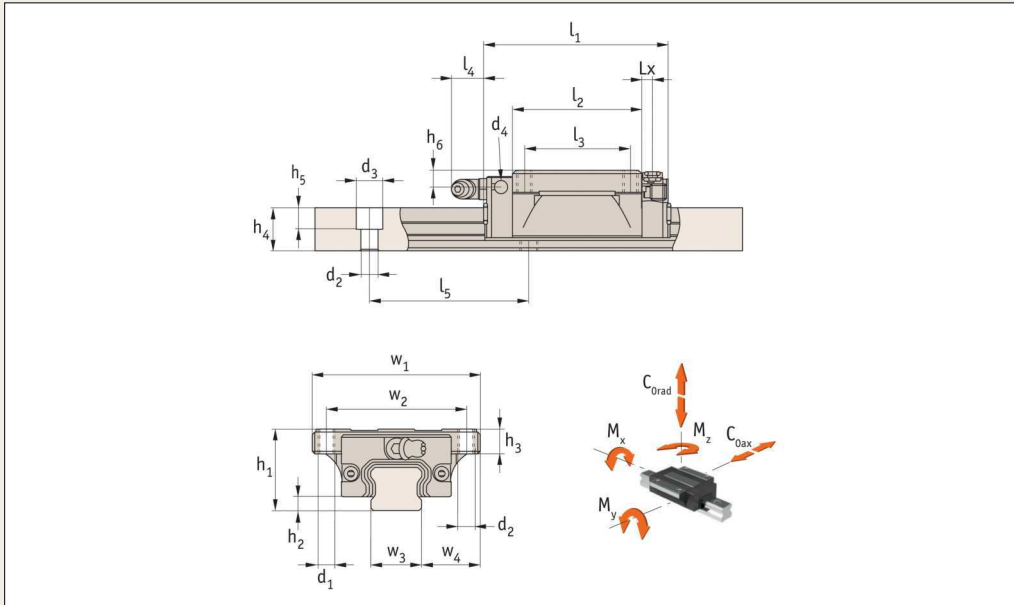


# Flanged Carriages - Standard

with retained ball cage



## L1016.F

### Material

Hardened and ground steel.

### 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	$h_1$	$w_1$	$l_1$	$h_2$	$h_3$	$h_4$	$h_5$	$h_6$	$w_2$	$w_3$	$w_4$	$l_2$	$l_3$	$l_4$	$l_5$	$d_1$	$\frac{C}{Kg}$
L1016.F15	15	24	47	58,6	3,4	7,5	13,0	5,5	5,5	38	15	16,0	40,2	30	5,7	60	M5	0,21
L1016.F15-L	15	24	47	66,1	3,4	7,5	13,0	5,5	5,5	38	15	16,0	47,7	30	5,7	60	M5	0,23
L1016.F20	20	30	63	70,1	4,5	9,0	16,3	8,5	7,1	53	20	21,5	48,5	40	12,3	60	M6	0,40
L1016.F20-L	20	30	63	82,9	4,5	9,0	16,3	8,5	7,1	53	20	21,5	61,3	40	12,3	60	M6	0,46
L1016.F25	25	36	70	79,2	5,8	10,1	19,2	9,0	10,2	57	23	23,5	57,5	45	12,2	60	M8	0,57
L1016.F25-L	25	36	70	93,9	5,8	10,1	19,2	9,0	10,2	57	23	23,5	72,2	45	12,2	60	M8	0,72
L1016.F25-XL	25	36	70	108,6	5,8	10,1	19,2	9,0	10,2	57	23	23,5	86,9	45	12,2	60	M8	0,89
L1016.F30	30	42	90	94,8	7,0	12,0	22,8	12,0	10,0	72	28	31,0	67,8	52	11,7	80	M10	1,10
L1016.F30-L	30	42	90	105,0	7,0	12,0	22,8	12,0	10,0	72	28	31,0	78,0	52	11,7	80	M10	1,34
L1016.F30-XL	30	42	90	130,5	7,0	12,0	22,8	12,0	10,0	72	28	31,0	103,5	52	11,7	80	M10	1,66
L1016.F35	35	48	100	111,5	7,5	14,0	26,0	12,0	11,5	82	34	33,0	80,5	62	11,5	80	M10	1,50
L1016.F35-L	35	48	100	123,5	7,5	14,0	26,0	12,0	11,5	82	34	33,0	92,5	62	11,5	80	M10	1,90
L1016.F35-XL	35	48	100	153,5	7,5	14,0	26,0	12,0	11,5	82	34	33,0	122,5	62	11,5	80	M10	2,54
L1016.F45	45	60	120	129,0	8,9	16,0	31,1	17,0	14,4	100	45	37,5	94,0	80	10,8	105	M12	2,27
L1016.F45-L	45	60	120	145,0	8,9	16,0	31,1	17,0	14,4	100	45	37,5	110,0	80	10,8	105	M12	2,68
L1016.F45-XL	45	60	120	174,0	8,9	16,0	31,1	17,0	14,4	100	45	37,5	139,0	80	10,8	105	M12	3,42
L1016.F55	55	70	140	155,0	12,7	19,0	38,0	20,0	14,0	116	53	43,5	116,0	95	10,8	120	M14	3,44
L1016.F55-L	55	70	140	193,0	12,7	19,0	38,0	20,0	14,0	116	53	43,5	154,0	95	10,8	120	M14	4,63
L1016.F55-XL	55	70	140	210,0	12,7	19,0	38,0	20,0	14,0	116	53	43,5	171,0	95	10,8	120	M14	5,16

