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CHME



CHM





CHMRE



CHMR





GEAR UNIT SELECTION TABLES



| P_{in} (kw) | n_2 (r/min) | i | M_{T2} (Nm) | F_{t2} (N) | f_s |  |  | |
|------------------|------------------|-----|------------------|-----------------|---------|---|---|------|
| 0.25 | 35 | 80 | 42 | 3153 | 1.1 | NMRV050 | 63B5/B14 | 6322 |
| | 28 | 100 | 48 | 3397 | 0.8 | | | |
| | 70 | 20 | 27 | 2503 | 2.7 | NMRV050 | 71B5/B14 | 7114 |
| | 56 | 25 | 32 | 2696 | 2.2 | | | |
| | 46.7 | 30 | 36 | 2865 | 2.3 | | | |
| | 35 | 40 | 46 | 3153 | 1.7 | | | |
| | 28 | 50 | 54 | 3397 | 1.4 | | | |
| | 23.3 | 60 | 60 | 3610 | 1.1 | | | |
| | 17.5 | 80 | 72 | 3973 | 0.9 | NMRV050 | 71B5/B14 | 7126 |
| | 45 | 20 | 40 | 2900 | 1.9 | | | |
| | 36 | 25 | 48 | 3124 | 1.5 | | | |
| | 30 | 30 | 54 | 3320 | 1.7 | | | |
| | 22.5 | 40 | 67 | 3654 | 1.2 | | | |
| | 18 | 50 | 78 | 3936 | 1.0 | | | |
| | 15 | 60 | 88 | 4183 | 0.8 | NMRV063 | 71B5/B14 | 7114 |
| | 28 | 50 | 55 | 4440 | 2.4 | | | |
| | 23.3 | 60 | 63 | 4719 | 2.0 | | | |
| | 17.5 | 80 | 76 | 5193 | 1.6 | | | |
| | 14 | 100 | 87 | 5595 | 1.4 | | | |
| | 18 | 50 | 81 | 5145 | 1.8 | | | |
| 15 | 60 | 92 | 5467 | 1.5 | NMRV063 | 71B5/B14 | 7126 | |
| 11.3 | 80 | 110 | 6018 | 1.2 | | | | |
| 9 | 100 | 125 | 6270 | 1.0 | | | | |
| 17.5 | 80 | 80 | 6130 | 2.4 | | | | |
| 14 | 100 | 94 | 6603 | 1.9 | | | | |
| 11.3 | 80 | 117 | 7103 | 1.7 | | | | |
| 9 | 100 | 133 | 7380 | 1.4 | NMRV075 | 71B5 | 7114 | |
| 11.3 | 80 | 117 | 7103 | 1.7 | | | | |
| 9 | 100 | 133 | 7380 | 1.4 | NMRV075 | 71B5 | 7126 | |
| 11.3 | 80 | 117 | 7103 | 1.7 | | | | |
| 0.37 | 373.3 | 7.5 | 8.3 | 1044 | 3.4 | NMRV040 | 71B5/B14 | 7112 |
| | 280 | 10 | 11 | 1149 | 2.6 | | | |
| | 186.7 | 15 | 16 | 1315 | 1.9 | | | |
| | 140 | 20 | 20 | 1447 | 1.4 | | | |
| | 112 | 25 | 25 | 1559 | 1.1 | | | |
| | 186.7 | 7.5 | 16 | 1315 | 2.5 | | | |
| | 140 | 10 | 21 | 1447 | 1.9 | | | |
| | 93.3 | 15 | 30 | 1657 | 1.3 | | | |
| | 70 | 20 | 39 | 1824 | 1.0 | | | |
| | 56 | 25 | 47 | 1964 | 0.8 | | | |
| | 46.7 | 30 | 52 | 2087 | 0.9 | | | |
| | 112 | 25 | 25 | 2140 | 2.0 | NMRV050 | 71B5/B14 | 7112 |
| | 93.3 | 30 | 29 | 2274 | 2.2 | | | |
| | 70 | 40 | 37 | 2503 | 1.6 | | | |
| | 56 | 50 | 44 | 2696 | 1.2 | | | |
| | 46.7 | 60 | 50 | 2865 | 1.0 | | | |
| | 35 | 80 | 62 | 3153 | 0.7 | | | |
| | 140 | 10 | 21 | 1987 | 3.4 | NMRV050 | 71B5/B14 | 7124 |
| | 93.3 | 15 | 31 | 2274 | 2.4 | | | |
| | 70 | 20 | 39 | 2503 | 1.9 | | | |
| 70 | 20 | 39 | 2503 | 1.9 | | | | |



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| P_{in} (kw) | n_2 (r/min) | i | M_{2n} (Nm) | F_{r2} (N) | f_s |  |  |
|------------------|------------------|-----|------------------|-----------------|------------------|---|---|
| 0.37 | 56 | 25 | 47 | 2696 | 1.5 | NMRV050 71B5/B14 | 7124 |
| | 46.7 | 30 | 54 | 2865 | 1.6 | | |
| | 35 | 40 | 68 | 3153 | 1.1 | | |
| | 28 | 50 | 80 | 3397 | 0.9 | | |
| | 23.3 | 60 | 89 | 3610 | 0.8 | | |
| | 120 | 7.5 | 25 | 2091 | 3.4 | NMRV050 80B5/B14 | 8016 |
| | 90 | 10 | 33 | 2302 | 2.6 | | |
| | 60 | 15 | 47 | 2635 | 1.8 | | |
| | 45 | 20 | 59 | 2900 | 1.3 | | |
| | 36 | 25 | 72 | 3124 | 1.0 | | |
| | 30 | 30 | 80 | 3320 | 1.1 | NMRV063 71B5/B14 | 7124 |
| | 35 | 40 | 70 | 4122 | 2.1 | | |
| | 28 | 50 | 82 | 4440 | 1.6 | | |
| | 23.3 | 60 | 94 | 4719 | 1.4 | | |
| | 17.5 | 80 | 113 | 5193 | 1.1 | | |
| | 14 | 100 | 129 | 5595 | 0.9 | NMRV063 80B5/B14 | 8016 |
| | 45 | 20 | 60 | 3791 | 2.4 | | |
| | 36 | 25 | 73 | 4084 | 1.9 | | |
| | 30 | 30 | 82 | 4339 | 2.1 | | |
| | 22.5 | 40 | 102 | 4776 | 1.6 | | |
| 18 | 50 | 120 | 5145 | 1.2 | NMRV075 71B5 | 7124 | |
| 15 | 60 | 137 | 5467 | 1.0 | | | |
| 23.3 | 60 | 97 | 5569 | 2.1 | | | |
| 17.5 | 80 | 119 | 6130 | 1.6 | | | |
| 14 | 100 | 139 | 6603 | 1.3 | | | |
| 18 | 50 | 124 | 6073 | 1.8 | NMRV075 80B5/B14 | 8016 | |
| 15 | 60 | 141 | 6453 | 1.5 | | | |
| 11.3 | 80 | 173 | 7103 | 1.2 | | | |
| 9 | 100 | 196 | 7380 | 1.0 | | | |
| 11.3 | 80 | 185 | 7859 | 1.7 | | | |
| 9 | 100 | 212 | 8180 | 1.3 | NMRV090 80B5/B14 | 8016 | |
| 0.55 | 373.3 | 7.5 | 12 | 1044 | 2.3 | NMRV040 71B5/B14 | 7122 |
| | 280 | 10 | 16 | 1149 | 1.8 | | |
| | 186.7 | 15 | 24 | 1315 | 1.3 | | |
| | 140 | 20 | 30 | 1447 | 1.0 | | |
| | 112 | 25 | 37 | 1559 | 0.8 | | |
| | 140 | 20 | 31 | 1987 | 1.7 | NMRV050 71B5/B14 | 7122 |
| | 112 | 25 | 38 | 2140 | 1.4 | | |
| | 93.3 | 30 | 43 | 2274 | 1.5 | | |
| | 70 | 40 | 55 | 2503 | 1.1 | | |
| | 56 | 50 | 65 | 2696 | 0.8 | | |
| | 46.7 | 60 | 74 | 2865 | 0.7 | NMRV050 80B5/B14 | 8014 |
| | 186.7 | 7.5 | 24 | 1805 | 2.9 | | |
| | 140 | 10 | 32 | 1987 | 2.3 | | |
| | 93.3 | 15 | 46 | 2274 | 1.6 | | |
| | 70 | 20 | 59 | 2503 | 1.2 | | |
| | 56 | 25 | 70 | 2696 | 1.0 | | |
| 46.7 | 30 | 80 | 2865 | 1.1 | | | |

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| P_{in} (kw) | n_2 (r/min) | i | M_{2in} (Nm) | F_{2in} (N) | f_s |  |  | |
|------------------|------------------|-----|-------------------|------------------|---------|---|---|------|
| 0.55 | 120 | 7.5 | 37 | 2091 | 2.3 | NMRV050 | 80B5/B14 | 8026 |
| | 90 | 10 | 48 | 2302 | 1.7 | | | |
| | 60 | 15 | 69 | 2635 | 1.2 | | | |
| | 45 | 20 | 88 | 2900 | 0.9 | | | |
| | 70 | 40 | 56 | 3272 | 1.9 | NMRV063 | 71B5/B14 | 7122 |
| | 56 | 50 | 68 | 3524 | 1.5 | | | |
| | 46.7 | 60 | 78 | 3745 | 1.2 | | | |
| | 35 | 80 | 96 | 4122 | 0.9 | | | |
| | 28 | 100 | 111 | 4440 | 0.7 | NMRV063 | 80B5/B14 | 8014 |
| | 70 | 20 | 60 | 3272 | 2.2 | | | |
| | 56 | 25 | 72 | 3524 | 1.8 | | | |
| | 46.7 | 30 | 82 | 3745 | 1.9 | | | |
| | 35 | 40 | 104 | 4122 | 1.4 | NMRV063 | 80B5/B14 | 8026 |
| | 28 | 50 | 122 | 4440 | 1.1 | | | |
| | 23.3 | 60 | 140 | 4719 | 0.9 | | | |
| | 60 | 15 | 70 | 3444 | 2.2 | | | |
| | 45 | 20 | 90 | 3791 | 1.6 | NMRV075 | 71B5 | 7122 |
| | 36 | 25 | 108 | 4084 | 1.3 | | | |
| | 30 | 30 | 123 | 4339 | 1.4 | | | |
| | 22.5 | 40 | 152 | 4776 | 1.1 | | | |
| | 35 | 80 | 99 | 4865 | 1.3 | NMRV075 | 80B5/B14 | 8014 |
| | 28 | 100 | 116 | 5241 | 1.0 | | | |
| | 35 | 40 | 108 | 4865 | 2.0 | | | |
| | 28 | 50 | 128 | 5241 | 1.6 | | | |
| | 23.3 | 60 | 144 | 5569 | 1.4 | NMRV075 | 80B5/B14 | 8026 |
| | 17.5 | 80 | 177 | 6130 | 1.1 | | | |
| | 14 | 100 | 206 | 6603 | 0.9 | | | |
| | 30 | 30 | 124 | 5122 | 2.1 | | | |
| | 22.5 | 40 | 156 | 5637 | 1.5 | NMRV090 | 80B5/B14 | 8014 |
| | 18 | 50 | 184 | 6073 | 1.2 | | | |
| | 15 | 60 | 210 | 6453 | 1.0 | | | |
| | 17.5 | 80 | 189 | 6783 | 1.5 | | | |
| 14 | 100 | 221 | 7306 | 1.2 | NMRV110 | 80B5 | 8026 | |
| 18 | 50 | 196 | 6719 | 2.0 | | | | |
| 15 | 60 | 224 | 7140 | 1.6 | | | | |
| 11.3 | 80 | 275 | 7859 | 1.1 | | | | |
| 9 | 100 | 315 | 8180 | 0.9 | NMRV110 | 80B5 | 8014 | |
| 17.5 | 80 | 201 | 8571 | 2.6 | | | | |
| 14 | 100 | 236 | 9232 | 2.0 | | | | |
| 11.3 | 80 | 294 | 9931 | 1.9 | | | | |
| 9 | 100 | 344 | 10320 | 1.5 | NMRV110 | 80B5 | 8026 | |



