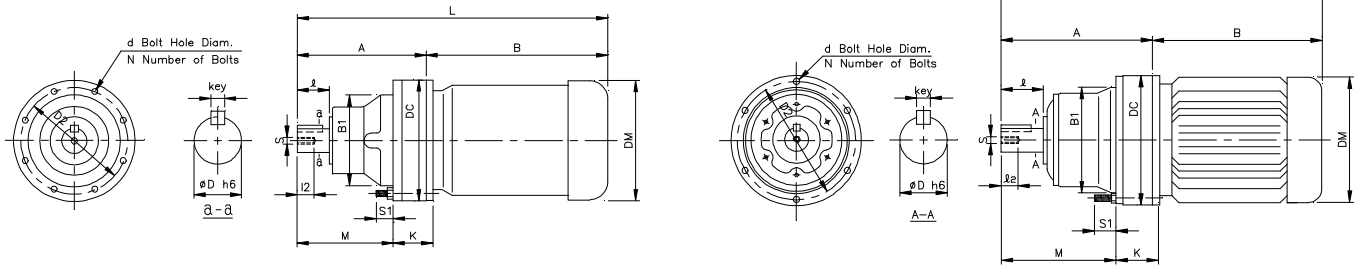


# INTEGRAL GEARMOTOR - MF

1 inch = 25.4 mm  
All dimensions listed are for reference only.  
Contact factory for certified dimensions.

