ROTOFIELD®

The Prime Revolution of Rotofield.

MAKE IN INDIA


CE

CERTIFIED ISO 9001:2015 COMPANY

**Certified Company**

# LARGEST INDUSTRIAL AC INDUCTION ELECTRIC MOTORS & GEARBOX MANUFACTURERS

# ABOUT US

## COMPANY PROFILE

Prime Tech Industries is more than 10+ years old company engaged in the manufacturing of a wide spectrum of products, using the state-of-the-art technology and incorporating top grade components. Our engineering expertise rests on developing a wide range of AC Motors like Electric AC motors, AC Torque Motors, which operate over a wide speed range, meanwhile keeping maximal torque per ampere and greater efficiency capabilities.

Our engineering expertise rests on developing a wide range of AC Motors like Electric AC motors, AC Torque Motors, which operate over a wide speed range, meanwhile keeping maximal torque per ampere and greater efficiency capabilities. AC Motors & DC Brake Motors, designed by us, give exemplary performance as go through a series of test for the validation of quality characteristics.

## IN HOUSE FACILITIES

- Stamping and lamination facility
- Pressure Die Casting facility for Rotors and Motor Bodies
- Well equipped Tool Room
- New sophisticated product machinery with many CNCs

## WHY CHOOSE US

### Modern Technology

Modern Energy keeps on upgrading the equipment and technologies to match world standards in energy rental services.

### Affordable Price

Our Genset run with the lowest possible cost per kWh without compromising on quality. You rent the best-maintained Gensets at Modern Energy.

### Reliable Service

With a presence in more locations, 35+ skilled man power and a huge range of Foot Mounted , Flange Mouned & Face Mounted

## OUR VISION

To be a global leader in innovative and energy-efficient industrial motor solutions that drive sustainable industrial growth.

## OUR MISSION

To design, manufacture, and deliver high-performance industrial motors that meet evolving customer needs through quality, reliability, and technological excellence.

## OUR GOAL

To consistently enhance product performance, expand our global reach, and lead the industry in customer satisfaction and innovation.

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# OUR PRODUCT

## FOOT MOUNTED MOTORS
### B3

## FLANGE MOUNTED MOTORS
### B5

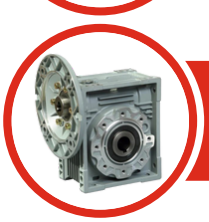
## FACE MOUNTED MOTORS
### B14

## SINGLE PHASE MOTORS

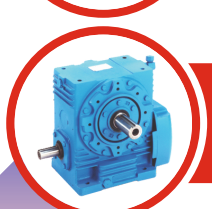
## HELICAL GEAR BOX (FOOT)

## HELICAL GEAR BOX (FLANGE)

## HELICAL GEAR BOX
### R SERIES



## WORM GEAR BOX
### NMRV SERIES



## NU REDUCTION WORM
### GEAR BOX

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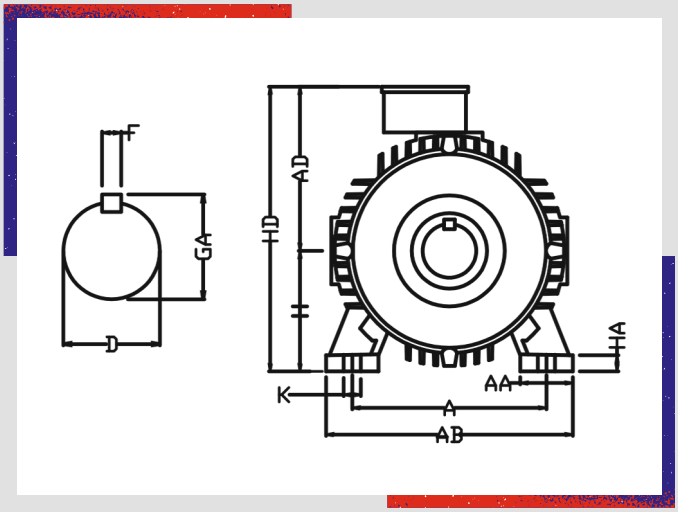
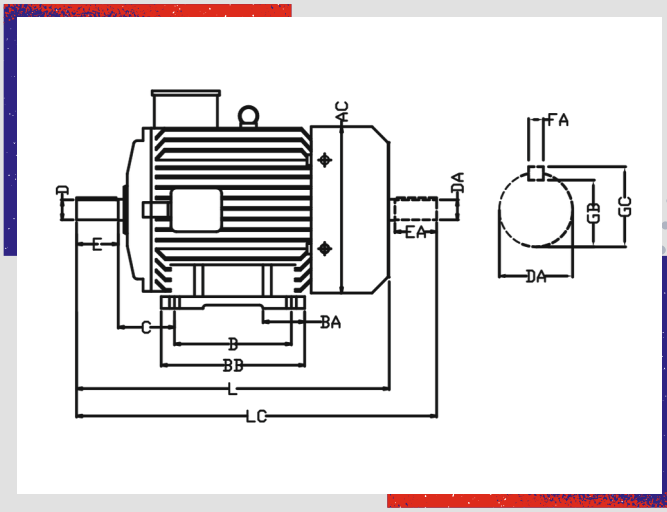
# FOOT MOUNTED MOTORS