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| P_{Tn} (kw) | n_2 (r/min) | i | M_{2n} (Nm) | F_{T2} (N) | f_s |  |  | |
|------------------|------------------|-----|------------------|-----------------|---------|---|---|------|
| 0.75 | 373.3 | 7.5 | 17 | 1433 | 3.0 | NMRV050 | 80B5/B14 | 8012 |
| | 280 | 10 | 22 | 1577 | 2.4 | | | |
| | 186.7 | 15 | 31 | 1805 | 1.7 | | | |
| | 140 | 20 | 41 | 1987 | 1.3 | | | |
| | 112 | 25 | 49 | 2140 | 1.0 | | | |
| | 93.3 | 30 | 56 | 2274 | 1.1 | | | |
| | 280 | 5 | 23 | 1577 | 2.7 | NMRV050 | 80B5/B14 | 8024 |
| | 186.7 | 7.5 | 33 | 1805 | 2.1 | | | |
| | 140 | 10 | 43 | 1987 | 1.7 | | | |
| | 93.3 | 15 | 62 | 2274 | 1.2 | | | |
| | 70 | 20 | 80 | 2503 | 0.9 | NMRV063 | 80B5/B14 | 8012 |
| | 140 | 20 | 43 | 2597 | 2.3 | | | |
| | 112 | 25 | 52 | 2797 | 1.8 | | | |
| | 93.3 | 30 | 60 | 2973 | 2.0 | | | |
| | 70 | 40 | 77 | 3272 | 1.4 | | | |
| | 56 | 50 | 92 | 3524 | 1.1 | | | |
| | 46.7 | 60 | 106 | 3745 | 0.9 | NMRV063 | 80B5/B14 | 8024 |
| | 93.3 | 15 | 63 | 2973 | 2.2 | | | |
| | 70 | 20 | 82 | 3272 | 1.6 | | | |
| | 56 | 25 | 98 | 3524 | 1.3 | | | |
| | 46.7 | 30 | 112 | 3745 | 1.4 | | | |
| | 35 | 40 | 141 | 4122 | 1.0 | | | |
| | 120 | 7.5 | 51 | 2734 | 2.9 | NMRV063 | 90B5/B14 | 90S6 |
| | 90 | 10 | 67 | 3009 | 2.3 | | | |
| | 60 | 15 | 96 | 3444 | 1.6 | | | |
| | 45 | 20 | 123 | 3791 | 1.2 | | | |
| | 36 | 25 | 147 | 4084 | 0.9 | | | |
| | 30 | 30 | 167 | 4339 | 1.0 | | | |
| | 46.7 | 60 | 107 | 4421 | 1.3 | NMRV075 | 80B5/B14 | 8012 |
| | 35 | 80 | 135 | 4865 | 1.0 | | | |
| | 28 | 100 | 159 | 5241 | 0.8 | | | |
| | 56 | 25 | 101 | 4160 | 2.0 | | | |
| | 46.7 | 30 | 117 | 4421 | 2.0 | NMRV075 | 80B5/B14 | 8024 |
| | 35 | 40 | 147 | 4865 | 1.5 | | | |
| | 28 | 50 | 174 | 5241 | 1.2 | | | |
| | 23.3 | 60 | 196 | 5569 | 1.0 | | | |
| | 60 | 15 | 97 | 4065 | 2.4 | | | |
| | 45 | 20 | 124 | 4474 | 1.9 | | | |
| | 36 | 25 | 149 | 4820 | 1.4 | NMRV075 | 90B5/B14 | 90S6 |
| | 30 | 30 | 170 | 5122 | 1.5 | | | |
| 22.5 | 40 | 213 | 5637 | 1.1 | | | | |
| 35 | 80 | 143 | 5383 | 1.6 | | | | |
| 28 | 100 | 169 | 5799 | 1.2 | NMRV090 | 80B5/B14 | 8012 | |
| 28 | 50 | 182 | 5799 | 1.9 | | | | |
| 23.3 | 60 | 209 | 6163 | 1.5 | NMRV090 | 80B5/B14 | 8024 | |
| 17.5 | 80 | 258 | 6783 | 1.1 | | | | |
| 14 | 100 | 302 | 7306 | 0.9 | | | | |

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
| P_{in} (kw) | n_2 (r/min) | i | M_{2T} (Nm) | F_{t2} (N) | f_s |  |  | |
|------------------|------------------|-----|------------------|-----------------|-------|---|---|------|
| 0.75 | 30 | 30 | 179 | 5667 | 2.6 | NMRV090 | 90B5/B14 | 90S6 |
| | 22.5 | 40 | 226 | 6238 | 1.8 | | | |
| | 18 | 50 | 267 | 6719 | 1.5 | | | |
| | 15 | 60 | 306 | 7140 | 1.1 | | | |
| | 17.5 | 80 | 274 | 8571 | 1.9 | NMRV110 | 80B5 | 8024 |
| | 14 | 100 | 322 | 9232 | 1.5 | | | |
| | 15 | 60 | 325 | 9023 | 2.1 | NMRV110 | 90B5 | 90S6 |
| | 11.3 | 80 | 401 | 9931 | 1.4 | | | |
| | 9 | 100 | 470 | 10320 | 1.1 | | | |
| | 11.3 | 80 | 401 | 12989 | 2.1 | NMRV130 | 90B5 | 90S6 |
| 9 | 100 | 470 | 13500 | 1.7 | | | | |
| 1.1 | 373.3 | 7.5 | 25 | 1433 | 2.1 | NMRV050 | 80B5/B14 | 8022 |
| | 280 | 10 | 33 | 1577 | 1.7 | | | |
| | 186.7 | 15 | 48 | 1805 | 1.2 | | | |
| | 140 | 20 | 62 | 1987 | 0.9 | | | |
| | 186.7 | 15 | 46 | 2359 | 2.1 | | | |
| | 140 | 20 | 60 | 2597 | 1.6 | NMRV063 | 80B5/B14 | 8022 |
| | 112 | 25 | 72 | 2797 | 1.2 | | | |
| | 93.3 | 30 | 82 | 2973 | 1.4 | | | |
| | 70 | 40 | 104 | 3272 | 1.0 | | | |
| | 120 | 7.5 | 75 | 2734 | 2.0 | | | |
| | 90 | 10 | 98 | 3009 | 1.6 | NMRV063 | 90B5/B14 | 90L6 |
| | 60 | 15 | 140 | 3444 | 1.1 | | | |
| | 45 | 20 | 180 | 3791 | 0.8 | | | |
| | 186.7 | 7.5 | 50 | 2359 | 2.6 | | | |
| | 140 | 10 | 65 | 2597 | 2.0 | NMRV063 | 90B5/B14 | 90S4 |
| | 93.3 | 15 | 92 | 2973 | 1.5 | | | |
| | 70 | 20 | 120 | 3272 | 1.1 | | | |
| | 56 | 25 | 144 | 3524 | 0.9 | | | |
| | 46.7 | 30 | 164 | 3745 | 1.0 | | | |
| | 112 | 25 | 77 | 3302 | 2.0 | NMRV075 | 80B5/B14 | 8022 |
| | 93.3 | 30 | 89 | 3509 | 1.9 | | | |
| | 70 | 40 | 114 | 3862 | 1.4 | | | |
| | 56 | 50 | 137 | 4160 | 1.1 | | | |
| | 46.7 | 60 | 158 | 4421 | 0.9 | | | |
| | 90 | 10 | 98 | 3551 | 2.3 | NMRV075 | 90B5/B14 | 90L6 |
| | 60 | 15 | 142 | 4065 | 1.7 | | | |
| | 45 | 20 | 182 | 4474 | 1.3 | | | |
| | 36 | 25 | 219 | 4820 | 1.0 | | | |
| 30 | 30 | 249 | 5122 | 1.0 | | | | |





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| P_{in} (kw) | n_2 (r/min) | i | M_{2n} (Nm) | F_{i2} (N) | f_s |  |  | |
|------------------|------------------|-----|------------------|-----------------|---------|---|---|-------|
| 1.1 | 93.3 | 15 | 95 | 3509 | 2.1 | NMRV075 | 90B5/B14 | 90S4 |
| | 70 | 20 | 122 | 3862 | 1.7 | | | |
| | 56 | 25 | 148 | 4160 | 1.3 | | | |
| | 46.7 | 30 | 171 | 4421 | 1.3 | | | |
| | 35 | 40 | 216 | 4865 | 1.0 | | | |
| | 35 | 80 | 210 | 5383 | 1.1 | NMRV090 | 80B5/B14 | 8022 |
| | 28 | 100 | 248 | 5799 | 0.8 | | | |
| | 36 | 25 | 228 | 5333 | 1.6 | | | |
| | 30 | 30 | 263 | 5667 | 1.8 | NMRV090 | 90B5/B14 | 90L6 |
| | 22.5 | 40 | 331 | 6238 | 1.2 | | | |
| | 18 | 50 | 391 | 6719 | 1.0 | | | |
| | 15 | 60 | 448 | 7140 | 0.8 | | | |
| | 35 | 40 | 222 | 5383 | 1.6 | | | |
| | 28 | 50 | 266 | 5799 | 1.3 | NMRV090 | 90B5/B14 | 90S4 |
| | 23.3 | 60 | 306 | 6163 | 1.0 | | | |
| | 22.5 | 40 | 345 | 7882 | 2.3 | | | |
| | 18 | 50 | 414 | 8491 | 1.8 | NMRV110 | 90B5 | 90L6 |
| | 15 | 60 | 476 | 9023 | 1.4 | | | |
| | 11.3 | 80 | 588 | 9931 | 1.0 | | | |
| | 28 | 50 | 278 | 7328 | 2.4 | | | |
| 23.3 | 60 | 324 | 7787 | 1.9 | | | | |
| 17.5 | 80 | 402 | 8571 | 1.3 | NMRV110 | 90B5 | 90S4 | |
| 14 | 100 | 473 | 9232 | 1.0 | | | | |
| 11.3 | 80 | 588 | 12989 | 1.5 | | | | |
| 9 | 100 | 689 | 13500 | 1.1 | NMRV130 | 90B5 | 90L6 | |
| 17.5 | 80 | 408 | 11210 | 2.1 | | | | |
| 14 | 100 | 480 | 12076 | 1.5 | | | | |
| 1.5 | 373.3 | 7.5 | 34 | 1433 | 1.5 | NMRV050 | 80B5/B14 | 8032 |
| | 280 | 10 | 45 | 1577 | 1.2 | | | |
| | 186.7 | 15 | 65 | 1805 | 0.9 | | | |
| | 186.7 | 7.5 | 68 | 2359 | 1.9 | NMRV063 | 90B5/B14 | 90L4 |
| | 140 | 10 | 88 | 2597 | 1.5 | | | |
| | 93.3 | 15 | 126 | 2973 | 1.1 | | | |
| | 70 | 20 | 164 | 3272 | 0.8 | | | |
| | 373.3 | 7.5 | 35 | 1873 | 2.7 | | | |
| | 280 | 10 | 45 | 2061 | 2.2 | NMRV063 | 90B5/B14 | 90S2 |
| | 186.7 | 15 | 66 | 2359 | 1.6 | | | |
| | 140 | 20 | 86 | 2597 | 1.2 | | | |
| | 112 | 25 | 105 | 2797 | 0.9 | NMRV063 | 90B5/B14 | 90S2 |
| | 93.3 | 30 | 120 | 2973 | 1.0 | | | |
| | 120 | 7.5 | 103 | 3227 | 2.1 | | | |
| | 90 | 10 | 134 | 3551 | 1.7 | | | |
| | 60 | 15 | 193 | 4065 | 1.2 | | | |
| | 56 | 50 | 187 | 4160 | 1.3 | NMRV075 | 100B5/B14 | 100L6 |
| | 46.7 | 60 | 215 | 4421 | 1.1 | | | |
| | 140 | 10 | 89 | 3065 | 2.2 | | | |
| | 93.3 | 15 | 129 | 3509 | 1.6 | NMRV075 | 90B5/B14 | 90S2 |
| 70 | 20 | 166 | 3862 | 1.3 | | | | |
| 56 | 25 | 202 | 4160 | 1.0 | | | | |
| 93.3 | 15 | 129 | 3509 | 1.6 | | | | |
| 70 | 20 | 166 | 3862 | 1.3 | NMRV075 | 90B5/B14 | 90L4 | |
| 56 | 25 | 202 | 4160 | 1.0 | | | | |