## INCH SHAFT - SINGLE STAGE



B07-MF ~ B12-MF

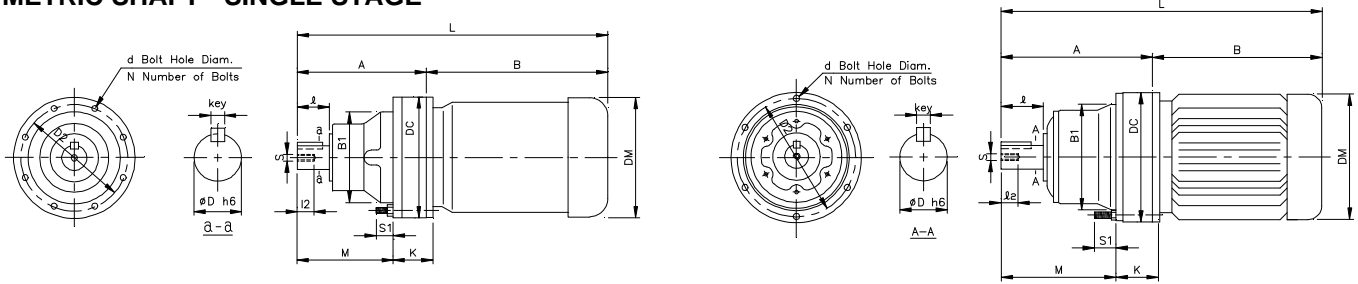
B13-MF ~ B17-MF

| FRAME SIZE  | Dim. in mm |     |     |     |     |     |     |    |     |     |    | Dim. in inch |       |      |                    |     | Wt (lb) |     |
|-------------|------------|-----|-----|-----|-----|-----|-----|----|-----|-----|----|--------------|-------|------|--------------------|-----|---------|-----|
|             | A          | B   | DM  | B1  | DC  | M   | K   | S1 | L   | D2  | d  | N            | D     | I    | Key                | s   |         | I2  |
| B07-(1/8M)F | 92         | 218 | 144 | 75  | 110 | 69  | 32  | 27 | 310 | 98  | 7  | 6            | .500  | 0.98 | 1/8 x 1/8 x .79    | M6  | 12      | 18  |
| B08-(1/8M)F | 98         | 218 | 144 |     |     |     |     |    | 316 |     |    |              |       |      |                    |     |         | 20  |
| B08-(1/4M)F | 98         | 218 | 144 | 80  | 110 | 75  | 32  | 26 | 316 | 98  | 7  | 6            | .750  | 1.18 | 3/16 x 3/16 x 1.06 | M6  | 12      | 29  |
| B08-(1/2M)F | 98         | 238 | 162 |     |     |     |     |    | 336 |     |    |              |       |      |                    |     |         | 37  |
| B09-(1/8M)F | 157        | 218 | 144 |     |     |     |     |    | 375 |     |    |              |       |      |                    |     |         | 37  |
| B09-(1/4M)F | 157        | 218 | 144 | 105 | 150 | 129 | 38  | 26 | 375 | 134 | 9  | 8            | 1.125 | 1.97 | 1/4 x 1/4 x 1.18   | M8  | 18      | 46  |
| B09-(1/2M)F | 157        | 238 | 162 |     |     |     |     |    | 395 |     |    |              |       |      |                    |     |         | 35  |
| B09-(1M)F   | 157        | 248 | 177 |     |     |     |     |    | 405 |     |    |              |       |      |                    |     |         | 62  |
| B10-(1/8M)F | 171        | 204 | 144 |     |     |     |     |    | 375 |     |    |              |       |      |                    |     |         | 42  |
| B10-(1/4M)F | 171        | 204 | 144 |     |     |     |     |    | 375 |     |    |              |       |      |                    |     |         | 51  |
| B10-(1/2M)F | 171        | 224 | 162 | 105 | 150 | 129 | 56  | 27 | 395 | 134 | 9  | 8            | 1.125 | 1.97 | 1/4 x 1/4 x 1.18   | M8  | 18      | 62  |
| B10-(1M)F   | 171        | 234 | 177 |     |     |     |     |    | 405 |     |    |              |       |      |                    |     |         | 66  |
| B10-(2M)F   | 171        | 270 | 200 |     |     |     |     |    | 441 |     |    |              |       |      |                    |     |         | 86  |
| B10-(3M)F   | 171        | 301 | 219 |     |     |     |     |    | 472 |     |    |              |       |      |                    |     |         | 106 |
| B11-(1/2M)F | 186        | 244 | 162 |     |     |     |     |    | 430 |     |    |              |       |      |                    |     |         | 86  |
| B11-(1M)F   | 186        | 254 | 177 |     |     |     |     |    | 440 |     |    |              |       |      |                    |     |         | 90  |
| B11-(2M)F   | 186        | 287 | 200 | 140 | 204 | 139 | 61  | 28 | 473 | 180 | 11 | 6            | 1.500 | 2.17 | 3/8 x 3/8 x 1.77   | M10 | 18      | 110 |
| B11-(3M)F   | 186        | 319 | 219 |     |     |     |     |    | 505 |     |    |              |       |      |                    |     |         | 110 |
| B11-(5M)F   | 186        | 349 | 238 |     |     |     |     |    | 535 |     |    |              |       |      |                    |     |         | 157 |
| B12-(1/2M)F | 186        | 244 | 162 |     |     |     |     |    | 430 |     |    |              |       |      |                    |     |         | 86  |
| B12-(1M)F   | 186        | 254 | 177 |     |     |     |     |    | 440 |     |    |              |       |      |                    |     |         | 90  |
| B12-(2M)F   | 186        | 287 | 200 | 140 | 204 | 139 | 61  | 28 | 473 | 180 | 11 | 6            | 1.500 | 2.17 | 3/8 x 3/8 x 1.77   | M10 | 18      | 110 |
| B12-(3M)F   | 186        | 319 | 219 |     |     |     |     |    | 505 |     |    |              |       |      |                    |     |         | 110 |
| B12-(5M)F   | 186        | 349 | 238 |     |     |     |     |    | 535 |     |    |              |       |      |                    |     |         | 157 |
| B13-(1M)F   | 240        | 250 | 177 |     |     |     |     |    | 490 |     |    |              |       |      |                    |     |         | 132 |
| B13-(2M)F   | 240        | 290 | 200 |     |     |     |     |    | 530 |     |    |              |       |      |                    |     |         | 152 |
| B13-(3M)F   | 240        | 320 | 219 | 165 | 230 | 177 | 75  | 30 | 560 | 205 | 11 | 6            | 1.875 | 2.76 | 1/2 x 1/2 x 2.17   | M10 | 18      | 172 |
