

ARC MN

Slim block with and without ball chain. ARC55MN 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 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.

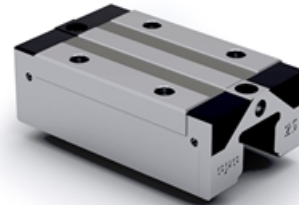
N2: Side of the block. The side lubrication injection port is sealed on delivery to prevent leakage of lubrication.

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.



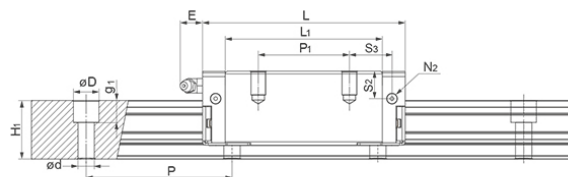
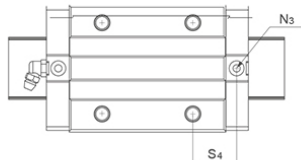
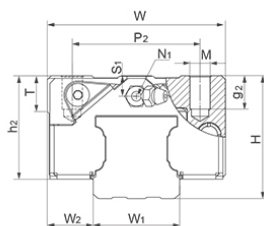
General Data



| Designation | Remark | Dynamic Load Capacity C (N) | Static Load Capacity C ₀ (N) | Static Moment M _{p0} (Nm) | Static Moment M _{r0} (Nm) |
|-------------|---------------|-----------------------------|---|------------------------------------|------------------------------------|
| ARC15MN | - | 9900 | 17500 | 105 | 140 |
| ARC20MN | - | 17100 | 30000 | 230 | 325 |
| ARC25MN | - | 24800 | 42500 | 385 | 540 |
| ARC30MN | - | 32800 | 53700 | 565 | 845 |
| ARC35MN | - | 45900 | 82900 | 1080 | 1700 |
| ARC45MN | - | 71300 | 122100 | 1910 | 3200 |
| ARC55MN | No ball chain | 128000 | 186000 | 3278 | 4949 |

| Designation | Static Moment M _{y0} (Nm) | Dynamic Moment M _r (Nm) | Dynamic Moment M _p (Nm) | Dynamic Moment M _y (Nm) | Weight Block (g) |
|-------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------|
| ARC15MN | 105 | 79 | 59 | 59 | 158 |
| ARC20MN | 230 | 185 | 131 | 131 | 266 |
| ARC25MN | 385 | 315 | 225 | 225 | 420 |
| ARC30MN | 565 | 516 | 345 | 345 | 800 |
| ARC35MN | 1080 | 941 | 598 | 598 | 1120 |
| ARC45MN | 1910 | 1869 | 1115 | 1115 | 2120 |
| ARC55MN | 3278 | 3406 | 2256 | 2256 | 4200 |

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 |
|-------------|-------|----|-----|-------|------|------|----|------|------|
| ARC15MN | 55.5 | 24 | 34 | 40.3 | 15 | 20.7 | 15 | 9.5 | 4.5 |
| ARC20MN | 69 | 28 | 42 | 52 | 20 | 23 | 20 | 11 | 4 |
| ARC25MN | 81.2 | 33 | 48 | 62.2 | 23 | 27 | 23 | 12.5 | 5 |
| ARC30MN | 95.5 | 42 | 60 | 71.5 | 27 | 35.2 | 28 | 16 | 7.5 |
| ARC35MN | 111.2 | 48 | 70 | 86.2 | 32 | 40.4 | 34 | 18 | 8 |
| ARC45MN | 135.5 | 60 | 86 | 102.5 | 39 | 50.7 | 45 | 20.5 | 11.1 |
| ARC55MN | 168.5 | 70 | 100 | 126.5 | 45.7 | 58 | 53 | 23.5 | 13.5 |

| Designation | S2 | S3 | S4 | E | T | N1 | N2 | N3 | M x g2 | D x d x g1 |
|-------------|------|------|------|-----|----|------------|---------|----|--------|-----------------|
| ARC15MN | 7.5 | 9.8 | 10.9 | 5.3 | 6 | M3x6.5 | M3x6 | P3 | M4x7 | 7.5 x 4.5 x 5.3 |
| ARC20MN | 7.4 | 13 | 13.7 | 10 | 8 | M3x7.5 | M3x5.5 | P4 | M5x7 | 9.5 x 6 x 8.5 |
| ARC25MN | 9.3 | 16.6 | 17.6 | 12 | 8 | M6x7.5 | M3x6.5 | P4 | M6x9 | 11 x 7 x 9 |
| ARC30MN | 12 | 20.8 | 20.5 | 12 | 12 | M6x8.5 | M6x5 | P5 | M8x10 | 14 x 9 x 12 |
| ARC35MN | 15 | 23.4 | 24.1 | 12 | 14 | M6x10 | M6x7 | P5 | M8x13 | 14 x 9 x 12 |
| ARC45MN | 18.1 | 27.3 | 27.2 | 14 | 14 | PTI/8x12.5 | M6x10.5 | P5 | M10x17 | 20 x 14 x 17 |
| ARC55MN | 23.5 | 34.8 | 33.8 | 12 | 16 | M6x10 | M6x13 | P5 | M12x20 | 24 x 16 x 20 |

| Designation | P1 | P2 | Hole Pitch (P) |
|-------------|----|----|----------------|
| ARC15MN | 26 | 26 | 60 |
| ARC20MN | 32 | 32 | 60 |
| ARC25MN | 35 | 35 | 60 |
| ARC30MN | 40 | 40 | 80 |
| ARC35MN | 50 | 50 | 80 |
| ARC45MN | 60 | 60 | 105 |
| ARC55MN | 75 | 75 | 120 |