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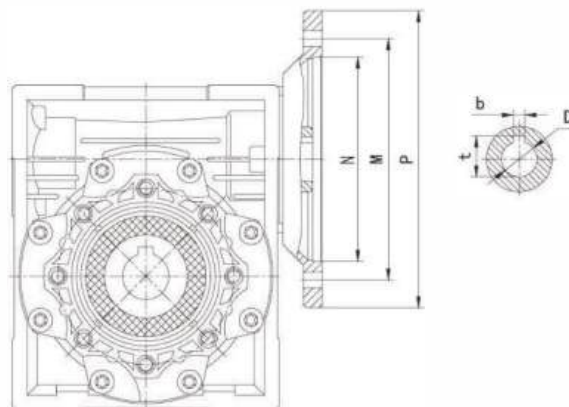
| P_{in} (kw) | n_2 (r/min) | i | M_{21} (Nm) | F_{12} (N) | f_s |  |  |  |  | | |
|------------------|------------------|-----|------------------|-----------------|---------|---|---|---|---|------|--|
| 1.5 | 46.7 | 30 | 233 | 4421 | 1.0 | NMRV075 | 90B5/B14 | 90L4 | | | |
| | 280 | 10 | 45 | 2433 | 3.2 | NMRV075 | 90B5/B14 | 90S2 | | | |
| | 186.7 | 15 | 66 | 2785 | 2.3 | | | | | | |
| | 140 | 20 | 86 | 3065 | 1.9 | | | | | | |
| | 112 | 25 | 105 | 3302 | 1.4 | | | | | | |
| | 93.3 | 30 | 121 | 3509 | 1.4 | | | | | | |
| | 70 | 40 | 156 | 3862 | 1.1 | | | | | | |
| | 90 | 10 | 137 | 3929 | 2.7 | NMRV090 | 100B5/B14 | 100L6 | | | |
| | 60 | 15 | 198 | 4498 | 2.1 | | | | | | |
| | 45 | 20 | 258 | 4951 | 1.5 | | | | | | |
| | 36 | 25 | 310 | 5333 | 1.2 | | | | | | |
| | 30 | 30 | 358 | 5667 | 1.3 | | | | | | |
| | 70 | 20 | 170 | 4273 | 2.1 | | | | | | |
| | 56 | 25 | 207 | 4603 | 1.6 | NMRV090 | 90B5/B14 | 90L4 | | | |
| | 46.7 | 30 | 239 | 4891 | 1.7 | | | | | | |
| | 35 | 40 | 303 | 5383 | 1.2 | | | | | | |
| | 28 | 50 | 363 | 5799 | 0.9 | | | | | | |
| | 23.3 | 60 | 417 | 6163 | 0.8 | | | | | | |
| | 56 | 50 | 197 | 4603 | 1.3 | | | | | | |
| | 46.7 | 60 | 227 | 4891 | 1.1 | NMRV090 | 90B5/B14 | 90S2 | | | |
| | 45 | 20 | 264 | 6256 | 2.7 | | | | | | |
| | 36 | 25 | 322 | 6739 | 2.4 | | | | | | |
| | 30 | 30 | 363 | 7161 | 2.3 | | | | | | |
| | 22.5 | 40 | 471 | 7882 | 1.7 | | | | | | |
| | 18 | 50 | 565 | 8491 | 1.3 | | | | | | |
| | 15 | 60 | 649 | 9023 | 1.1 | NMRV110 | 100B5 | 100L6 | | | |
| | 35 | 40 | 315 | 6803 | 2.2 | | | | | | |
| | 28 | 50 | 379 | 7328 | 1.7 | | | | | | |
| | 23.3 | 60 | 442 | 7787 | 1.4 | | | | | | |
| | 17.5 | 80 | 548 | 8571 | 0.9 | | | | | | |
| 46.7 | 60 | 236 | 6181 | 2.0 | | | | | | | |
| 35 | 80 | 299 | 6803 | 1.3 | NMRV110 | 90B5 | 90S2 | | | | |
| 28 | 100 | 358 | 7328 | 1.0 | | | | | | | |
| 22.5 | 40 | 471 | 10309 | 2.3 | | | | | | | |
| 18 | 50 | 565 | 11105 | 1.9 | | | | | | | |
| 15 | 60 | 659 | 11801 | 1.4 | | | | | | | |
| 11.3 | 80 | 802 | 12989 | 1.1 | | | | | | | |
| 17.5 | 80 | 557 | 11210 | 1.5 | NMRV130 | 100B5 | 100L6 | | | | |
| 14 | 100 | 655 | 12076 | 1.1 | | | | | | | |
| 373.3 | 7.5 | 51 | 1873 | 1.8 | | | | | | | |
| 280 | 10 | 66 | 2061 | 1.5 | | | | NMRV063 | 90B5/B14 | 90L2 | |
| 186.7 | 15 | 97 | 2359 | 1.1 | | | | | | | |
| 186.7 | 7.5 | 99 | 2785 | 1.9 | | | | | | | |
| 140 | 10 | 131 | 3065 | 1.5 | NMRV075 | 100B5/B14 | 100L1-4 | | | | |
| 93.3 | 15 | 189 | 3509 | 1.1 | | | | | | | |
| 373.3 | 7.5 | 50 | 2210 | 2.6 | | | | | | | |
| 280 | 10 | 66 | 2433 | 2.2 | NMRV075 | 90B5/B14 | 90L2 | | | | |
| 186.7 | 15 | 97 | 2785 | 1.5 | | | | | | | |
| 140 | 20 | 126 | 3065 | 1.3 | | | | | | | |

GEAR UNIT SELECTION TABLES

| P_{in} (kw) | n_1 (r/min) | i | M_{21} (Nm) | F_{r2} (Nm) | t_s |  |  |
|------------------|------------------|------|------------------|------------------|-------------------|---|---|
| 3.0 | 373.3 | 7.5 | 68 | 2210 | 1.9 | NMRV075 100B5/B14 | 100L2 |
| | 280 | 10 | 90 | 2433 | 1.6 | | |
| | 186.7 | 7.5 | 135 | 2785 | 1.4 | | |
| | 140 | 10 | 178 | 3065 | 1.1 | NMRV075 100B5/B14 | 100L2-4 |
| | 93.3 | 15 | 258 | 3509 | 0.8 | | |
| | 373.3 | 7.5 | 70 | 2446 | 3.0 | | |
| | 280 | 10 | 92 | 2692 | 2.6 | NMRV090 100B5/B14 | 100L2 |
| | 186.7 | 7.5 | 137 | 3081 | 2.1 | | |
| | 140 | 10 | 180 | 3391 | 1.7 | | |
| | 93.3 | 15 | 261 | 3882 | 1.4 | NMRV090 100B5/B14 | 100L2-4 |
| | 70 | 20 | 340 | 4273 | 1.0 | | |
| | 56 | 25 | 414 | 4603 | 0.8 | | |
| | 46.7 | 30 | 479 | 4891 | 0.9 | | |
| | 93.3 | 15 | 264 | 4905 | 2.5 | | |
| | 70 | 20 | 348 | 5399 | 1.9 | | |
| | 56 | 25 | 425 | 5816 | 1.6 | NMRV110 100B5 | 100L2-4 |
| | 46.7 | 30 | 485 | 6181 | 1.5 | | |
| | 35 | 40 | 630 | 6803 | 1.1 | | |
| | 28 | 50 | 757 | 7328 | 0.9 | | |
| | 120 | 7.5 | 210 | 4511 | 3.1 | | |
| | 90 | 10 | 277 | 4965 | 2.6 | | |
| | 60 | 15 | 401 | 5684 | 1.9 | NMRV110 132B5 | 132S6 |
| | 45 | 20 | 528 | 6256 | 1.4 | | |
| | 56 | 25 | 430 | 7607 | 2.2 | | |
| | 46.7 | 30 | 491 | 8084 | 2.1 | NMRV130 100B5 | 100L2-4 |
| | 35 | 40 | 638 | 8897 | 1.6 | | |
| | 28 | 50 | 767 | 9584 | 1.3 | | |
| | 23.3 | 60 | 896 | 10185 | 1.0 | | |
| | 17.5 | 80 | 1113 | 11210 | 0.8 | | |
| | 90 | 10 | 277 | 6494 | 3.5 | | |
| 60 | 15 | 406 | 7434 | 2.6 | NMRV130 132B5 | 132S6 | |
| 45 | 20 | 528 | 8182 | 2.0 | | | |
| 36 | 25 | 645 | 8814 | 1.6 | | | |
| 30 | 30 | 735 | 9366 | 1.6 | | | |
| 22.5 | 40 | 942 | 10309 | 1.2 | | | |
| 28 | 50 | 778 | 13103 | 1.8 | | | |
| 23.3 | 60 | 896 | 13924 | 1.4 | NMRV150 100B5 | 100L2-4 | |
| 17.5 | 80 | 1113 | 15325 | 1.0 | | | |
| 14.0 | 100 | 1310 | 16508 | 0.8 | | | |
| 373.3 | 7.5 | 91 | 2210 | 1.4 | | | NMRV075 112B5/B14 |
| 280 | 10 | 120 | 2433 | 1.2 | | | |
| 186.7 | 7.5 | 180 | 2785 | 1.0 | | | |
| 140 | 10 | 237 | 3065 | 0.8 | NMRV075 112B5/B14 | 112M4 | |
| 373.3 | 7.5 | 93 | 2446 | 2.3 | | | |
| 280 | 10 | 123 | 2692 | 1.9 | | | |
| 186.7 | 7.5 | 182 | 3081 | 1.6 | NMRV090 112B5/B14 | 112M2 | |
| 140 | 10 | 240 | 3391 | 1.3 | | | |
| 93.3 | 15 | 348 | 3882 | 1.0 | | | |
| 70 | 20 | 453 | 4273 | 0.8 | NMRV090 112B5 | 112M4 | |
| | | | | | | | |