## B3

- H.P. : 0.25 to 40.0
- I. Class : B & F
- RPM : 2800, 1500, 960, 720
- Duty : S1 - S4
- Mounting : Foot (B3)
- Enclosure : TEFC, TESC
- Frame : 63 to 180 L
- Protection: IP 55, IP 44


All Motor as per IS 12615 (2011)




### HORIZONTAL FOOT MOUNTED MOTOR (B3 CONSTRUCTION)

| FRAME SIZE | A | B | C | H | K | L | LO | AA | AB | AC | BA | AD | BB | HA | HD | D/DA | E/EA | F | G | GA | LC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 56 | 90 | 71 | 36 | 56 | M6 | 190 | 93 | 25 | 110 | 113 | 30 | 100 | 90 | 7 | 150 | 9 | 20 | 3 | 7.2 | 10.2 | 213 |
| 63 | 100 | 80 | 40 | 63 | M7 | 210 | 105 | 25 | 123 | 127 | 30 | 110 | 100 | 8 | 175 | 11 | 23 | 4 | 8.5 | 12.5 | 236 |
| 71 | 112 | 90 | 45 | 71 | M7 | 238 | 124 | 30 | 142 | 142 | 35 | 120 | 110 | 10 | 190 | 14 | 30 | 5 | 11.0 | 16.0 | 271 |
| 80 | 125 | 100 | 50 | 80 | M10 | 270 | 140 | 35 | 155 | 160 | 40 | 130 | 124 | 12 | 160 | 19 | 40 | 6 | 15.5 | 21.5 | 315 |
| 90S | 140 | 100 | 56 | 90 | M10 | 303 | 156 | 40 | 175 | 180 | 45 | 140 | 130 | 13 | 230 | 24 | 50 | 8 | 20.0 | 27.0 | 357 |
| 90L | 140 | 125 | 56 | 90 | M10 | 328 | 170 | 40 | 175 | 180 | 50 | 140 | 155 | 13 | 230 | 24 | 50 | 8 | 20.0 | 27.0 | 382 |
| 100L | 160 | 140 | 63 | 100 | M12 | 370 | 185 | 40 | 195 | 205 | 55 | 165 | 170 | 14 | 260 | 28 | 60 | 8 | 24.0 | 31.0 | 435 |
| 112M | 190 | 140 | 70 | 112 | M12 | 385 | 200 | 45 | 225 | 228 | 60 | 175 | 180 | 15 | 290 | 28 | 60 | 8 | 24.0 | 31.0 | 448 |
| 132S | 216 | 140 | 89 | 132 | M12 | 470 | 238 | 60 | 265 | 260 | 80 | 200 | 175 | 22 | 335 | 38 | 80 | 10 | 33 | 41 | 560 |
| 132M | 216 | 178 | 89 | 132 | M12 | 508 | 258 | 60 | 265 | 260 | 80 | 200 | 215 | 22 | 335 | 38 | 80 | 10 | 33 | 41 | 598 |
| 160M | 254 | 210 | 10 | 160 | M15 | 581 | 323 | 70 | 315 | 330 | 90 | 230 | 265 | 25 | 390 | 42 | 110 | 12 | 37 | 45 | 695 |
| 160L | 254 | 254 | 8 | 160 | M15 | 625 | 345 | 70 | 315 | 330 | 90 | 230 | 310 | 25 | 390 | 42 | 110 | 12 | 37 | 45 | 739 |

