

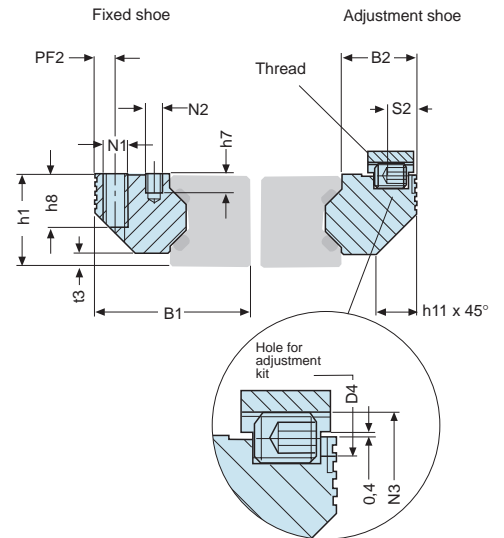
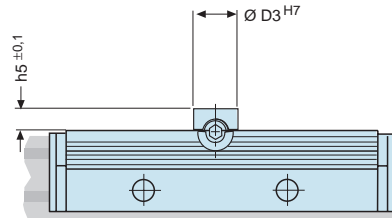
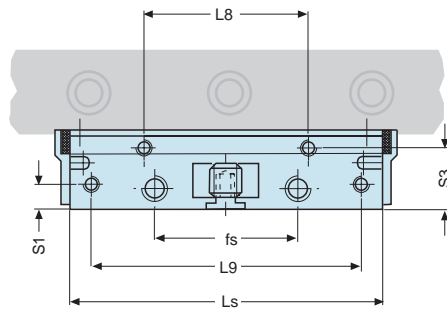
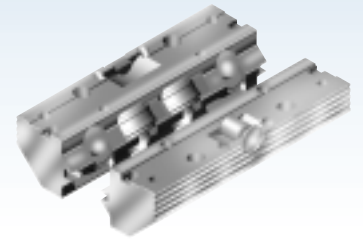
# Aluminium roller shoes

Standard

LINEAR MOTION SYSTEMS LTD  
18-20 RIVERSWAY WORKSHOPS  
LEEWARD RD, PRESTON.PR2 2TE  
TEL. 01772 723777

Series FEA

FAX.01772 733777  
email. sales@linearmotionssystem.co.uk

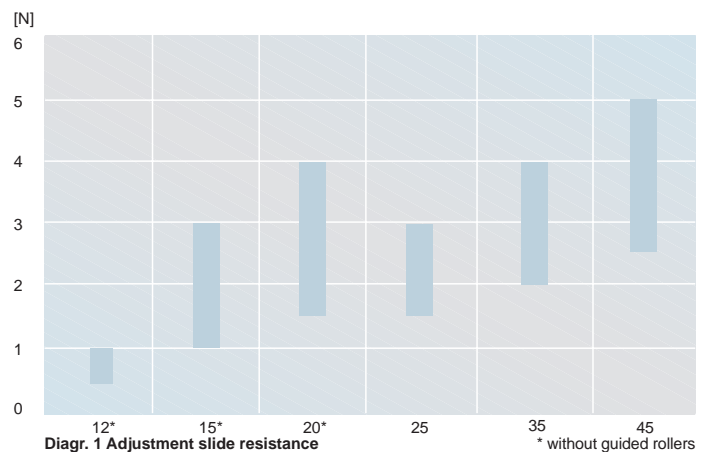


Moment load rating RSP				Dimensions				other dimensions RSP												Weight			Order number RSP	
Mocx	Mcx	Mocy/Mocz	Mcy/Mcz	Ls	B1	h1	h5	PF2	fs	B2	D3	D4	h7	h8	L8	L9	N1	N2	N3	S1	S2	S3	RSP	
1,5(B+30,3)	1,4(B+30,3)	43	40	64	24,4	15,0	4	3,4	25	11,9	8	3	6,0	8	29	57	M4	M3	M4	3,4	4,9	9,7	0,06	84495A
1,7(B+36,5)	2,1(B+36,5)	58	72	78	30,9	19,0	5	4,4	30	15,2	10	4	7,5	10	34	68	M5	M4	M6	4,9	5,9	12,4	0,20	84395A
2,7(B+47,0)	2,7(B+47,0)	111	111	92	40,9	23,0	5	4,9	40	20,4	10	4	8,0	12	42	80	M6	M5	M6	5,9	5,9	16,9	0,30	84442A
5,0(B+58,4)	4,5(B+58,4)	222	198	98	48,4	27,5	7	6,4	45	22,9	14	6	5,0	16	48	84	M8	M5	M8	7,4	8,9	19,4	0,50	84367A
9,0(B+85,0)	6,3(B+85,0)	559	388	135	68,9	37,5	7	8,9	62	32,9	14	6	7,5	20	67	117	M10	M6	M8	8,9	8,9	28,4	1,40	84368A
12,9(B+109,0)	10,6(B+109,0)	983	806	165	82,4	46,5	7	9,9	80	36,4	14	6	9,5	24	83	146	M12	M8	M8	9,9	8,9	30,9	2,80	84369A