NMRV REDUCER INPUT SIZE



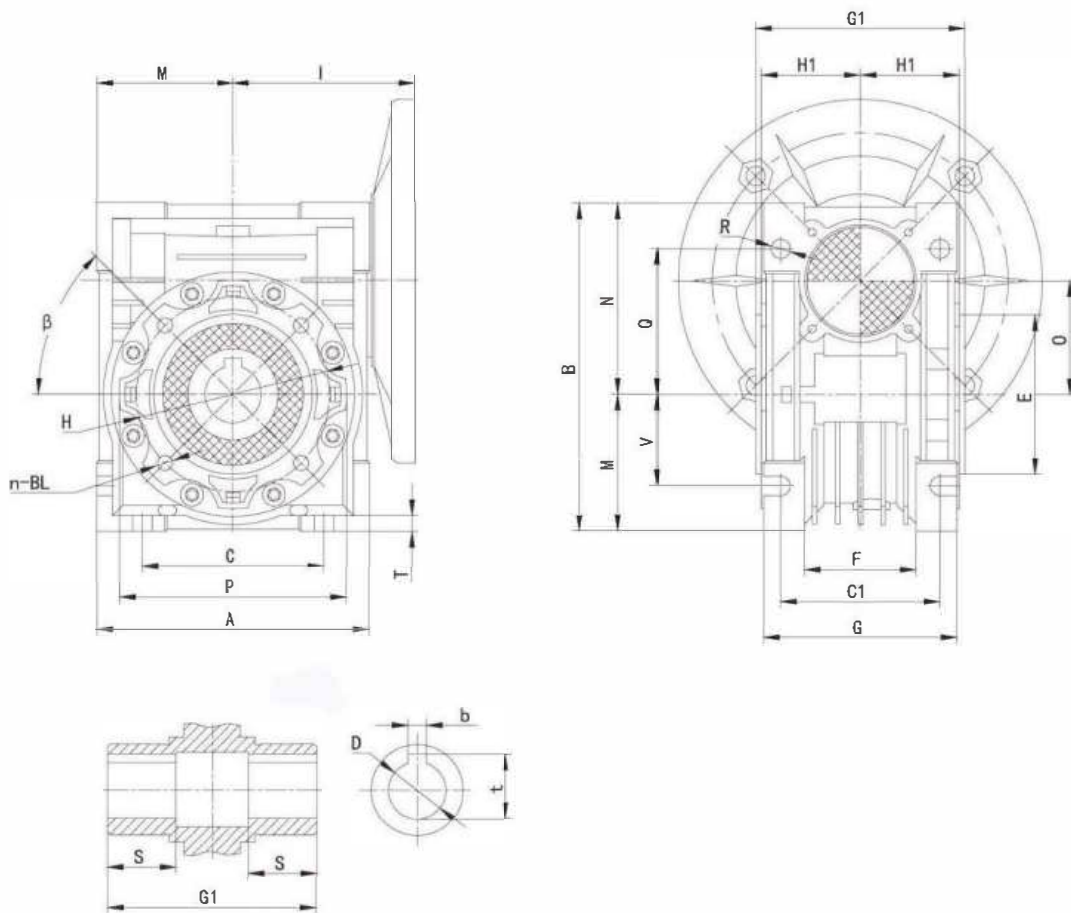
| NMRV | IEC接口 | | | | 键槽 | | 传动比 (i) | | | | | | | | | | | |
|------|------------|-----|-----|-----|----|------|---------|-----|----|----|----|----|----|----|----|----|----|-----|
| | PAM-IEC | N | M | P | b | t | 5 | 7.5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 80 | 100 |
| | | | | | | | 孔径 (D) | | | | | | | | | | | |
| 025 | 56B14 | 50 | 65 | 80 | 3 | 10.4 | 9 | 9 | 9 | 9 | 9 | / | 9 | 9 | 9 | 9 | / | / |
| 030 | 56B14 | 50 | 65 | 80 | 3 | 10.4 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | / |
| | 56B5 | 80 | 100 | 120 | | | | | | | | | | | | | | |
| | 63B14 | 60 | 75 | 90 | 4 | 12.8 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | / | / | / |
| 040 | 63B5 | 95 | 115 | 140 | | | | | | | | | | | | | | |
| | 56B5 | 80 | 100 | 120 | 3 | 10.4 | / | / | / | / | / | / | / | / | 9 | 9 | 9 | 9 |
| | 63B14 | 60 | 75 | 90 | 4 | 12.8 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | 63B5 | 95 | 115 | 140 | | | | | | | | | | | | | | |
| | 71B14 | 70 | 85 | 105 | 5 | 16.3 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | / | / | / | / |
| 050 | 71B5 | 110 | 130 | 160 | | | | | | | | | | | | | | |
| | 63B5 | 95 | 115 | 140 | 4 | 12.8 | / | / | / | / | / | / | / | 11 | 11 | 11 | 11 | 11 |
| | 71B14 | 70 | 85 | 105 | 5 | 16.3 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | / |
| | 71B5 | 110 | 130 | 160 | | | | | | | | | | | | | | |
| | 80B14 | 80 | 100 | 120 | 6 | 21.8 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | / | / | / | / | / |
| 063 | 80B5 | 130 | 165 | 200 | | | | | | | | | | | | | | |
| | 71B14 | 70 | 85 | 105 | 5 | 16.3 | / | / | / | / | / | / | / | 14 | 14 | 14 | 14 | 14 |
| | 71B5 | 110 | 130 | 160 | | | | | | | | | | | | | | |
| | 80B14 | 80 | 100 | 120 | 6 | 21.8 | / | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| | 80B5 | 130 | 165 | 200 | | | | | | | | | | | | | | |
| 075 | 90B14 | 95 | 115 | 140 | 8 | 27.3 | / | 24 | 24 | 24 | 24 | 24 | 24 | / | / | / | / | / |
| | 90B5 | 130 | 165 | 200 | | | | | | | | | | | | | | |
| | 71B5 | 110 | 130 | 160 | 5 | 16.3 | / | / | / | / | / | / | / | / | 14 | 14 | 14 | 14 |
| | 80B14 | 80 | 100 | 120 | 6 | 21.8 | / | / | / | / | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| | 80B5 | 130 | 165 | 200 | | | | | | | | | | | | | | |
| | 100/112B14 | 110 | 130 | 160 | 8 | 31.3 | / | 28 | 28 | 28 | / | / | / | / | / | / | / | / |
| 090 | 100/112B5 | 180 | 215 | 250 | | | | | | | | | | | | | | |
| | 80B14 | 80 | 100 | 120 | 6 | 21.8 | / | / | / | / | / | / | 19 | 19 | 19 | 19 | 19 | 19 |
| | 80B5 | 130 | 165 | 200 | | | | | | | | | | | | | | |
| | 90B14 | 95 | 115 | 140 | 8 | 27.3 | / | / | / | / | / | 24 | 24 | 24 | 24 | 24 | / | / |
| | 90B5 | 130 | 165 | 200 | | | | | | | | | | | | | | |
| 110 | 100/112B14 | 110 | 130 | 160 | 8 | 31.3 | / | 28 | 28 | 28 | 28 | 28 | 28 | / | / | / | / | / |
| | 100/112B5 | 180 | 215 | 250 | | | | | | | | | | | | | | |
| | 80B5 | 130 | 165 | 200 | 8 | 21.8 | / | / | / | / | / | / | / | / | / | / | 19 | 19 |
| | 90B5 | 130 | 165 | 200 | 8 | 27.3 | / | / | / | / | / | / | 24 | 24 | 24 | 24 | 24 | 24 |
| 130 | 100/112B5 | 180 | 215 | 250 | 8 | 31.3 | / | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| | 132B5 | 230 | 265 | 300 | 10 | 41.3 | / | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | / | / |
| | 90B5 | 130 | 165 | 200 | 8 | 27.3 | / | / | / | / | / | / | / | / | / | / | / | 24 |
| | 100/112B5 | 180 | 215 | 250 | 8 | 31.3 | / | / | / | / | / | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| 150 | 132B5 | 230 | 265 | 300 | 10 | 41.3 | / | / | / | / | 38 | 38 | 38 | 38 | 38 | 38 | 38 | / |
| | 160B5 | 250 | 300 | 350 | 12 | 45.3 | / | 42 | 42 | 42 | 42 | 42 | 42 | / | / | / | / | / |