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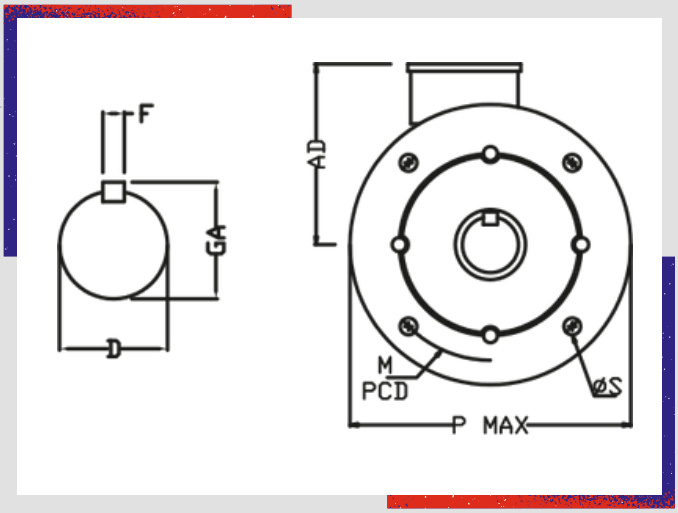
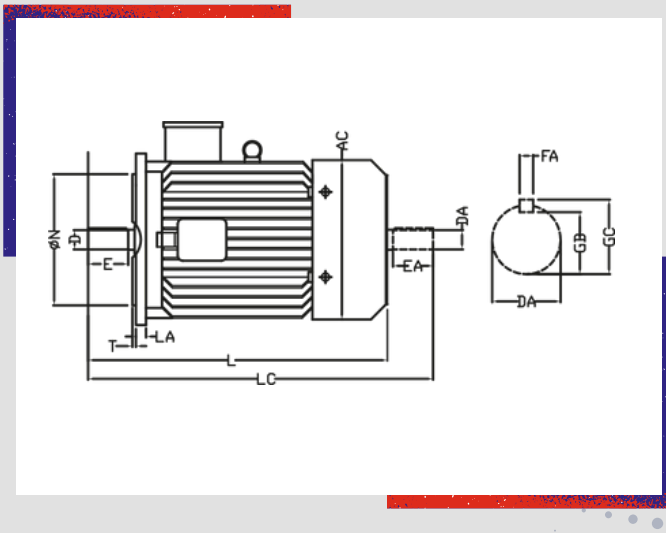
# FLANGE MOUNTED MOTORS

## B5

- H.P. : 0.25 to 40.0
- I. Class : B & F
- RPM : 2800, 1500, 960, 720
- Duty : S1 - S4
- Mounting : Flange (B5)
- Enclosure : TEFC, TESC
- Frame : 63 to 180 L
- Protection: IP 55, IP 44

All Motor as per IS 12615 (2011)




## FLANGE MOUNTED MOTORS (B5 CONSTRUCTION)

| FRAME SIZE | PMAX | MPCD | ΦN | ΦS | T | LA | L | LC | AD | D | E | F | GA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 56 | 140 | 115 | 95 | 10 | 3.0 | 9 | 190 | 213 | 100 | 9 | 20 | 3 | 10.2 |
| 63 | 140 | 115 | 95 | 10 | 3.0 | 9 | 210 | 236 | 110 | 11 | 23 | 4 | 12.5 |
| 71 | 160 | 130 | 110 | 10 | 3.5 | 9 | 238 | 271 | 120 | 14 | 30 | 5 | 16.0 |
| 80 | 200 | 165 | 130 | 12 | 3.5 | 10 | 270 | 315 | 130 | 19 | 40 | 6 | 21.5 |
| 90S | 200 | 165 | 130 | 12 | 3.5 | 10 | 303 | 357 | 140 | 24 | 50 | 8 | 27.0 |
| 90L | 200 | 165 | 130 | 12 | 3.5 | 10 | 328 | 382 | 140 | 24 | 50 | 8 | 27.0 |
| 100L | 250 | 215 | 180 | 15 | 4 | 12 | 370 | 435 | 165 | 28 | 60 | 8 | 31.0 |
| 112M | 250 | 215 | 180 | 15 | 4 | 12 | 385 | 448 | 175 | 28 | 60 | 8 | 31.0 |
| 132S | 300 | 265 | 230 | 15 | 4 | 12 | 470 | 560 | 200 | 38 | 80 | 10 | 41.0 |
| 132M | 300 | 265 | 230 | 15 | 4 | 12 | 508 | 598 | 200 | 38 | 80 | 10 | 41.0 |
| 160M | 350 | 300 | 250 | 19 | 5 | 13 | 581 | 695 | 230 | 42 | 110 | 12 | 45.0 |
| 160L | 350 | 300 | 250 | 19 | 5 | 13 | 625 | 739 | 230 | 42 | 110 | 12 | 45.0 |

