HRC MN

Slim block with standard length and standard height, with or without ball chain. HRC55MN is only available without ball chain.



For high load applications or any application where severe chock-loads may occur, the standard version offers better safety margins by its higher static limit (C0). For light to medium loads where a very long lifetime is required, the ball-cage will show superior life span and reliability.

Please note that ball chain versions must never be used for linear speeds exceeding 3 m/s!

Size 15 delivered with straight standard nipple.
Size 20 – 55 delivered with angled standard nipple.

Lubrications injections ports on the block:
N1: Front of the block. All blocks are delivered with front mounted standard grease nipple.
N2: Side of the block. The side lubrication injection port is sealed on delivery to prevent leakage of lubrication.
N3: Top of the block with an O-ring seal. The top lubrication injection port is sealed on delivery to prevent leakage of lubrication.

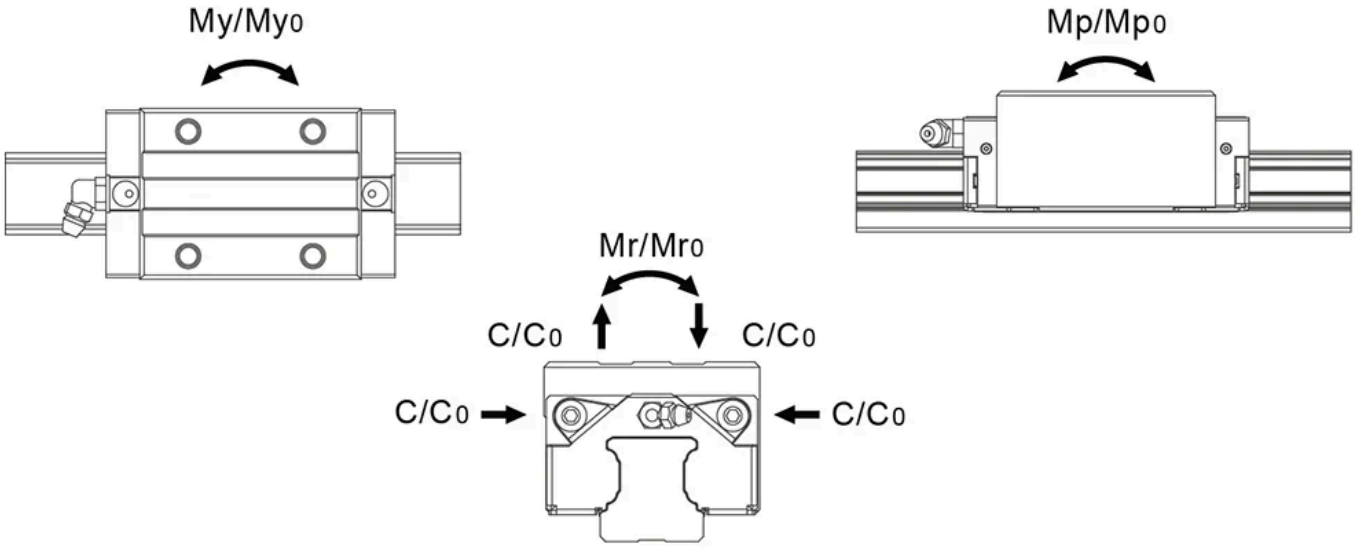
Dimensions in mm.

Lead times in the table below are only indications. Choice of preload, accuracy class and other options will affect lead time. Please contact us for exact delivery time for your request.

For more information about calculation of life, load rating and static moment see Technical information.

Every care has been taken to ensure the accuracy of the information in this document, but we take no liability for any errors or omissions. We reserve the right to make changes without prior notice.