RV PRODUCT INTRODUCTION



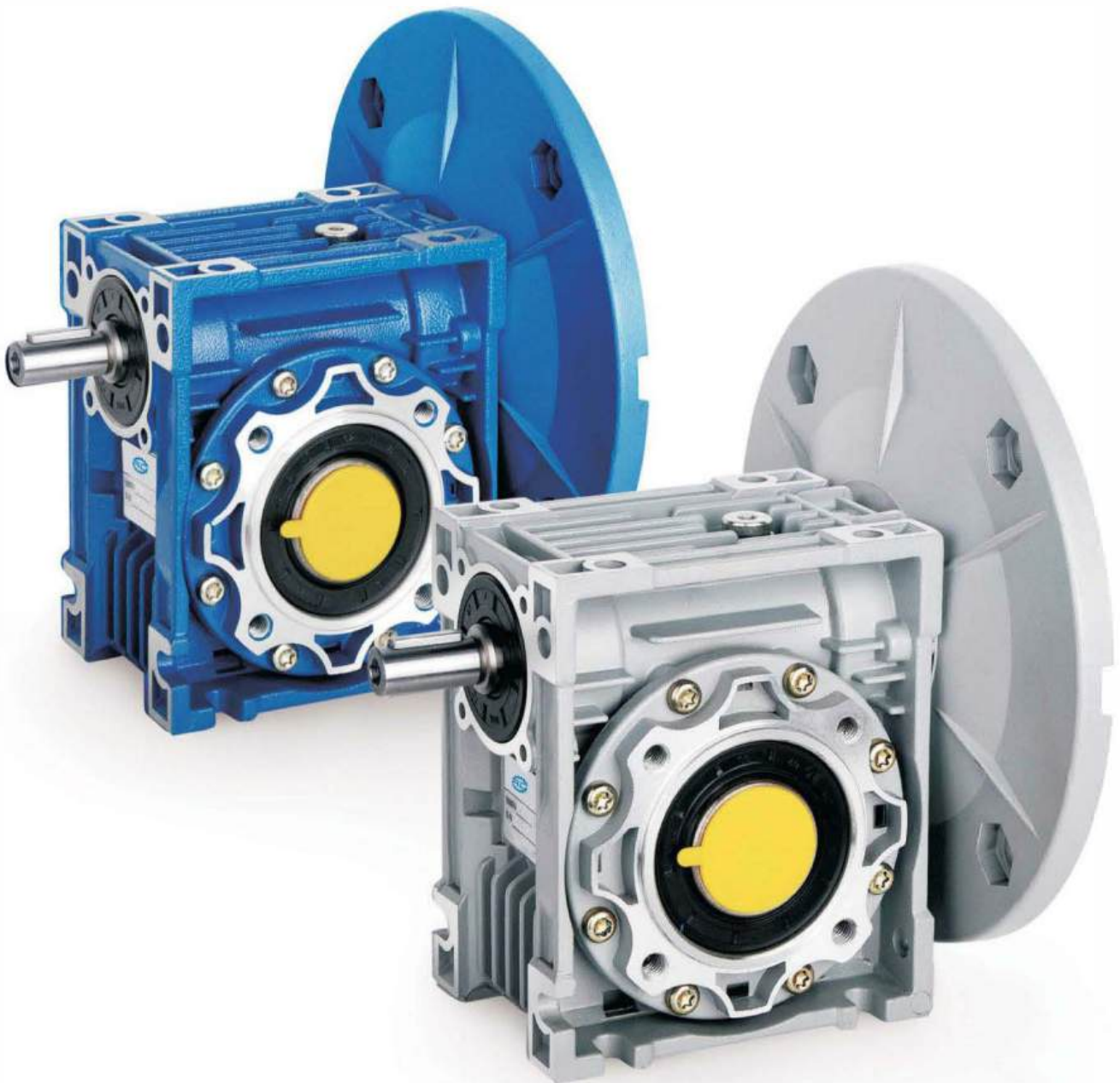


RV SIZE



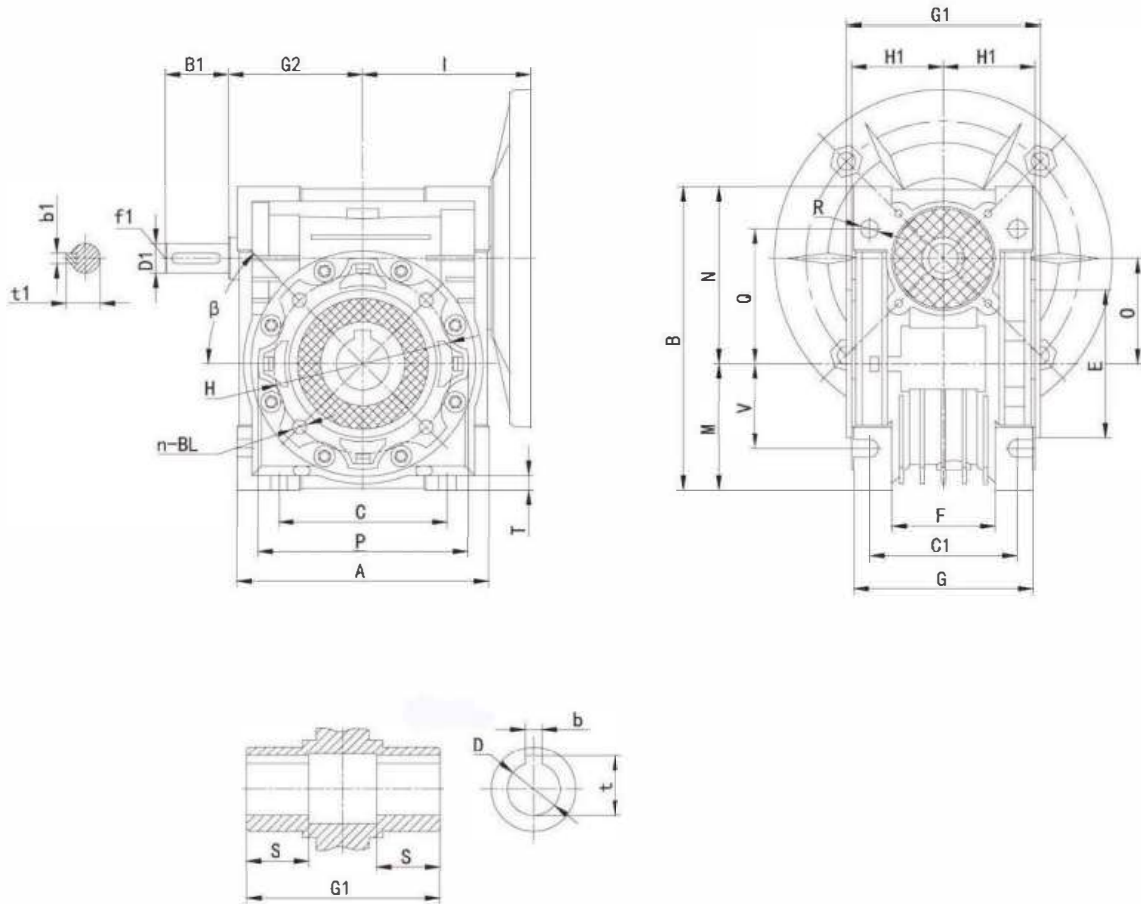
| RV | A | B | C | C1 | D (H8) | E (h8) | F | G | G1 | H | H1 | I | M | N | O | P | Q | R | S | T | BL | β | b | t | V |
|-----|-----|-------|-----|-----|---------|--------|----|-----|-----|-----|------|-------|-------|-------|-----|-----|-----|-----|------|-----|--------------|---------|--------|-------------|-----|
| 030 | 80 | 97 | 54 | 44 | 14 | 55 | 32 | 56 | 63 | 65 | 29 | 55 | 40 | 57 | 30 | 75 | 44 | 6.5 | 21 | 5.5 | M6X10 (n=4) | 0° | 5 | 16.3 | 27 |
| 040 | 100 | 121.5 | 70 | 60 | 18 (19) | 60 | 43 | 71 | 78 | 75 | 36.5 | 70 | 50 | 71.5 | 40 | 87 | 55 | 6.5 | 26 | 6.5 | M6X10 (n=4) | 45° | 6 | 20.8 (21.8) | 35 |
| 050 | 120 | 144 | 80 | 70 | 25 (24) | 70 | 49 | 85 | 92 | 85 | 43.5 | 80 | 60 | 84 | 50 | 100 | 64 | 8.5 | 30 | 7 | M8X12 (n=4) | 45° | 8 | 28.3 (27.3) | 40 |
| 063 | 144 | 174 | 100 | 85 | 25 (28) | 80 | 67 | 103 | 112 | 95 | 53 | 95 | 72 | 102 | 63 | 110 | 80 | 8.5 | 36 | 8 | M8X12 (n=8) | 45° | 8 | 28.3 (31.3) | 50 |
| 075 | 172 | 205 | 120 | 90 | 28 (35) | 95 | 72 | 112 | 120 | 115 | 57 | 112.5 | 86 | 119 | 75 | 140 | 93 | 11 | 40 | 10 | M8X14 (n=8) | 45° | 8 (10) | 31.3 (38.3) | 60 |
| 090 | 206 | 238 | 140 | 100 | 35 (38) | 110 | 74 | 130 | 140 | 130 | 67 | 129.5 | 103 | 135 | 90 | 160 | 102 | 13 | 45 | 11 | M10X16 (n=8) | 45° | 10 | 38.3 (41.3) | 70 |
| 110 | 255 | 295 | 170 | 115 | 42 | 130 | - | 144 | 155 | 165 | 74 | 160 | 127.5 | 167.5 | 110 | 200 | 125 | 14 | 50 | 14 | M10X18 (n=8) | 45° | 12 | 45.3 | 85 |
| 130 | 293 | 335 | 200 | 120 | 45 | 180 | - | 155 | 170 | 215 | 81 | 179 | 146.5 | 187.5 | 130 | 250 | 140 | 16 | 60 | 15 | M12X20 (n=8) | 45° | 14 | 48.8 | 100 |
| 150 | 340 | 400 | 240 | 145 | 50 | 180 | - | 185 | 200 | 215 | 96 | 210 | 170 | 230 | 150 | 250 | 180 | 18 | 72.5 | 18 | M12X22 (n=8) | 45° | 14 | 53.8 | 120 |

RV-E PRODUCT INTRODUCTION





RV-E SIZE



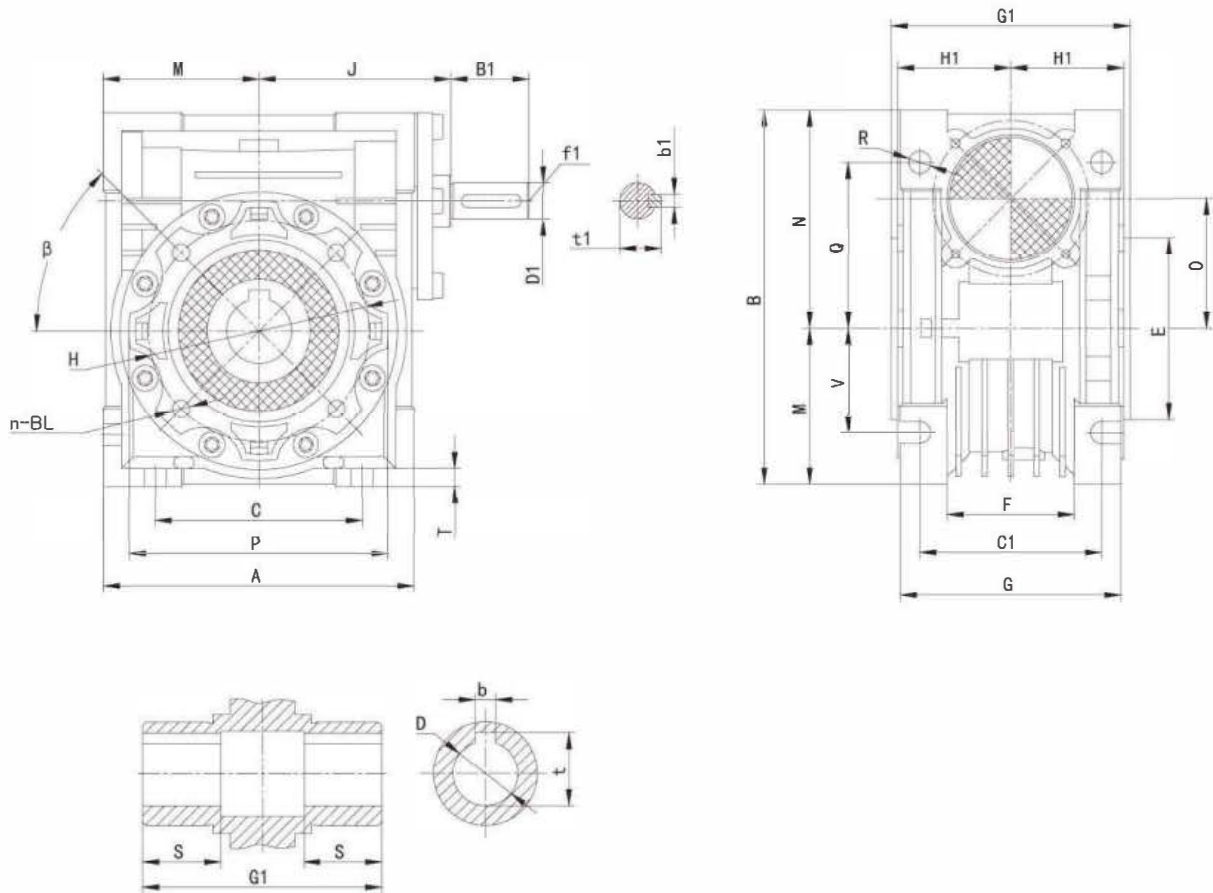
| RV-E | A | B | B1 | C | C1 | D | D1 | E | F | G | G1 | G2 | H | H1 | I | M | N | O | P | Q | R | S | T | BL | β | b | b1 | t | t1 | f1 | V |
|------|-----|-------|----|-----|-----|--------|----|-----|----|-----|-----|-----|-----|------|-------|-------|-------|-----|-----|-----|-----|------|-----|--------------|-----|-------|----|------------|------|-----|-----|
| 030 | 80 | 97 | 20 | 54 | 44 | 14 | 9 | 55 | 32 | 56 | 63 | 45 | 65 | 29 | 55 | 40 | 57 | 30 | 75 | 44 | 6.5 | 21 | 5.5 | M6X10 (n=4) | 0° | 5 | 3 | 16.3 | 10.2 | - | 27 |
| 040 | 100 | 121.5 | 23 | 70 | 60 | 18(19) | 11 | 60 | 43 | 71 | 78 | 53 | 75 | 36.5 | 70 | 50 | 71.5 | 40 | 87 | 55 | 6.5 | 26 | 6.5 | M6X10 (n=4) | 45° | 6 | 4 | 20.8(21.8) | 12.5 | - | 35 |
| 050 | 120 | 144 | 30 | 80 | 70 | 25(24) | 14 | 70 | 49 | 85 | 92 | 64 | 85 | 43.5 | 80 | 60 | 84 | 50 | 100 | 64 | 8.5 | 30 | 7 | MBX12 (n=4) | 45° | 8 | 5 | 28.3(27.3) | 16 | M6 | 40 |
| 063 | 144 | 174 | 40 | 100 | 85 | 25(28) | 19 | 80 | 67 | 103 | 112 | 75 | 95 | 53 | 95 | 72 | 102 | 63 | 110 | 80 | 8.5 | 36 | 8 | MBX12 (n=8) | 45° | 8 | 6 | 28.3(31.3) | 21.5 | M6 | 50 |
| 075 | 172 | 205 | 50 | 120 | 90 | 28(35) | 24 | 95 | 72 | 112 | 120 | 90 | 115 | 57 | 112.5 | 86 | 119 | 75 | 140 | 93 | 11 | 40 | 10 | MBX14 (n=8) | 45° | 8(10) | 8 | 31.3(38.3) | 27 | M8 | 60 |
| 090 | 206 | 238 | 50 | 140 | 100 | 35(38) | 24 | 110 | 74 | 130 | 140 | 108 | 130 | 67 | 129.5 | 103 | 135 | 90 | 160 | 102 | 13 | 45 | 11 | M10X16 (n=8) | 45° | 10 | 8 | 38.3(41.3) | 27 | M8 | 70 |
| 110 | 255 | 295 | 60 | 170 | 115 | 42 | 28 | 130 | - | 144 | 155 | 135 | 165 | 74 | 160 | 127.5 | 167.5 | 110 | 200 | 125 | 14 | 50 | 14 | M10X18 (n=8) | 45° | 12 | 8 | 45.3 | 31 | M10 | 85 |
| 130 | 293 | 335 | 80 | 200 | 120 | 45 | 30 | 180 | - | 155 | 170 | 155 | 215 | 81 | 179 | 146.5 | 187.5 | 130 | 250 | 140 | 16 | 60 | 15 | M12X20 (n=8) | 45° | 14 | 8 | 48.8 | 33 | M10 | 100 |
| 150 | 340 | 400 | 80 | 240 | 145 | 50 | 35 | 180 | - | 185 | 200 | 175 | 215 | 96 | 210 | 170 | 230 | 150 | 250 | 180 | 18 | 72.5 | 18 | M12X22 (n=8) | 45° | 14 | 10 | 53.8 | 38 | M12 | 120 |

