HRC ML

Slim, long block with standard height, with or without ball chain. HRC55ML is 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 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.

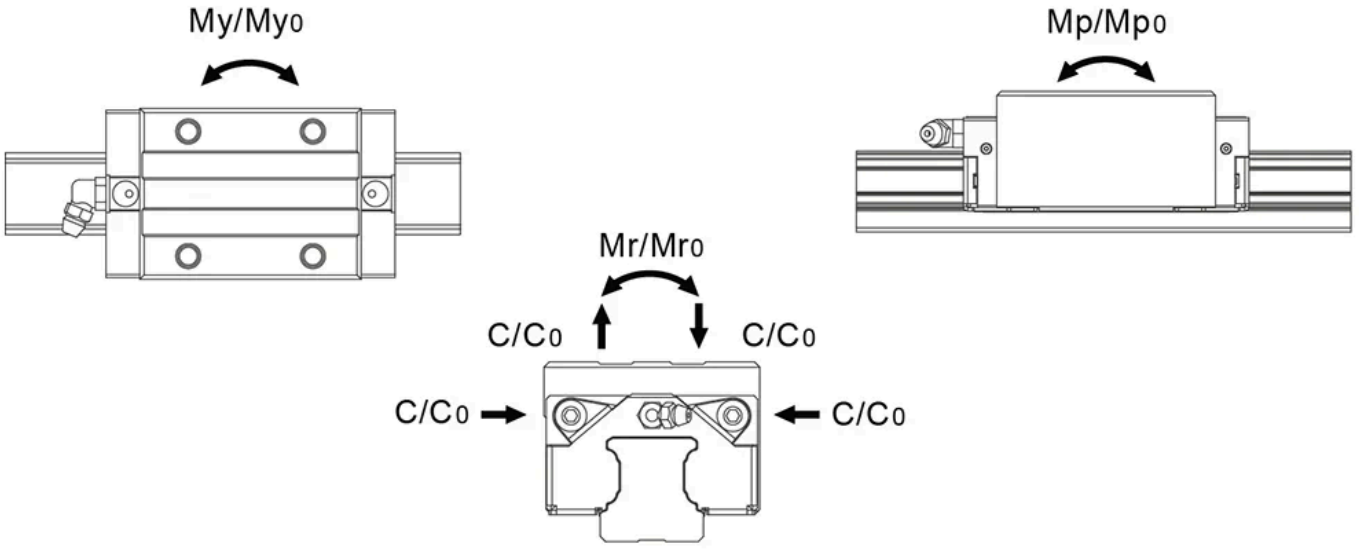
Dimensions in mm.

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

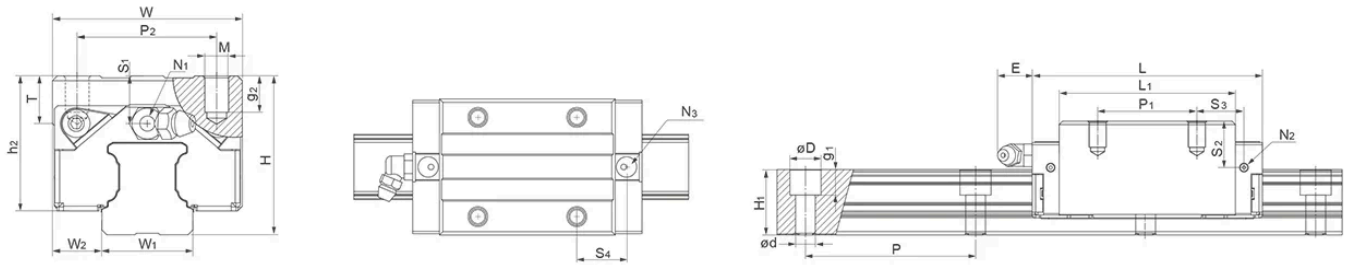


Designation	Remark	Dynamic Load Capacity C (N)	Static Load Capacity C0 (N)	Static Moment Mp0 (Nm)	Static Moment Mr0 (Nm)
HRC20ML	-	20400	38500	390	415
HRC25ML	-	30700	57700	710	735
HRC30ML	-	39600	70200	950	1105
HRC35ML	-	54700	106500	1755	2185
HRC45ML	-	89500	169100	3460	4430
HRC55ML	No ball chain	147000	226000	5284	6472

Designation	Static Moment My0 (Nm)	Dynamic Moment Mr (Nm)	Dynamic Moment Mp (Nm)	Dynamic Moment My (Nm)	Weight Block (g)
HRC20ML	390	220	207	207	400
HRC25ML	710	391	378	378	685
HRC30ML	950	623	536	536	1150
HRC35ML	1755	1122	901	901	1953
HRC45ML	3460	2345	1831	1831	4060
HRC55ML	5284	4210	3437	3437	6243

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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
HRC20ML	87.2	30	44	70.2	20	25	20	12	6
HRC25ML	105	40	48	86	23	34	23	12.5	12
HRC30ML	118	45	60	94	27	38.4	28	16	10.5
HRC35ML	136.6	55	70	111.6	32	47.4	34	18	15
HRC45ML	171.5	70	86	138.5	39	60.7	45	20.5	21.1
HRC55ML	202	80	100	160	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
HRC20ML	9.4	13.1	13.8	10	8	M3x7.5	M3x5.5	P4	M5x8.5	9.5 x 6 x 8.5
HRC25ML	16.3	21	22	12	12	M6x7.5	M3x6.5	P4	M6x9	11 x 7 x 9
HRC30ML	15	21.7	21.8	12	12	M6x8.5	M6x5	P5	M8x12	14 x 9 x 12
HRC35ML	22	25.1	25.8	12	14	M6x10	M6x7	P5	M8x13	14 x 9 x 12
HRC45ML	28.1	35	35	14	14	PTI/8x12.5	M6x10.5	P5	M10x20	20 x 14 x 17
HRC55ML	33.5	41.5	40.5	12	16	M6x10	M6x13	P5	M12x25	24 x 16 x 20

Designation	P1	P2	Hole Pitch (P)
HRC20ML	50	32	60
HRC25ML	50	35	60
HRC30ML	60	40	80
HRC35ML	72	50	80
HRC45ML	80	60	105
HRC55ML	95	75	120

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