Order No.	$d_2$	$d_3$	$d_4$	Dynamic load C kN	Static load $C_{Orad + ax}$ kN	$M_x$ Nm	$M_y$ Nm	$M_z$ Nm
L1016.F15	4,4	7,5	M3 x 0,5	11,67	19,90	137	120	120
L1016.F15-L	4,4	7,5	M3 x 0,5	14,12	24,05	166	171	171
L1016.F20	5,4	9,5	M6 x 1,0	17,98	30,96	289	224	224
L1016.F20-L	5,4	9,5	M6 x 1,0	23,30	40,11	376	366	366
L1016.F25	6,8	11,0	M6 x 1,0	25,25	41,73	447	358	358
L1016.F25-L	6,8	11,0	M6 x 1,0	32,44	53,63	576	577	577
L1016.F25-XL	6,8	11,0	M6 x 1,0	36,58	64,30	691	833	833
L1016.F30	8,6	14,0	M6 x 1,0	37,33	55,50	719	560	560

# Flanged Carriages - Standard

with retained ball cage

Linear Guideways

Order No.	d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub>	Dynamic load C kN	Static load C <sub>Orad + ax</sub> kN	M <sub>x</sub> Nm	M <sub>y</sub> Nm	M <sub>z</sub> Nm
<b>L1016.F30-L</b>	8,6	14,0	M6 x 1,0	48,35	71,88	931	836	836
<b>L1016.F30-XL</b>	8,6	14,0	M6 x 1,0	53,83	88,18	1142	1361	1361
<b>L1016.F35</b>	8,6	14,0	M6 x 1,0	53,31	82,66	1307	991	991
<b>L1016.F35-L</b>	8,6	14,0	M6 x 1,0	66,61	103,29	1633	1424	1424
<b>L1016.F35-XL</b>	8,6	14,0	M6 x 1,0	73,29	127,68	2020	2330	2330
<b>L1016.F45</b>	10,6	20,0	M8 x 1,25	73,14	111,30	2353	1559	1559
<b>L1016.F45-L</b>	10,6	20,0	M8 x 1,25	86,99	132,39	2798	2170	2170
<b>L1016.F45-XL</b>	10,6	20,0	M8 x 1,25	100,52	166,87	3527	3455	3455
<b>L1016.F55</b>	12,6	23,0	M8 x 1,25	88,26	136,62	3385	2361	2361
<b>L1016.F55-L</b>	12,6	23,0	M8 x 1,25	119,10	183,14	4538	4202	4202
<b>L1016.F55-XL</b>	12,6	23,0	M8 x 1,25	161,43	259,71	6430	6617	6617