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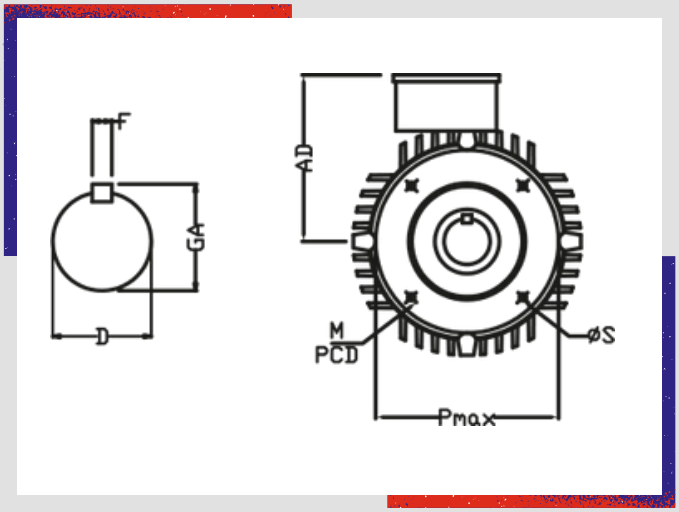
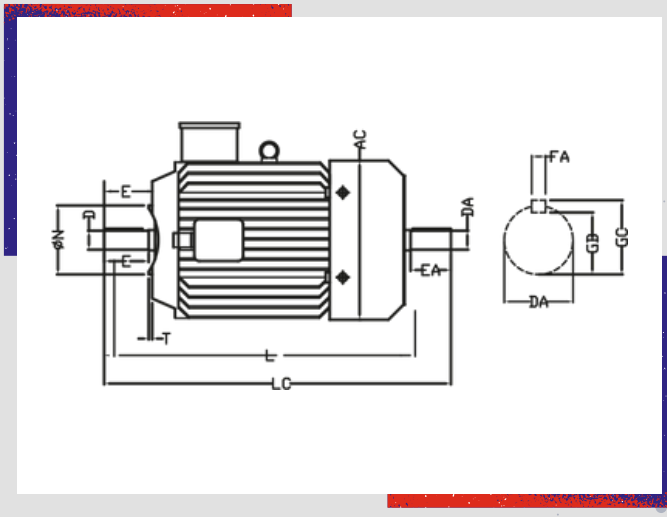
# FACE MOUNTED MOTORS

## B14

- H.P. : 0.25 to 40.0
- I. Class : B & F
- RPM : 2800, 1500, 960, 720
- Duty : S1 - S4
- Mounting : Face (B14)
- Enclosure : TEFC, TESC
- Frame : 63 to 132 M
- Protection: IP 55, IP 44

All Motor as per IS 12615 (2011)