Dimensions [mm], Load rating, Moments [Nm], Weight [kg]

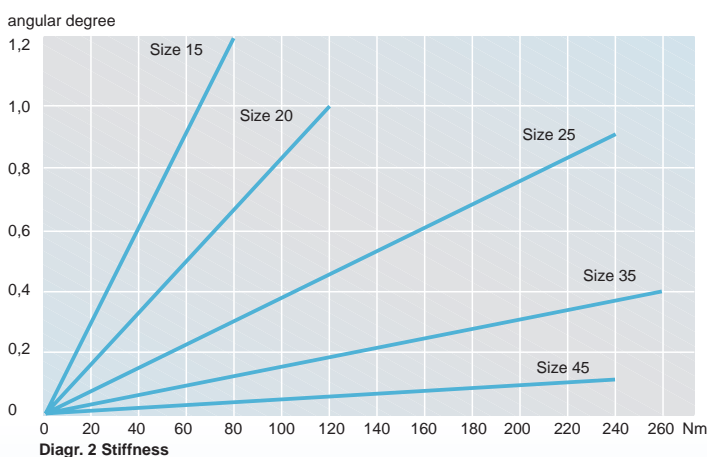
Standard	Basic body	Rollers	Wipers
	anodized Aluminium AlMg Si0,5 F28	Bearing steel 100 Cr 6	Plastic plate PA6 with felt wipers