NRV PRODUCT INTRODUCTION





NRV SIZE



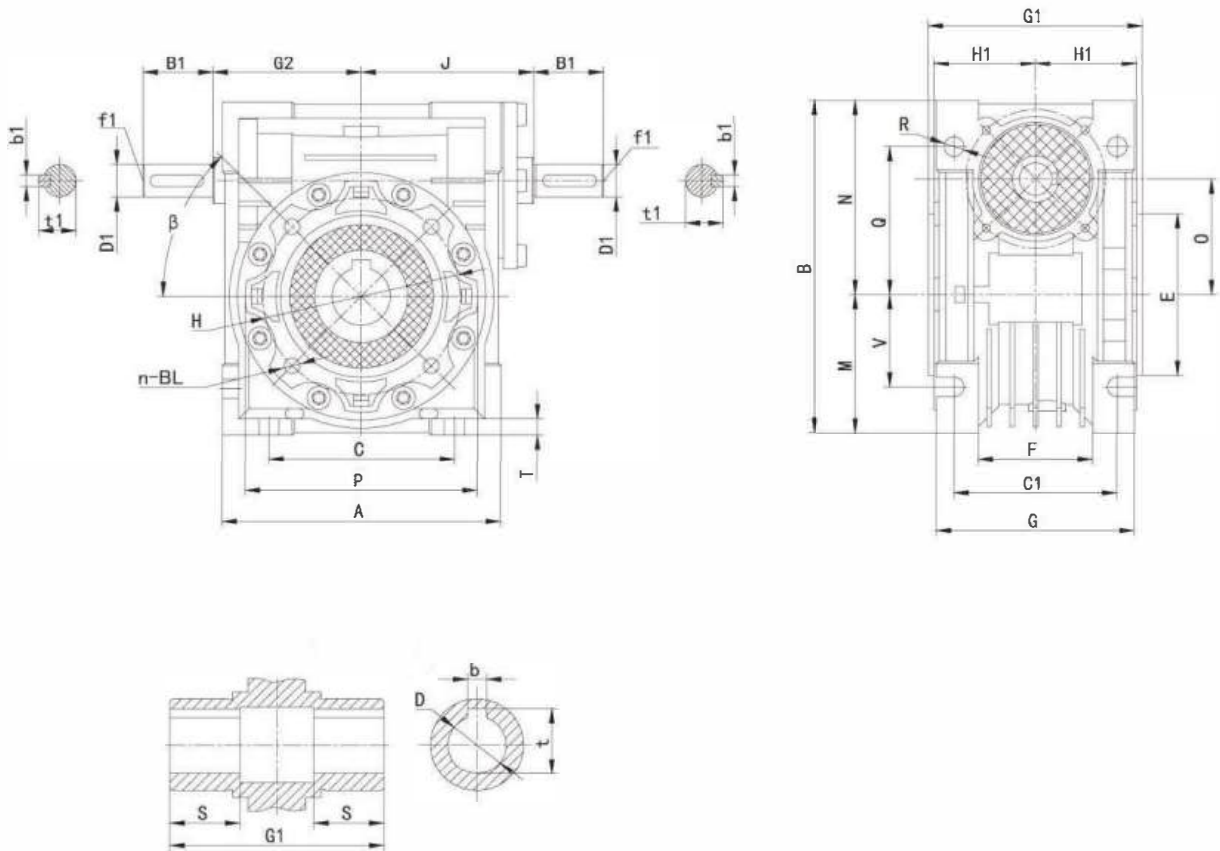
| NRV | A | B | B1 | C | C1 | D (H8) | D1 (H8) | E (h8) | F | G | G1 | H | H1 | J | M | N | O | P | Q | R | S | T | BL | β | b | b1 | t | t1 | f1 | V |
|-----|-----|-------|----|-----|-----|---------|---------|--------|----|-----|-----|-----|------|-----|-------|-------|-----|-----|-----|-----|------|-----|--------------|---------|--------|----|-------------|------|-----|-----|
| 030 | 80 | 97 | 20 | 54 | 44 | 14 | 9 | 55 | 32 | 56 | 63 | 65 | 29 | 51 | 40 | 57 | 30 | 75 | 44 | 6.5 | 21 | 5.5 | M6X10 (n=4) | 0° | 5 | 3 | 16.3 | 10.2 | - | 27 |
| 040 | 100 | 121.5 | 23 | 70 | 60 | 18 (19) | 11 | 60 | 43 | 71 | 78 | 75 | 36.5 | 60 | 50 | 71.5 | 40 | 87 | 55 | 6.5 | 26 | 6.5 | M6X10 (n=4) | 45° | 6 | 4 | 20.8 (21.8) | 12.5 | - | 35 |
| 050 | 120 | 144 | 30 | 80 | 70 | 25 (24) | 14 | 70 | 49 | 85 | 92 | 85 | 43.5 | 74 | 60 | 84 | 50 | 100 | 64 | 8.5 | 30 | 7 | M8X12 (n=4) | 45° | 8 | 5 | 28.3 (27.3) | 16 | M6 | 40 |
| 063 | 144 | 174 | 40 | 100 | 85 | 25 (28) | 19 | 80 | 67 | 103 | 112 | 95 | 53 | 90 | 72 | 102 | 63 | 110 | 80 | 8.5 | 36 | 8 | M8X12 (n=8) | 45° | 8 | 6 | 28.3 (31.3) | 21.5 | M6 | 50 |
| 075 | 172 | 205 | 50 | 120 | 90 | 28 (35) | 24 | 95 | 72 | 112 | 120 | 115 | 57 | 105 | 86 | 119 | 75 | 140 | 93 | 11 | 40 | 10 | M8X14 (n=8) | 45° | 8 (10) | 8 | 31.3 (38.3) | 27 | M8 | 60 |
| 090 | 206 | 238 | 50 | 140 | 100 | 35 (38) | 24 | 110 | 74 | 130 | 140 | 130 | 67 | 125 | 103 | 135 | 90 | 160 | 102 | 13 | 45 | 11 | M10X16 (n=8) | 45° | 10 | 8 | 38.3 (41.3) | 27 | M8 | 70 |
| 110 | 255 | 295 | 60 | 170 | 115 | 42 | 28 | 130 | - | 144 | 155 | 165 | 74 | 142 | 127.5 | 167.5 | 110 | 200 | 125 | 14 | 50 | 14 | M10X18 (n=8) | 45° | 12 | 8 | 45.3 | 31 | M10 | 85 |
| 130 | 293 | 335 | 80 | 200 | 120 | 45 | 30 | 180 | - | 155 | 170 | 215 | 81 | 162 | 146.5 | 187.5 | 130 | 250 | 140 | 16 | 60 | 15 | M12X20 (n=8) | 45° | 14 | 8 | 48.8 | 33 | M10 | 100 |
| 150 | 340 | 400 | 80 | 240 | 145 | 50 | 35 | 180 | - | 185 | 200 | 215 | 96 | 195 | 170 | 230 | 150 | 250 | 180 | 18 | 72.5 | 18 | M12X22 (n=8) | 45° | 14 | 10 | 53.8 | 38 | M12 | 120 |