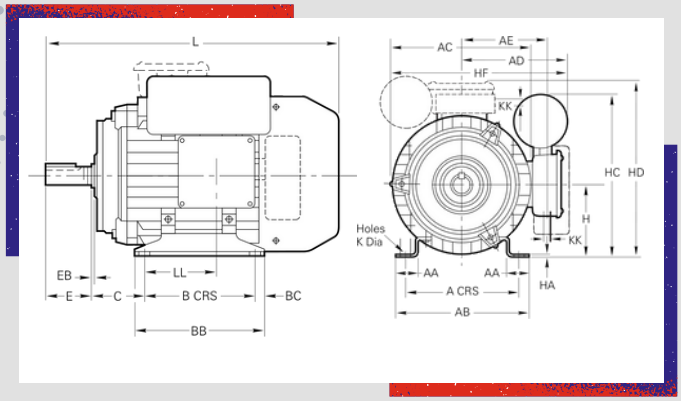



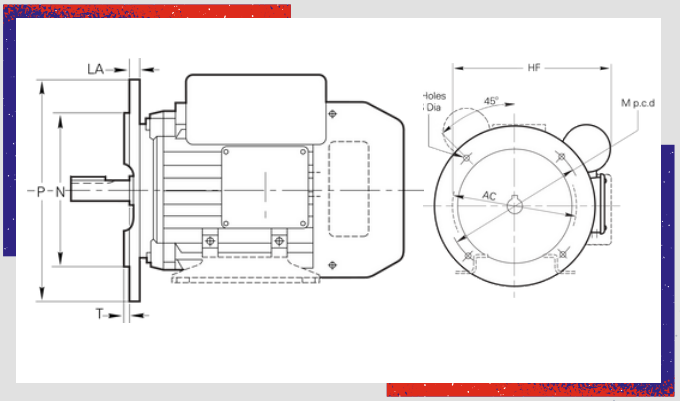

### FACE MOUNTED MOTORS (B14 CONSTRUCTION)

| SIZE FRAME | PMAX | MPCD | ΦN | ΦS | T | L | LC | AD | D | E | F | GA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 56 | 80 | 65 | 50 | M5 | 2.5 | 190 | 213 | 100 | 9 | 20 | 3 | 10.2 |
| 63 | 90 | 75 | 60 | M5 | 2.5 | 210 | 236 | 110 | 11 | 23 | 4 | 12.5 |
| 71 | 105 | 85 | 70 | M6 | 2.5 | 238 | 271 | 120 | 14 | 30 | 5 | 16.0 |
| 80 | 120 | 100 | 80 | M6 | 3.0 | 270 | 315 | 130 | 19 | 40 | 6 | 21.5 |
| 90S | 140 | 115 | 95 | M8 | 3.0 | 303 | 357 | 140 | 24 | 50 | 8 | 27.0 |
| 90L | 140 | 115 | 95 | M8 | 3.0 | 328 | 382 | 140 | 24 | 50 | 8 | 27.0 |
| 100L | 160 | 130 | 110 | M8 | 3.5 | 370 | 435 | 165 | 28 | 60 | 8 | 31.0 |
| 112M | 160 | 130 | 110 | M8 | 3.5 | 385 | 448 | 175 | 28 | 60 | 8 | 31.0 |
| 132S | 200 | 165 | 130 | M12 | 3.5 | 470 | 560 | 200 | 38 | 80 | 10 | 41.0 |
| 132M | 200 | 165 | 130 | M12 | 3.5 | 508 | 598 | 200 | 38 | 80 | 10 | 41.0 |
| 160M | 250 | 215 | 180 | M12 | 4.0 | 581 | 695 | 230 | 42 | 110 | 12 | 45.0 |
| 160L | 250 | 215 | 180 | M12 | 4.0 | 625 | 739 | 230 | 42 | 110 | 12 | 45.0 |

# SINGLE PHASE MOTORS

- H.P. : 0.25 to 5
- I. Class : B & F
- RPM : 2800, 1500, 960, 720
- Duty : S1
- Mounting : Foot, Flange
- Enclosure : TEFC, TESC
- Frame : 63 to 132 M
- Protection: IP 55, IP 44


