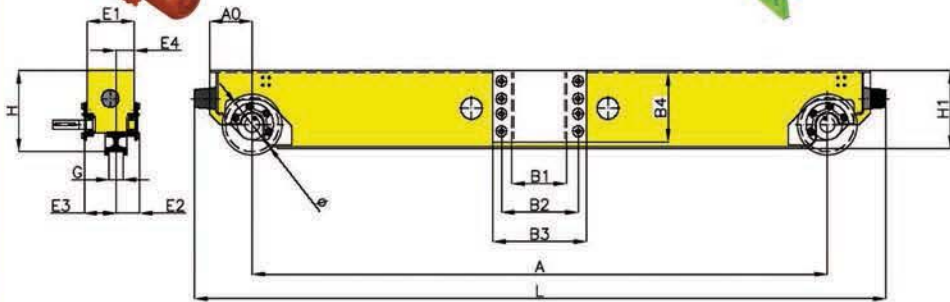


SINGLE GIRDER END-CARRIAGES



| ITEM | MB45 | MB46 | MB48 | MB44 | MB57 (*) | MB58 | MB60 |
|------------------------------|-----------|-----------|-----------|-----------|----------|-----------|---------|
| Ø | 200 | 200 | 250 | 200 | 125 | 160 | 250 |
| G | 70 | 70 | 70 | 70 | 60 | 70 | 70 |
| A | 2350 | 2700 | 2700 | 3700 | 1500 | 2200 | 3700 |
| A0 | 175 | 175 | 200 | 175 | 150 | 160 | 362 |
| L | 2850 | 3200 | 3245 | 4200 | 1880 | 2680 | 4245 |
| H | 335 | 335 | 375 | 375 | 248 | 267 | 397 |
| H1 | 317 | 318 | 360 | 358 | 236 | 257 | 380 |
| E1 | 194 | 196 | 210 | 196 | 140 | 152 | 214 |
| E2 | 105 | 105 | 115 | 105 | 90 | 95 | 115 |
| E3 | 155 | 155 | 165 | 155 | 90 | 95 | 166 |
| E4 | 72 | 73 | 80 | 73 | 70 | 76 | 82 |
| B1 | 230 | 280 | 280 | 320 | 120 | 230 | 275 |
| B2 | 315 | 360 | 360 | 405 | 220 | 315 | 405 |
| B3 | 395 | 440 | 440 | 485 | 320 | 395 | 485 |
| B4 | 290 | 290 | 330 | 330 | 220 | 235 | 330 |
| X | 158 | 159 | 166 | 159 | 102 | 110 | 168 |
| Weight | 500 | 610 | 860 | 900 | 276 | 400 | 546 |
| B-B1 Min-Max | 180 + 230 | 230 + 280 | 230 + 280 | 280 + 320 | / + 120 | 180 + 230 | 270+320 |
| h min | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| Max Wheel Load KN M-5- | 36 | 39 | 54 | 43 | 29 | 32 | 88 |

0,55 / 0,18 kW 0,75 / 0,25 kW 1,10 / 0,37 kW
1,50 / 0,50 kW 2,20 / 0,75 kW 3,00 / 1,00 kW

AVAILABLE STANDARD MOTOR POWERS



MONORAIL GIRDER

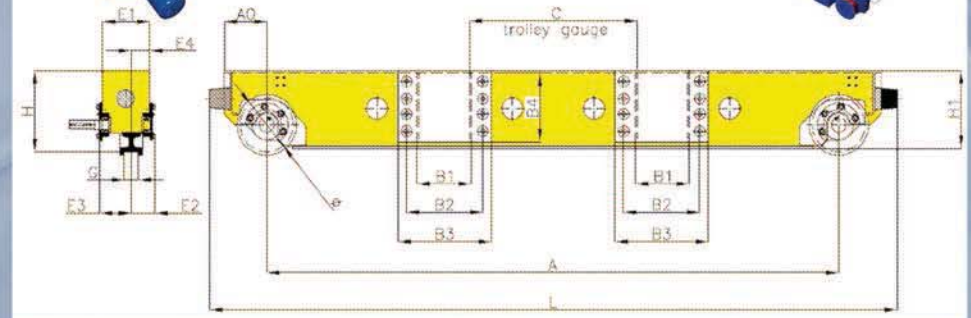
SPEED SELECTION

30 / 7,5 mt. / min.
40 / 10 mt. / min.
60 / 20 mt. / min.
80 mt. / min. no load VFD controlled

