,0	M6 x 1,0	25,25	41,73	447	358	358
L1016.F25-L-BC	7,0	11,0	M6 x 1,0	32,44	53,63	576	577	577