## Capacitor start induction run 1500 min$^{-1}$ (4 pole)

| $P_N$ kW (hp) | N Min$^{-1}$ | Type | $I_N$ 230 V A | H $1.0P_N$ $0.75\ P_N$ $0.5\ P_N$ | COS Ø $1.0\ P_N$ $0.75\ P_N$ $0.5\ P_N$ | $M_N$ Nm | $M_A/M_N$ | $I_A/I_N$ | µF Start |
|---|---|---|---|---|---|---|---|---|---|
| 0.12 (0.25) | 1430 | 2-EDA71MG | 1.75 | 47.0 43.0 34.0 | 0.63 0.54 0.45 | 0.8 | 2.5 | 4 | 55 |
| 0.18 (0.25) | 1410 | 2-EDA71MK(1) | 2.3 | 51.0 49.0 42.0 | 0.66 0.57 0.48 | 1.22 | 2.4 | 4 | 100 |
| 0.25 (0.33) | 1420 | 2-EDA71MR(1) | 2.8 | 60.0 58.0 52.0 | 0.64 0.55 0.44 | 1.68 | 2.4 | 4 | 100 |
| 0.37 (0.50) | 1430 | 2-EDA80MG | 4.2 | 58.0 56.0 51.0 | 0.67 0.58 0.45 | 2.5 | 2.1 | 4.1 | 100 |
| 0.55 (0.75) | 1430 | 2-EDA80MR | 6 | 61.0 58.0 50.0 | 0.67 0.57 0.49 | 3.7 | 2 | 5.1 | 100 |
| 0.75 (1.0) | 1420 | 2-EDA90LK(1) | 8 | 60.0 58.0 54.0 | 0.68 0.60 0.49 | 5 | 2.3 | 4.1 | 100 |
| 1 (1.34) | 1420 | 2-EDA90LT(1) | 9.75 | 65.0 64.0 57.0 | 0.69 0.60 0.49 | 6.7 | 1.9 | 4.5 | 100 |

## Capacitor start induction run 3000 min$^{-1}$ (2 pole)

| $P_N$ kW (hp) | N Min$^{-1}$ | Type | $I_N$ 230 V A | H $1.0P_N$ $0.75\ P_N$ $0.5\ P_N$ | COS Ø $1.0\ P_N$ $0.75\ P_N$ $0.5\ P_N$ | $M_N$ Nm | $M_A/M_N$ | $I_A/I_N$ | µF Start |
|---|---|---|---|---|---|---|---|---|---|
| 0.18 (0.25) | 2850 | 2-EDA71MG | 1.65 | 61.0 60.0 52.0 | 0.77 0.67 0.56 | 0.8 | 0.6 | 5.3 | 55 |
| 0.25 (0.33) | 2850 | 2-EDA71MK | 2.3 | 61.0 60.0 52.0 | 0.78 0.68 0.58 | 1.22 | 0.84 | 4.5 | 55 |
| 0.37 (0.50) | 2850 | 2-EDA71MR | 3 | 68.0 67.0 63.0 | 0.80 0.70 0.56 | 1.68 | 1.24 | 4.5 | 100 |
| 0.55 (0.75) | 2810 | 2-EDA80MF | 3.1 | 64.0 64.0 61.0 | 0.79 0.68 0.58 | 2.5 | 1.87 | 3.9 | 100 |
| 0.75 (1.0) | 2835 | 2-EDA80MK | 6 | 68.0 69.0 65.0 | 0.80 0.72 0.58 | 3.7 | 2.53 | 4.37 | 100 |
| 1.1 (1.5) | 2875 | 2-EDA90SJ | 8.8 | 71.5 71.0 67.0 | 0.76 0.67 0.53 | 5 | 3.65 | 4.7 | 100 |
| 1.5 (2.0) | 2865 | 2-EDA90LS | 11.2 | 75.5 77.0 74.5 | 0.79 0.70 0.57 | 6.7 | 5 | 5 | 5 |