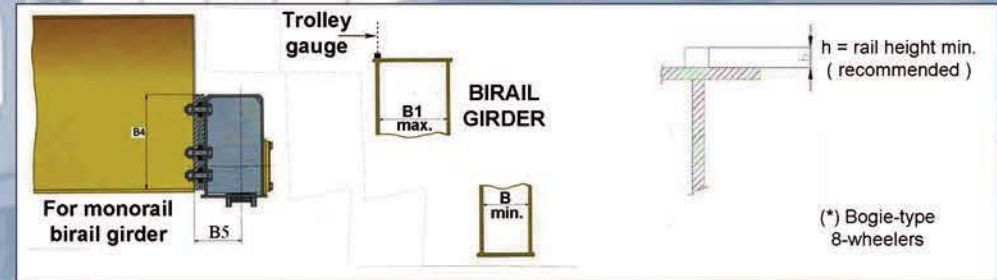


(*) End-carriages for HEA beam bridges

DOUBLE GIRDER END-CARRIAGES



| ITEM | Ø | G | A | A0 | L | H | H1 | E1 | E2 | E3 | E4 | B | B1 | B2 | B3 | B4 | X | C | H min | weight Kg | Max wheel load KN |
|---------|-----|----|------|-----|------|-----|-----|-----|-----|-----|-------|-----|-----|-----|-------|-----|-------|----------|-------|-----------|-------------------|
| MB30 | 160 | | 2000 | 160 | 2480 | 267 | 257 | 152 | 94 | 94 | 76 | * | * | 220 | 320 | 250 | 110 | 1000 | 40 | 175 | 38 |
| MB33 | 200 | 70 | 2500 | 175 | 3000 | 335 | 316 | 192 | 105 | 155 | 71 | 210 | 250 | 335 | 415 | 290 | 157 | 1000 | 40 | 250 | 54 |
| MB34 | | | 3150 | | 3650 | | 317 | | | | 194 | 72 | 280 | 320 | 405 | | 485 | | | 158 | 1000 |
| MB36 | 250 | 70 | 2500 | 200 | 3045 | 375 | 356 | 202 | 115 | 165 | 76 | 250 | 290 | 375 | 455 | 330 | 162 | 1000 | 40 | 340 | 71 |
| MB37 | | | 3150 | | 3695 | | 358 | | | | 206 | 78 | 280 | 320 | 405 | | 485 | | | 164 | 1000 |
| MB38 | 315 | 80 | 3700 | 240 | 4245 | 403 | 360 | 210 | 130 | 180 | 80 | 330 | 370 | 455 | 535 | 350 | 166 | 1000 | 40 | 505 | 88 |
| MB40 | | | 3150 | | 3878 | | 378 | | | | 226 | 88 | 280 | 320 | 405 | | 485 | | | 174 | 1200 |
| MB41 | 315 | 80 | 3700 | 240 | 4430 | 483 | 382 | 234 | 130 | 180 | 92 | 380 | 420 | 505 | 585 | 430 | 178 | 1200 | 40 | 700 | 128 |
| MB42 | | | | | 4428 | | 483 | | | | 460 | 230 | 90 | 380 | 420 | | 505 | | | 585 | 176 |
| MB49 | 400 | 90 | 2700 | 300 | 3428 | 403 | 378 | 226 | 165 | 165 | 88 | 280 | 320 | 405 | 485 | 350 | 174 | 1450 | 40 | 455 | 159 |
| MB51 | | | 3700 | | 4540 | | 512 | | | | 224 | 420 | 460 | 540 | 620 | | 480 | | | 148 | 2000 |
| MB52 | 250 | 70 | 4600 | 200 | 5145 | 385 | 370 | 210 | 115 | 112 | 380 | 420 | 505 | 585 | 340 | 166 | 1000 | 40 | 930 | 158 | |
| MB86 | | | | | 5145 | | 385 | | | | 370 | 210 | 115 | 80 | | 340 | | | 166 | 1000 | 610 |
| MB87 | 315 | 80 | 3700 | 240 | 5328 | 493 | 470 | 230 | 130 | 180 | 90 | 420 | 460 | 540 | 620 | 440 | 176 | 1000 | 40 | 820 | 102 |
| MB88 | | | | | 5328 | | 493 | | | | 470 | 230 | 130 | 180 | 90 | | 420 | | | 460 | 540 |
| MB89 | 400 | 90 | 4600 | 300 | 5440 | 580 | 542 | 224 | 165 | 165 | 112 | 470 | 510 | 590 | 670 | 510 | 148 | 1200 | 40 | 1225 | 149 |
| MB90 | | | | | 5440 | | 580 | | | | 542 | 224 | 165 | 165 | 114 | | 470 | | | 510 | 590 |
| MB91 | 500 | 80 | 350 | 350 | 5880 | 700 | 665 | 225 | 161 | 161 | 112,5 | 520 | 560 | 640 | 720 | 630 | 148,5 | 1450 | 40 | 1695 | 250 |
| MB92 | | | | | 5880 | | 700 | | | | 665 | 225 | 161 | 161 | 112,5 | | 520 | | | 560 | 640 |
| MB96 | 400 | | 1600 | 230 | 4460 | 533 | 510 | 230 | 130 | 180 | 90 | 460 | 500 | 590 | 720 | 480 | 181 | Min 2000 | 50 | 1090 | 250 |
| MB93(*) | 315 | 80 | 1850 | 300 | 5300 | 620 | 580 | 220 | 165 | 165 | 110 | 570 | 610 | 690 | 820 | 550 | 150 | Min 2000 | 40 | 714 | 158 |
| MB94(*) | 400 | 90 | 3700 | 300 | 4540 | 565 | 527 | 224 | 165 | 165 | 112 | 420 | 460 | 540 | 620 | 480 | 148 | 2000 | 50 | 775 | 220 |



(*) Bogie-type 8-wheelers