| B13-(5M)F   | 240        | 350 | 238 |     |     |     |     |    | 590 |     |    |              |       |      |                    |     |         | 198 |
| B13-(8M)F   | 240        | 395 | 273 |     |     |     |     |    | 635 |     |    |              |       |      |                    |     |         | 238 |
| B13-(10M)F  | 240        | 435 | 273 |     |     |     |     |    | 675 |     |    |              |       |      |                    |     |         | 260 |
| B14-(1M)F   | 260        | 250 | 177 |     |     |     |     |    | 510 |     |    |              |       |      |                    |     |         | 137 |
| B14-(2M)F   | 260        | 290 | 200 |     |     |     |     |    | 550 |     |    |              |       |      |                    |     |         | 157 |
| B14-(3M)F   | 260        | 320 | 219 | 165 | 230 | 197 | 75  | 30 | 580 | 205 | 11 | 6            | 1.875 | 3.54 | 1/2 x 1/2 x 2.17   | M10 | 18      | 176 |
| B14-(5M)F   | 260        | 350 | 238 |     |     |     |     |    | 610 |     |    |              |       |      |                    |     |         | 203 |
| B14-(8M)F   | 260        | 395 | 273 |     |     |     |     |    | 655 |     |    |              |       |      |                    |     |         | 243 |
| B14-(10M)F  | 260        | 435 | 273 |     |     |     |     |    | 695 |     |    |              |       |      |                    |     |         | 265 |
| B15-(2M)F   | 260        | 290 | 220 |     |     |     |     |    | 550 |     |    |              |       |      |                    |     |         | 159 |
| B15-(3M)F   | 260        | 320 | 219 |     |     |     |     |    | 580 |     |    |              |       |      |                    |     |         | 179 |
| B15-(5M)F   | 260        | 350 | 238 | 165 | 230 | 197 | 75  | 30 | 610 | 205 | 11 | 6            | 1.875 | 3.54 | 1/2 x 1/2 x 2.95   | M10 | 18      | 205 |
| B15-(8M)F   | 260        | 395 | 273 |     |     |     |     |    | 655 |     |    |              |       |      |                    |     |         | 245 |
| B15-(10M)F  | 260        | 435 | 273 |     |     |     |     |    | 695 |     |    |              |       |      |                    |     |         | 269 |
| B15-(15M)F  | 260        | 460 | 334 |     |     |     |     |    | 720 |     |    |              |       |      |                    |     |         | 397 |
| B16-(2M)F   | 308        | 292 | 200 |     |     |     |     |    | 600 |     |    |              |       |      |                    |     |         | 243 |
| B16-(3M)F   | 308        | 322 | 219 |     |     |     |     |    | 630 |     |    |              |       |      |                    |     |         | 265 |
| B16-(5M)F   | 308        | 352 | 238 |     |     |     |     |    | 660 |     |    |              |       |      |                    |     |         | 291 |
| B16-(8M)F   | 308        | 397 | 273 | 200 | 318 | 222 | 102 | 40 | 705 | 270 | 14 | 6            | 2.250 | 3.54 | 1/2 x 1/2 x 2.95   | M10 | 18      | 331 |
| B16-(10M)F  | 308        | 437 | 273 |     |     |     |     |    | 745 |     |    |              |       |      |                    |     |         | 357 |
| B16-(15M)F  | 308        | 462 | 334 |     |     |     |     |    | 770 |     |    |              |       |      |                    |     |         | 452 |
| B16-(20M)F  | 308        | 507 | 334 |     |     |     |     |    | 815 |     |    |              |       |      |                    |     |         | 507 |
| B17-(3M)F   | 352        | 323 | 219 |     |     |     |     |    | 675 |     |    |              |       |      |                    |     |         | 359 |
| B17-(5M)F   | 352        | 353 | 238 |     |     |     |     |    | 705 |     |    |              |       |      |                    |     |         | 381 |
| B17-(8M)F   | 352        | 398 | 273 |     |     |     |     |    | 750 |     |    |              |       |      |                    |     |         | 419 |
| B17-(10M)F  | 352        | 436 | 273 | 250 | 362 | 262 | 110 | 45 | 788 | 300 | 15 | 8            | 2.750 | 3.54 | 5/8 x 5/8 x 3.15   | M12 | 24      | 448 |
| B17-(15M)F  | 352        | 508 | 334 |     |     |     |     |    | 860 |     |    |              |       |      |                    |     |         | 540 |
| B17-(20M)F  | 352        | 553 | 334 |     |     |     |     |    | 905 |     |    |              |       |      |                    |     |         | 591 |
| B17-(25M)F  | 352        | 573 | 382 |     |     |     |     |    | 925 |     |    |              |       |      |                    |     |         | 739 |
| B17-(30M)F  | 352        | 573 | 382 |     |     |     |     |    | 925 |     |    |              |       |      |                    |     |         | 739 |