NRV-EPRODUCT INTRODUCTION








NRV-E SIZE

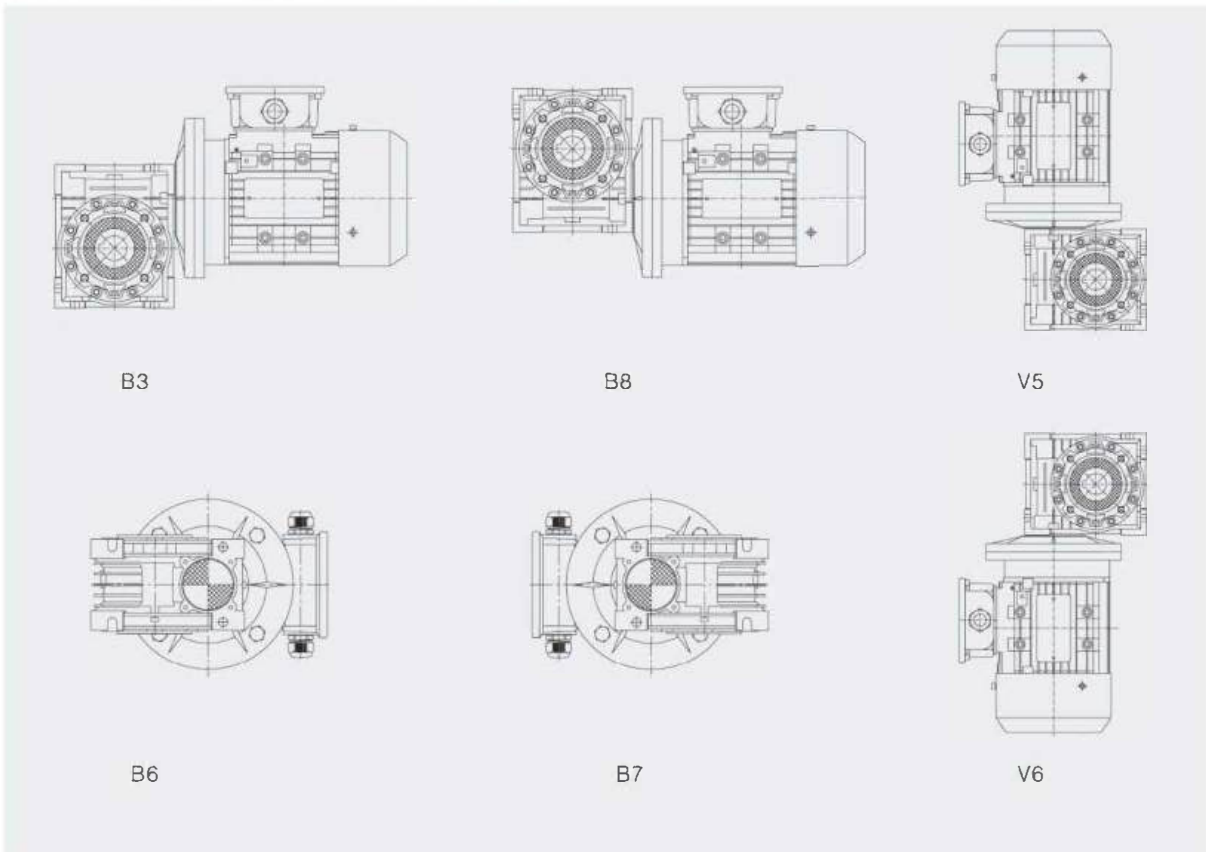


| NRV-E | A | B | B1 | G | G1 | D (H8) | D1 (H8) | E (H8) | F | G | G1 | G2 | H | H1 | J | M | N | O | P | Q | R | S | T | BL | β | b | b1 | t | t1 | f1 | v |
|-------|-----|-------|----|-----|-----|---------|---------|--------|----|-----|-----|-----|-----|------|-----|-------|-------|-----|-----|-----|-----|------|-----|--------------|-----|--------|----|-------------|------|-----|-----|
| 030 | 80 | 97 | 20 | 54 | 44 | 14 | 9 | 55 | 32 | 56 | 63 | 45 | 65 | 29 | 51 | 40 | 57 | 30 | 75 | 44 | 6.5 | 21 | 5.5 | M6X10 (n=4) | 0° | 5 | 3 | 16.3 | 10.2 | - | 27 |
| 040 | 100 | 121.5 | 23 | 70 | 60 | 18 (19) | 11 | 60 | 43 | 71 | 78 | 53 | 75 | 36.5 | 60 | 50 | 71.5 | 40 | 87 | 55 | 6.5 | 26 | 6.5 | M6X10 (n=4) | 45° | 4 | 4 | 20.8 (21.8) | 12.5 | - | 35 |
| 050 | 120 | 144 | 30 | 80 | 70 | 25 (24) | 14 | 70 | 49 | 85 | 92 | 64 | 85 | 43.5 | 74 | 60 | 84 | 50 | 100 | 64 | 8.5 | 30 | 7 | M8X12 (n=4) | 45° | 8 | 5 | 28.3 (27.3) | 16 | M6 | 40 |
| 063 | 144 | 174 | 40 | 100 | 85 | 25 (26) | 19 | 80 | 67 | 103 | 112 | 75 | 95 | 53 | 90 | 72 | 102 | 63 | 110 | 80 | 8.5 | 36 | 8 | M8X12 (n=8) | 45° | 8 | 6 | 28.3 (31.3) | 21.5 | M6 | 50 |
| 075 | 172 | 205 | 50 | 120 | 90 | 28 (35) | 24 | 95 | 72 | 112 | 120 | 90 | 115 | 57 | 105 | 86 | 119 | 75 | 140 | 93 | 11 | 40 | 10 | M8X14 (n=8) | 45° | 8 (10) | 8 | 31.3 (38.3) | 27 | M8 | 60 |
| 090 | 206 | 238 | 50 | 140 | 100 | 35 (38) | 24 | 110 | 74 | 130 | 140 | 108 | 130 | 67 | 125 | 103 | 135 | 90 | 160 | 102 | 13 | 45 | 11 | M10X16 (n=8) | 45° | 10 | 8 | 38.3 (41.3) | 27 | M8 | 70 |
| 110 | 255 | 295 | 60 | 170 | 115 | 42 | 28 | 130 | - | 144 | 155 | 135 | 165 | 74 | 142 | 127.5 | 167.5 | 110 | 200 | 125 | 14 | 50 | 14 | M10X18 (n=8) | 45° | 12 | 8 | 45.3 | 31 | M10 | 85 |
| 130 | 293 | 335 | 80 | 200 | 120 | 45 | 30 | 180 | - | 155 | 170 | 155 | 215 | 81 | 162 | 146.5 | 187.5 | 130 | 250 | 140 | 16 | 60 | 15 | M12X20 (n=8) | 45° | 14 | 8 | 48.8 | 33 | M10 | 100 |
| 150 | 340 | 400 | 80 | 240 | 145 | 50 | 35 | 180 | - | 185 | 200 | 175 | 215 | 96 | 195 | 170 | 230 | 150 | 250 | 180 | 18 | 72.5 | 18 | M12X22 (n=8) | 45° | 14 | 10 | 53.8 | 38 | M12 | 120 |

| P_{in} (kw) | n_2 (r/min) | i | M_{Tn} (Nm) | F_{12} (N) | f_s |  |  |  |
|------------------|------------------|-----|------------------|-----------------|-------|---|---|---|
| 7.5 | 46.7 | 30 | 1274 | 11051 | 0.9 | NMRV150 | 132B5 | 132M4 |
| | 35 | 40 | 1596 | 12163 | 1.0 | | | |
| 11 | 186.7 | 7.5 | 512 | 6962 | 2.3 | NMRV150 | 160B5 | 160M4 |
| | 140 | 10 | 675 | 7663 | 1.8 | | | |
| | 93.3 | 15 | 990 | 8771 | 1.3 | | | |
| | 70.0 | 20 | 1291 | 9654 | 1.0 | | | |
| | 56.0 | 25 | 1576 | 10400 | 0.8 | | | |
| 15 | 186.7 | 7.5 | 698 | 6962 | 1.7 | NMRV150 | 160B5 | 160L4 |
| | 140 | 10 | 921 | 7663 | 1.3 | | | |
| | 93.3 | 15 | 1351 | 8771 | 0.9 | | | |
| | 70.0 | 20 | 1760 | 9654 | 0.7 | | | |

GEAR BOX INSTALLATION POSITION

NMRV AND MOTOR MOUNTING POSITION



Note: if there is no special instructions to B3 standards for installation.



NMRV ACCESSORIES SERIES

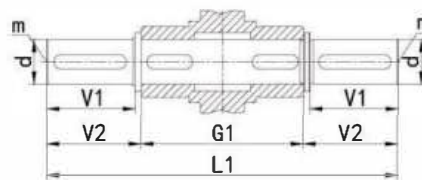
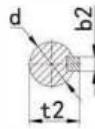
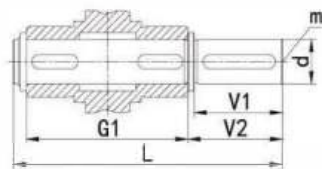
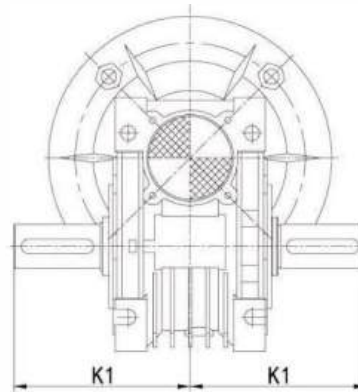
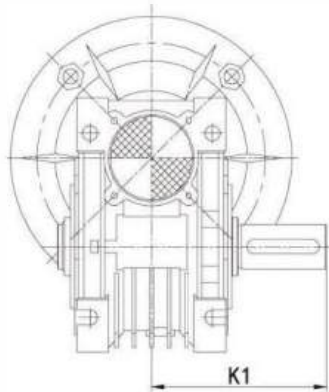
OUTPUT SHAFT SIZE



(DZ)



(SZ)



| NMRV | G1 | K1 | L | L1 | b2 | t2 | d(h6) | m | V1 | V2 |
|------|-----|-------|-----|-----|----|------|-------|-----|----|------|
| 030 | 63 | 64 | 102 | 128 | 5 | 16 | 14 | M6 | 30 | 32.5 |
| 040 | 78 | 82 | 128 | 164 | 6 | 20.5 | 18 | M6 | 40 | 43 |
| 050 | 92 | 99.5 | 153 | 199 | 8 | 28 | 25 | M10 | 50 | 53.5 |
| 063 | 112 | 109.5 | 173 | 219 | 8 | 28 | 25 | M10 | 50 | 53.5 |
| 075 | 120 | 123.5 | 192 | 247 | 8 | 31 | 28 | M10 | 60 | 63.5 |
| 090 | 140 | 154.5 | 234 | 309 | 10 | 38 | 35 | M12 | 80 | 84.5 |
| 110 | 155 | 162 | 249 | 324 | 12 | 45 | 42 | M16 | 80 | 84.5 |
| 130 | 170 | 170 | 265 | 340 | 14 | 48.5 | 45 | M16 | 80 | 85 |
| 150 | 200 | 187 | 297 | 374 | 14 | 53.5 | 50 | M16 | 82 | 87 |

NMRV ACCESSORIES SERIES

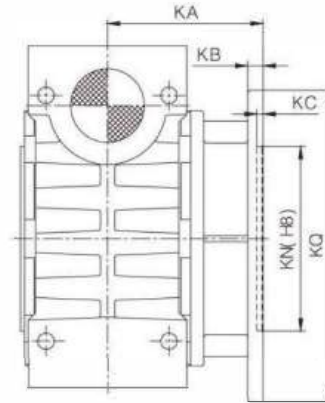
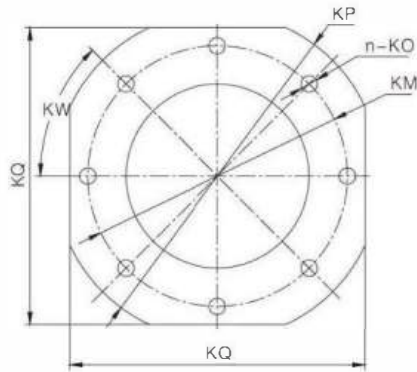
尺寸 / OUTPUT FLANGE DIMENSIONS (F)