General Data

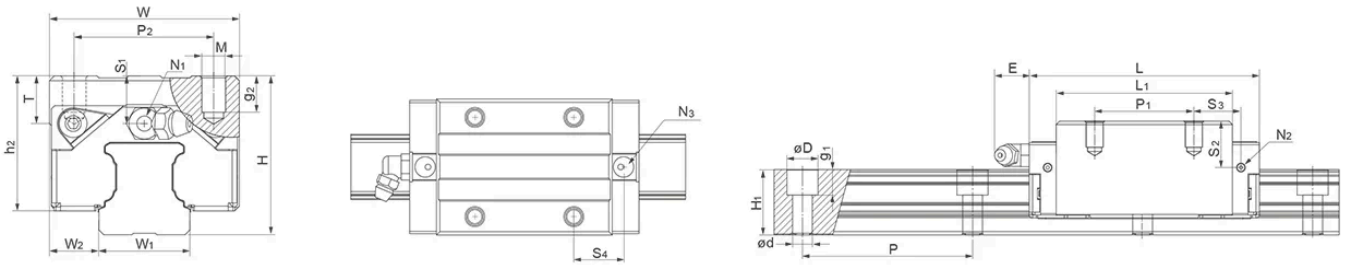


Designation	Remark	Dynamic Load Capacity C (N)	Static Load Capacity C0 (N)	Static Moment Mp0 (Nm)	Static Moment Mr0 (Nm)
HRC15MN	-	9900	17500	105	140
HRC20MN	-	17100	30000	230	325
HRC25MN	-	24800	42500	385	540
HRC30MN	-	32800	53700	565	845
HRC35MN	-	45900	82900	1080	1700
HRC45MN	-	71300	122100	1910	3200
HRC55MN	No ball chain	128000	186000	3278	4949

Designation	Static Moment My0 (Nm)	Dynamic Moment Mr (Nm)	Dynamic Moment Mp (Nm)	Dynamic Moment My (Nm)	Weight Block (g)
HRC15MN	105	79	59	59	200
HRC20MN	230	185	131	131	318
HRC25MN	385	315	225	225	578
HRC30MN	565	516	345	345	896
HRC35MN	1080	941	598	598	1430
HRC45MN	1910	1869	1115	1115	2794
HRC55MN	3278	3406	2256	2256	5110

Every care has been taken to ensure the accuracy of the information in this document, but we take no liability for any errors or omissions. We reserve the right to make changes without prior notice.

Dimensions



**E: Size 15 delivered with straight standard nipple.
Size 20 – 55 delivered with angled standard nipple.

Designation	L	H	W	L1	H1	h2	W1	W2	S1
HRC15MN	55.5	28	34	40.3	15	24.7	15	9.5	8.5
HRC20MN	69	30	44	52	20	25	20	12	6
HRC25MN	81.2	40	48	62.2	23	34	23	12.5	12
HRC30MN	95.5	45	60	71.5	27	38.4	28	16	10.5
HRC35MN	111.2	55	70	86.2	32	47.4	34	18	15
HRC45MN	135.5	70	86	102.5	39	60.7	45	20.5	21.1
HRC55MN	168.5	80	100	126.5	45.7	68	53	23.5	23.5

Designation	S2	S3	S4	E	T	N1	N2	N3	M x g2	D x d x g1
HRC15MN	11.5	9.8	10.9	5.3	6	M3x6.5	M3x6	P3	M4x7	7.5 x 4.5 x 5.3
HRC20MN	9.4	11	11.7	10	8	M3x7.5	M3x5.5	P4	M5x8.5	9.5 x 6 x 8.5
HRC25MN	16.3	16.6	17.6	12	12	M6x7.5	M3x6.5	P4	M6x9	11 x 7 x 9
HRC30MN	15	20.8	20.5	12	12	M6x8.5	M6x5	P5	M8x12	14 x 9 x 12
HRC35MN	22	23.4	24.1	12	14	M6x10	M6x7	P5	M8x13	14 x 9 x 12
HRC45MN	28.1	27.3	27.3	14	14	PTI/8x12.5	M6x10.5	P5	M10x20	20 x 14 x 17
HRC55MN	33.5	34.8	33.8	12	16	M6x10	M6x13	P5	M12x25	24 x 16 x 20

Designation	P1	P2	Hole Pitch (P)
HRC15MN	26	26	60
HRC20MN	36	32	60
HRC25MN	35	35	60
HRC30MN	40	40	80
HRC35MN	50	50	80
HRC45MN	60	60	105
HRC55MN	75	75	120

Every care has been taken to ensure the accuracy of the information in this document, but we take no liability for any errors or omissions. We reserve the right to make changes without prior notice.