# INTEGRAL GEARMOTOR - MF

1 inch = 25.4 mm  
All dimensions listed are for reference only.  
Contact factory for certified dimensions.

## METRIC SHAFT - SINGLE STAGE



B07-MF ~ B12-MF

B13-MF ~ B17-MF

| FRAME SIZE  | Dim. in mm |     |     |     |     |     |     |    |     |     | Output Shaft |   |    |    |              | Wt (kg) |    |     |
|-------------|------------|-----|-----|-----|-----|-----|-----|----|-----|-----|--------------|---|----|----|--------------|---------|----|-----|
|             | A          | B   | DM  | B1  | DC  | M   | K   | S1 | L   | D2  | d            | N | D  | I  | Key          |         | s  | l2  |
| B07-(1/8M)F | 92         | 218 | 144 | 75  | 110 | 69  | 32  | 27 | 310 | 98  | 7            | 6 | 14 | 25 | 5 x 5 x 20   | M6      | 12 | 8   |
| B08-(1/8M)F | 98         | 218 | 144 |     |     |     |     |    | 316 |     |              |   |    |    |              |         |    | 9   |
| B08-(1/4M)F | 98         | 218 | 144 | 80  | 110 | 75  | 32  | 26 | 316 | 98  | 7            | 6 | 18 | 30 | 6 x 6 x 25   | M6      | 12 | 13  |
| B08-(1/2M)F | 98         | 238 | 162 |     |     |     |     |    | 336 |     |              |   |    |    |              |         |    | 17  |
| B09-(1/8M)F | 157        | 218 | 144 |     |     |     |     |    | 375 |     |              |   |    |    |              |         |    | 17  |
| B09-(1/4M)F | 157        | 218 | 144 | 105 | 150 | 129 | 38  | 26 | 375 | 134 | 9            | 8 | 28 | 50 | 8 x 7 x 32   | M8      | 18 | 21  |
| B09-(1/2M)F | 157        | 238 | 162 |     |     |     |     |    | 395 |     |              |   |    |    |              |         |    | 16  |
| B09-(1M)F   | 157        | 248 | 177 |     |     |     |     |    | 405 |     |              |   |    |    |              |         |    | 28  |
| B10-(1/8M)F | 171        | 204 | 144 |     |     |     |     |    | 375 |     |              |   |    |    |              |         |    | 19  |
| B10-(1/4M)F | 171        | 204 | 144 |     |     |     |     |    | 375 |     |              |   |    |    |              |         |    | 23  |
| B10-(1/2M)F | 171        | 224 | 162 | 105 | 150 | 129 | 56  | 27 | 395 | 134 | 9            | 8 | 28 | 50 | 8 x 7 x 32   | M8      | 18 | 28  |
| B10-(1M)F   | 171        | 234 | 177 |     |     |     |     |    | 405 |     |              |   |    |    |              |         |    | 30  |
| B10-(2M)F   | 171        | 270 | 200 |     |     |     |     |    | 441 |     |              |   |    |    |              |         |    | 39  |
| B10-(3M)F   | 171        | 301 | 219 |     |     |     |     |    | 472 |     |              |   |    |    |              |         |    | 48  |
| B11-(1/2M)F | 186        | 244 | 162 |     |     |     |     |    | 430 |     |              |   |    |    |              |         |    | 39  |
| B11-(1M)F   | 186        | 254 | 177 |     |     |     |     |    | 440 |     |              |   |    |    |              |         |    | 41  |
| B11-(2M)F   | 186        | 287 | 200 | 140 | 204 | 139 | 61  | 28 | 473 | 180 | 11           | 6 | 38 | 55 | 10 x 8 x 50  | M10     | 18 | 50  |
| B11-(3M)F   | 186        | 319 | 219 |     |     |     |     |    | 505 |     |              |   |    |    |              |         |    | 50  |
| B11-(5M)F   | 186        | 349 | 238 |     |     |     |     |    | 535 |     |              |   |    |    |              |         |    | 71  |
| B12-(1/2M)F | 186        | 244 | 162 |     |     |     |     |    | 430 |     |              |   |    |    |              |         |    | 39  |
| B12-(1M)F   | 186        | 254 | 177 |     |     |     |     |    | 440 |     |              |   |    |    |              |         |    | 41  |
| B12-(2M)F   | 186        | 287 | 200 | 140 | 204 | 139 | 61  | 28 | 473 | 180 | 11           | 6 | 38 | 55 | 10 x 8 x 50  | M10     | 18 | 50  |
| B12-(3M)F   | 186        | 319 | 219 |     |     |     |     |    | 505 |     |              |   |    |    |              |         |    | 50  |
| B12-(5M)F   | 186        | 349 | 238 |     |     |     |     |    | 535 |     |              |   |    |    |              |         |    | 71  |
| B13-(1M)F   | 240        | 250 | 177 |     |     |     |     |    | 490 |     |              |   |    |    |              |         |    | 60  |
| B13-(2M)F   | 240        | 290 | 200 |     |     |     |     |    | 530 |     |              |   |    |    |              |         |    | 69  |