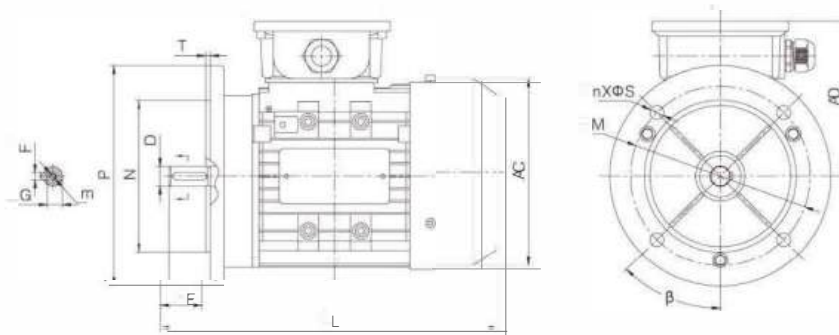
NMRV ACCESSORIES SERIES

OUTPUT FLANGE DIMENSIONS (F)



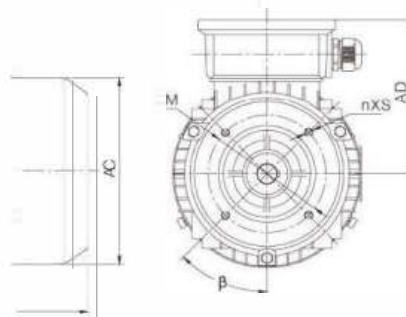
| NMRV | 030 | 040 | 050 | 063 | 075 | 090 | 110 | 130 | 150 | |
|------|-----|----------|----------|----------|---------|---------|---------|---------|---------|---------|
| FA | KA | 54.5 | 67 | 90 | 82 | 111 | 111 | 139 | 152 | 155 |
| | KB | 6 | 7 | 9 | 10 | 13 | 13 | 15 | 15 | 15 |
| | KC | 4 | 4 | 5 | 6 | 6 | 6 | 6 | 6 | 6 |
| | KN | 50 | 60 | 70 | 115 | 130 | 152 | 170 | 180 | 180 |
| | KM | 68 | 75 | 85 | 150 | 165 | 175 | 230 | 255 | 255 |
| | KO | 6.5(n=4) | 9(n=4) | 11(n=4) | 11(n=4) | 14(n=4) | 14(n=4) | 14(n=8) | 16(n=8) | 16(n=8) |
| | KP | 80 | 110 | 125 | 180 | 200 | 210 | 280 | 320 | 320 |
| | KQ | 70 | 95 | 110 | 142 | 170 | 200 | 260 | 290 | 290 |
| KW | 45° | 45° | 45° | 45° | 45° | 45° | 45° | 45° | 22.5° | |
| FB | KA | - | 97 | 120 | 112 | - | 122 | - | - | - |
| | KB | - | 7 | 9 | 10 | - | 18 | - | - | - |
| | KC | - | 4 | 5 | 6 | - | 6 | - | - | - |
| | KN | - | 60 | 70 | 115 | - | 180 | - | - | - |
| | KM | - | 75 | 85 | 150 | - | 215 | - | - | - |
| | KO | - | 9(n=4) | 11(n=4) | 11(n=4) | - | 14(n=4) | - | - | - |
| | KP | - | 110 | 125 | 180 | - | 250 | - | - | - |
| | KQ | - | 95 | 110 | 142 | - | - | - | - | - |
| KW | - | 45° | 45° | 45° | - | 45° | - | - | - | |
| FC | KA | - | 80 | 89 | 98 | - | 110 | - | - | - |
| | KB | - | 9 | 10 | 10 | - | 17 | - | - | - |
| | KC | - | 5 | 5 | 5 | - | 6 | - | - | - |
| | KN | - | 95 | 110 | 130 | - | 130 | - | - | - |
| | KM | - | 115 | 130 | 165 | - | 165 | - | - | - |
| | KO | - | 9.5(n=4) | 9.5(n=4) | 11(n=4) | - | 11(n=4) | - | - | - |
| | KP | - | 140 | 160 | 200 | - | 200 | - | - | - |
| | KW | - | 45° | 45° | 45° | - | 45° | - | - | - |
| FD | KA | - | 58 | 72 | 107 | - | 151 | - | - | - |
| | KB | - | 12 | 14.5 | 10 | - | 13 | - | - | - |
| | KC | - | 5 | 5 | 5 | - | 6 | - | - | - |
| | KN | - | 80 | 95 | 130 | - | 152 | - | - | - |
| | KM | - | 100 | 115 | 165 | - | 175 | - | - | - |
| | KO | - | 9(n=4) | 11(n=4) | 11(n=4) | - | 14(n=4) | - | - | - |
| | KP | - | 120 | 140 | 200 | - | 210 | - | - | - |
| | KW | - | 45° | 45° | 45° | - | 45° | - | - | - |
| FE | KA | - | - | - | Ø0.5 | - | - | - | - | - |
| | KB | - | - | - | 16.5 | - | - | - | - | - |
| | KC | - | - | - | 5 | - | - | - | - | - |
| | KN | - | - | - | 110 | - | - | - | - | - |
| | KM | - | - | - | 130 | - | - | - | - | - |
| | KO | - | - | - | 11(n=4) | - | - | - | - | - |
| | KP | - | - | - | 160 | - | - | - | - | - |
| | KW | - | - | - | 45° | - | - | - | - | - |

STANDARD MOTOR EXTERNAL REFERENCE DIMENSION



(B5 MOUNTING POSITION)

| Frame size | Motor power | | | Forfilomtry | | | | | Mounted size | | | | Shaft extension | | | | | | | |
|------------|------------------|--------------|--------------|-------------|-----|-----|-----|-----|--------------|-----|----------|----------|-----------------|-----|---------|--------|---------|-----|-----|---------|
| | 2P | 4P | 6P | AC | AD | L | P | N | T | M | S | β | E | F | D | G | m | | | |
| | Motor poles (KW) | | | | | | | | | | | | | | | | | | | |
| 56 | 0.09 0.12 | 0.06 0.09 | 0.09 0.12 | 113 | 96 | 199 | 120 | 80 | 3.0 | 100 | 7(n=4) | 45° | 20 | 3 | 9 | 7.2 | M4X12 | | | |
| 63 | 0.18 0.25 | 0.12 0.18 | 0.12 0.18 | 120 | 102 | 217 | 140 | 95 | | 115 | 10(n=4) | | 23 | 4 | 11 | 8.5 | | | | |
| 71 | 0.37 0.55 | 0.25 0.37 | 0.18 0.25 | 136 | 109 | 245 | 160 | 110 | 3.5 | 130 | 12(n=4) | 30 | 5 | 14 | 11 | M5X12 | | | | |
| 80 | 0.75 1.10 | 0.55 0.75 | 0.37 0.55 | 155 | 124 | 287 | 200 | 130 | | 165 | | 40 | 6 | 19 | 15.5 | M6X16 | | | | |
| 90S | 1.5 | 1.1 | 0.75 | 175 | 137 | 310 | | 250 | 180 | 4.0 | 215 | 15(n=4) | 50 | 8 | 24 | 20 | M8X19 | | | |
| 90L | 2.2 | 1.5 | 1.1 | 335 | 258 | 188 | 475 | | | | | | 300 | | 230 | 265 | 60 | 28 | 24 | M10X22 |
| 100L | 3 | 2.2 | 1.5 | 195 | | | | 151 | 383 | 300 | 230 | 4.0 | | 265 | | | 15(n=4) | 80 | 10 | 38 |
| 112M | 4 | 4.0 | 2.2 | 219 | 169 | 401 | 350 | 250 | 5.0 | | | | 300 | | 19(n=4) | 110 | | 12 | 42 | 37 |
| 132S | 5.5 7.5 | 5.5 | 3.0 | 258 | 188 | 513 | | | | 315 | 242 | 609 | | 653 | | 350 | 250 | 5.0 | 300 | 19(n=4) |
| 132M | 7.5 | 5.5 | 4.0 | 315 | 242 | 609 | 653 | | | | | | | | | | | | | |
| 160M | 11 15 | 11 | 7.5 | 315 | 242 | 609 | 653 | 250 | 180 | 4.0 | 215 | M12(n=4) | 110 | 12 | 42 | 37 | M16X36 | | | |
| 160L | 18.5 | 15 | 11 | 315 | 242 | 653 | 250 | 180 | 4.0 | 215 | M12(n=4) | 110 | 12 | 42 | 37 | M16X36 | | | | |



(B14 MOUNTING POSITION)

| Frame size | Motor power | | | Forfilomtry | | | | | Mounted size | | | | Shaft extension | | | | | | | | |
|------------|------------------|--------------|--------------|-------------|-----|-----|-----|-----|--------------|-----|----------|----------|-----------------|-----|----------|--------|---------|----------|-----|-----|----------|
| | 2P | 4P | 6P | AC | AD | L | P | N | T | M | S | β | E | F | D | G | m | | | | |
| | Motor poles (KW) | | | | | | | | | | | | | | | | | | | | |
| 56 | 0.09 0.12 | 0.06 0.09 | 0.09 0.12 | 113 | 96 | 199 | 80 | 50 | 2.5 | 65 | M5(n=4) | 45° | 20 | 3 | 9 | 7.2 | M4X12 | | | | |
| 63 | 0.18 0.25 | 0.12 0.18 | 0.12 0.18 | 120 | 102 | 217 | 90 | 60 | | 75 | M5(n=4) | | 23 | 4 | 11 | 8.5 | | | | | |
| 71 | 0.37 0.55 | 0.25 0.37 | 0.18 0.25 | 136 | 109 | 245 | 105 | 70 | 3.0 | 85 | M6(n=4) | 30 | 5 | 14 | 11 | M5X12 | | | | | |
| 80 | 0.75 1.10 | 0.55 0.75 | 0.37 0.55 | 155 | 124 | 287 | 120 | 80 | | 100 | M6(n=4) | 40 | 6 | 19 | 15.5 | M6X16 | | | | | |
| 90S | 1.5 | 1.1 | 0.75 | 175 | 137 | 310 | 140 | 95 | 3.0 | 115 | M8(n=4) | 50 | 8 | 24 | 20 | M8X19 | | | | | |
| 90L | 2.2 | 1.5 | 1.1 | 335 | 219 | 169 | | | | | | 401 | | 350 | 3.5 | 130 | M8(n=4) | 60 | 28 | 24 | M10X22 |
| 100L | 3 | 2.2 | 1.5 | 195 | | | 151 | 383 | 200 | 130 | 3.5 | | 165 | | | | | M10(n=4) | 80 | 10 | 38 |
| 112M | 4 | 4.0 | 2.2 | 219 | 169 | 401 | 250 | 130 | | | | 3.5 | | 165 | M10(n=4) | 110 | 12 | | 42 | 37 | M16X36 |
| 132S | 5.5 7.5 | 5.5 | 3.0 | 258 | 188 | 475 | | | 315 | 242 | 609 | | 653 | | | 350 | 250 | 180 | 4.0 | 215 | M12(n=4) |
| 132M | 7.5 | 5.5 | 4.0 | 315 | 242 | 609 | 653 | | | | | | | | | | | | | | |
| 160M | 11 15 | 11 | 7.5 | 315 | 242 | 609 | 653 | 250 | 180 | 4.0 | 215 | M12(n=4) | 110 | 12 | 42 | 37 | M16X36 | | | | |
| 160L | 18.5 | 15 | 11 | 315 | 242 | 653 | 250 | 180 | 4.0 | 215 | M12(n=4) | 110 | 12 | 42 | 37 | M16X36 | | | | | |