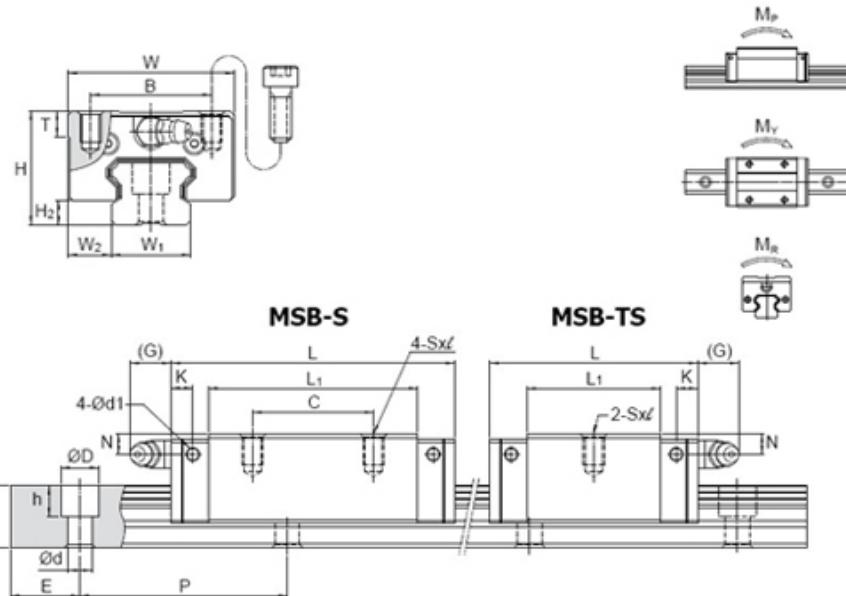


MSB TS/S

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Note: Rail mounting holes for M3 (6x4.5x3.5) and M4 (7.5x5.3x4.5) are available for MSB15 rail. The codes of rail type are MSB15R for M3

mounting holes, and MSB15U for M4 mounting holes.

Note: The basic dynamic load rating C of ball type is based on the 50 km for nominal life.

The conversion between C for 50 km and C_{100} for 100 km is $C=1.26 \times C_{100}$.

Note*: Single: Single carriage/ Double: Double carriages closely contacting with each other.

Unit:mm

Model No.	External dimension							Carriage dimension							
	Height H	Width W	Length L	W ₂	H ₂	B	C	S × l	L ₁	T	N	G	K	d ₁	Grease Nipple
MSB 15TS	24	34	40.2	9.5	4.5	26	-	M4 x 6	23.5	6	5.5	5.5	5.1	3.3	G-M4
MSB 15S			57.2				26		40.5						
MSB 20TS	28	42	48	11	6	32	-	M5 x 7	29	6	5.5	12	5.9	3.3	G-M6
MSB 20S			67				32		48						
MSB 25TS	33	48	60.2	12.5	7	35	-	M6 x 9	38.7	8	6	12	6.2	3.3	G-M6
MSB 25S			82				35		60.5						
MSB 30TS	42	60	68	16	9.5	40	-	M8 x 12	43.3	8	8	12	6.3	3.3	G-M6
MSB 30S			96.7				40		72						
MSB 35TS			77.4				-		46						
MSB 35S	48	70	111.4	18	9.5	50	50	M8 x 12	80	12.5	8.5	11.5	9.8	3.3	G-M6
MSB 35LS			136.9				72		105.5						

Model No.	Width W ₁	Height H ₁	Pitch P	E std.	D × h × d	Rail dimension		Basic load rating		Static moment rating				Weight	
						Dynamic C kN	Static Co kN	M _p kN-m	M _y kN-m	M _r kN-m	Carriage kg	Rail kg/m			
MSB 15TS	15	12.5	60	20	6 × 4.5 × 3.5 (7.5 × 5.3 × 4.5)	6.7	9.6	0.04	0.26	0.04	0.26	0.07	0.09	1.2	
MSB 15S						10.0	16.9	0.10	0.61	0.10	0.61	0.13	0.16		
MSB 20TS	20	15	60	20	9.5 × 8.5 × 6	9.7	14.2	0.07	0.44	0.07	0.44	0.14	0.16	2	
MSB 20S						13.9	23.6	0.18	0.97	0.18	0.97	0.24	0.26		
MSB 25TS	23	18	60	20	11 × 9 × 7	15.6	22.1	0.13	0.91	0.13	0.91	0.26	0.29	3	
MSB 25S						22.3	36.9	0.35	1.87	0.35	1.87	0.43	0.45		
MSB 30TS	28	23	80	20	11 × 9 × 7	23.1	31.8	0.23	1.39	0.23	1.39	0.45	0.52	4.4	
MSB 30S						32.9	53.1	0.60	3.15	0.60	3.15	0.74	0.86		