Material

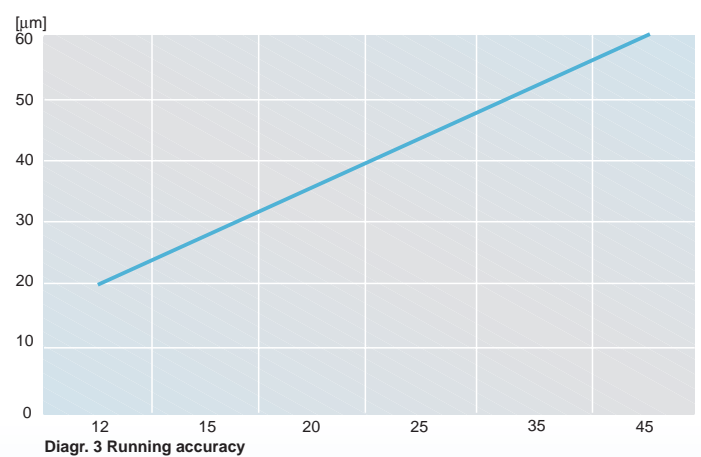


Diagr. 1 Adjustment slide resistance

\* without guided rollers



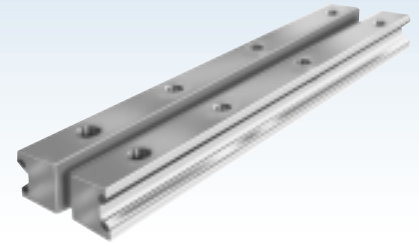
Diagr. 2 Stiffness



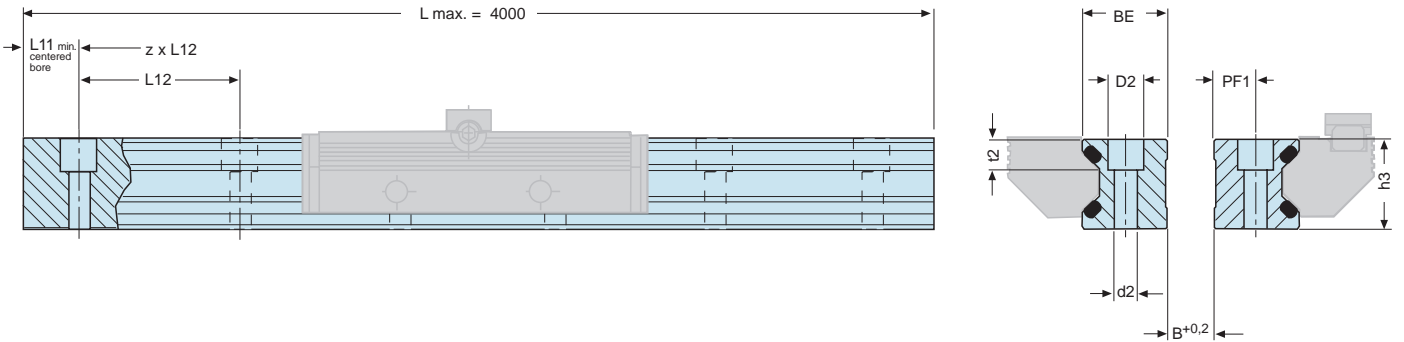
Diagr. 3 Running accuracy

# Pair of Aluminium single rails

## Standard



### Series FEA



Size	BE	D2	d2	h3	L11	L12	PF1	t2	Weight [Pair of rails]
12	12,00	6	3,4	14,7	10	40	5,5	5,5	0,8
15	15,25	8	4,5	18,7	10	60	7,0	6,0	1,6
20	20,00	10	5,5	22,6	10	60	9,5	7,0	2,0
25	25,00	11	6,6	27,0	10	60	12,0	10,0	3,8
35	35,00	15	9,0	37,0	12	80	17,0	11,5	7,0
45	45,00	18	11,0	46,0	16	105	22,0	14,5	11,2

Dimensions [mm], Weight [kg/m]

### Technical information

#### pair of single rail

#### Consists of:

- Aluminium body
- 4 raceways made of high alloy spring steel
- plastic covers for bore holes

#### Features:

- free selection of guide width
- the roller shoes can be placed in between or outside the rail pair

#### Length:

- in one piece for all catalogue lengths and intermediate lengths
- for endless strokes the rails can be coupled

#### Fastening:

- with screws quality 8.8 and washers DIN433

LINEAR MOTION SYSTEMS LTD  
 18-20 RIVERSWAY WORKSHOPS  
 LEEWARD RD, PRESTON.PR2 2TE  
 TEL. 01772 723777  
 FAX.01772 733777  
 email. sales@linearmotionsystems.co.uk

	Rail body	Raceways	Fastening bores
Standard	high density anodised aluminium	high alloy spring steel	centered due to rail length
Material			

Length L [mm]	Order number					
	Pair of rails Gr. 12	15	20	25	35	45
200	64954A	63199A	69010A	62701A		
300	64956A	63201A	69012A	62703A	62734A	62769A
400	64958A	63203A	69014A	62705A	62736A	62771A
500	64960A	63205A	69016A	62707A	62738A	62773A
600	64962A	63207A	69018A	62709A	62740A	62775A
700	64964A	63209A	69020A	62711A	62742A	62777A
800	64966A	63211A	69022A	62713A	62744A	62779A
900	64968A	63213A	69024A	62715A	62746A	62781A
1000	64970A	63215A	69026A	62717A	62748A	62783A
1100	64971A	63216A	69027A	62718A	62749A	62784A
1200	64972A	63217A	69028A	62719A	62750A	62785A
1300	64973A	63218A	69029A	62720A	62751A	62786A
1400	64974A	63219A	69030A	62721A	62752A	62787A
1500	64975A	63220A	69031A	62722A	62753A	62788A
1600	64976A	63221A	69032A	62723A	62754A	62789A
1700	64977A	63222A	69033A	62724A	62755A	62790A
1800	64978A	63223A	69034A	62725A	62756A	62791A
1900	64979A	63224A	69035A	62726A	62757A	62792A
2000	64980A	63225A	69036A	62727A	62758A	62793A
2100	64981A	63226A	69037A	62728A	62759A	62794A
2200	64982A	63227A	69038A	62729A	62760A	62795A
2300	64983A	63228A	69039A	62730A	62761A	62796A
2400	64984A	63229A	69040A	62731A	62762A	62797A
2500	64985A	63230A	69041A	62732A	62763A	62798A
2600	64986A	69000A	69042A	63147A	62764A	62799A
2700	64987A	69001A	69043A	63148A	62765A	62800A
2800	64988A	69002A	69044A	63149A	62766A	62801A
2900	64989A	69003A	69045A	63150A	62767A	62802A
3000	64990A	69004A	69046A	63151A	62768A	62803A
3200	64991A	69005A	69047A	63152A	63157A	62804A
3400	64992A	69006A	69048A	63153A	63158A	62805A
3600	64993A	69007A	69049A	63154A	63159A	62659A
3800	64994A	69008A	69050A	63155A	63160A	62807A
4000	64995A	69009A	69051A	63156A	63161A	62808A