| B13-(3M)F   | 240        | 320 | 219 | 165 | 230 | 177 | 75  | 30 | 560 | 205 | 11           | 6 | 50 | 70 | 14 x 9 x 56  | M10     | 18 | 78  |
| B13-(5M)F   | 240        | 350 | 238 |     |     |     |     |    | 590 |     |              |   |    |    |              |         |    | 90  |
| B13-(8M)F   | 240        | 395 | 273 |     |     |     |     |    | 635 |     |              |   |    |    |              |         |    | 108 |
| B13-(10M)F  | 240        | 435 | 273 |     |     |     |     |    | 675 |     |              |   |    |    |              |         |    | 118 |
| B14-(1M)F   | 260        | 250 | 177 |     |     |     |     |    | 510 |     |              |   |    |    |              |         |    | 62  |
| B14-(2M)F   | 260        | 290 | 200 |     |     |     |     |    | 550 |     |              |   |    |    |              |         |    | 71  |
| B14-(3M)F   | 260        | 320 | 219 | 165 | 230 | 197 | 75  | 30 | 580 | 205 | 11           | 6 | 50 | 90 | 14 x 9 x 80  | M10     | 18 | 80  |
| B14-(5M)F   | 260        | 350 | 238 |     |     |     |     |    | 610 |     |              |   |    |    |              |         |    | 92  |
| B14-(8M)F   | 260        | 395 | 273 |     |     |     |     |    | 655 |     |              |   |    |    |              |         |    | 110 |
| B14-(10M)F  | 260        | 435 | 273 |     |     |     |     |    | 695 |     |              |   |    |    |              |         |    | 120 |
| B15-(2M)F   | 260        | 290 | 220 |     |     |     |     |    | 550 |     |              |   |    |    |              |         |    | 72  |
| B15-(3M)F   | 260        | 320 | 219 |     |     |     |     |    | 580 |     |              |   |    |    |              |         |    | 81  |
| B15-(5M)F   | 260        | 350 | 238 | 165 | 230 | 197 | 75  | 30 | 610 | 205 | 11           | 6 | 50 | 90 | 14 x 9 x 80  | M10     | 18 | 93  |
| B15-(8M)F   | 260        | 395 | 273 |     |     |     |     |    | 655 |     |              |   |    |    |              |         |    | 111 |
| B15-(10M)F  | 260        | 435 | 273 |     |     |     |     |    | 695 |     |              |   |    |    |              |         |    | 122 |
| B15-(15M)F  | 260        | 460 | 334 |     |     |     |     |    | 720 |     |              |   |    |    |              |         |    | 180 |
| B16-(2M)F   | 308        | 292 | 200 |     |     |     |     |    | 600 |     |              |   |    |    |              |         |    | 110 |
| B16-(3M)F   | 308        | 322 | 219 |     |     |     |     |    | 630 |     |              |   |    |    |              |         |    | 120 |
| B16-(5M)F   | 308        | 352 | 238 |     |     |     |     |    | 660 |     |              |   |    |    |              |         |    | 132 |
| B16-(8M)F   | 308        | 397 | 273 | 200 | 318 | 222 | 102 | 40 | 705 | 270 | 14           | 6 | 60 | 90 | 18 x 11 x 80 | M10     | 18 | 150 |
| B16-(10M)F  | 308        | 437 | 273 |     |     |     |     |    | 745 |     |              |   |    |    |              |         |    | 162 |
| B16-(15M)F  | 308        | 462 | 334 |     |     |     |     |    | 770 |     |              |   |    |    |              |         |    | 205 |
| B16-(20M)F  | 308        | 507 | 334 |     |     |     |     |    | 815 |     |              |   |    |    |              |         |    | 230 |
| B17-(3M)F   | 352        | 323 | 219 |     |     |     |     |    | 675 |     |              |   |    |    |              |         |    | 163 |
| B17-(5M)F   | 352        | 353 | 238 |     |     |     |     |    | 705 |     |              |   |    |    |              |         |    | 173 |
| B17-(8M)F   | 352        | 398 | 273 |     |     |     |     |    | 750 |     |              |   |    |    |              |         |    | 190 |
| B17-(10M)F  | 352        | 436 | 273 | 250 | 362 | 262 | 110 | 45 | 788 | 300 | 15           | 8 | 70 | 90 | 20 x 12 x 80 | M12     | 24 | 203 |
| B17-(15M)F  | 352        | 508 | 334 |     |     |     |     |    | 860 |     |              |   |    |    |              |         |    | 245 |
| B17-(20M)F  | 352        | 553 | 334 |     |     |     |     |    | 905 |     |              |   |    |    |              |         |    | 268 |
| B17-(25M)F  | 352        | 573 | 382 |     |     |     |     |    | 925 |     |              |   |    |    |              |         |    | 335 |
| B17-(30M)F  | 352        | 573 | 382 |     |     |     |     |    | 925 |     |              |   |    |    |              |         |    | 335 |