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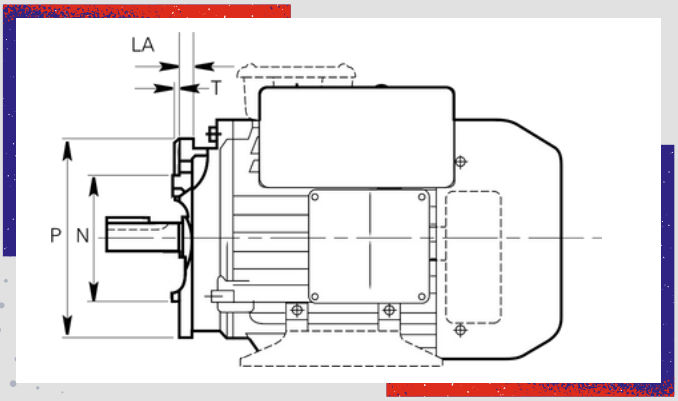
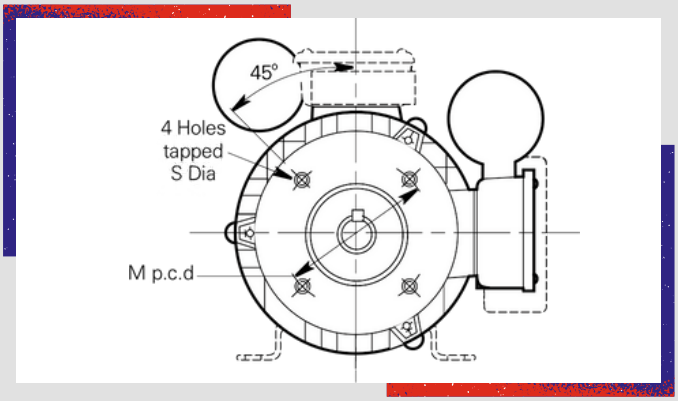
# SINGLE PHASE MOTORS

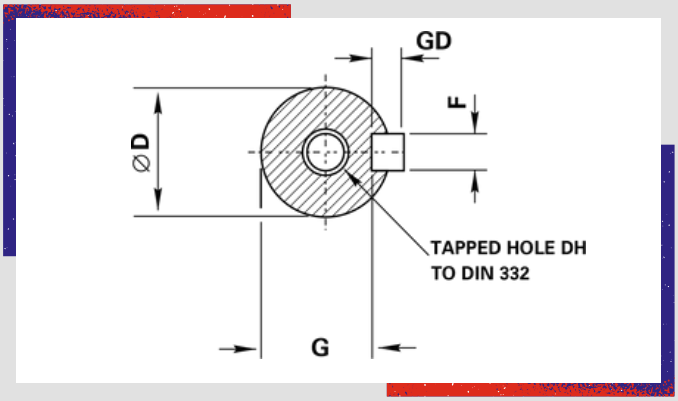



| Type | A | B | C | H | K | L | LL | AA | AB | AC | AD | AE | BB | BC | HA | HC | HF | KK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63S | 100 | 80 | 40 | 63 | 7 | 207 | 74 | 19 | 119 | 126 | 127 | - | 100 | 10 | 2 | 169 | 190 | 20 |
| 71M | 112 | 90 | 45 | 71 | 7 | 238 | 116.5 | 19 | 131 | 140 | 126 | 95.5 | 110 | 10 | 2 | 197 | 165.5 | 20 |
| 80M | 125 | 100 | 50 | 80 | 10 | 278 | 75 | 27 | 157 | 160 | 145 | 102 | 127 | 13.5 | 4 | 208 | 224 | 20 |
| 90S | 140 | 100 | 56 | 90 | 10 | 322 | 100 | 28 | 164 | 178 | 153 | 110 | 150 | 13.5 | 4 | 218 | 242 | 20 |
| 90L | 140 | 125 | 56 | 90 | 10 | 322 | 100 | 28 | 164 | 178 | 153 | 110 | 150 | 13.5 | 4 | 218 | 242 | 20 |
| 100L | 160 | 140 | 63 | 100 | 12 | 368 | 117 | 28 | 164 | 208 | 125 | 120 | 170 | 15 | 4 | 250 | - | 20 |

| Type | IM B5 mounting | | | | | | IM B14 mounting | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | M | N | P | S | T | LA | M | N | P | S | T | LA |
| 63S | 115 | 95 | 140 | 10 | 3 | 7 | 75 | 60 | 90 | M5 | 2.5 | 7 |
| 71M | 130 | 110 | 160 | 10 | 3.5 | 7 | 85 | 70 | 105 | M6 | 2.5 | 9 |
| 80M | 165 | 130 | 200 | 12 | 3.5 | 12 | 100 | 80 | 120 | M6 | 3 | 9 |
| 90S | 165 | 130 | 200 | 12 | 3.5 | 10 | 115 | 95 | 140 | M8 | 3 | 9 |
| 90L | 165 | 130 | 200 | 12 | 3.5 | 10 | 115 | 95 | 140 | M8 | 3 | 9 |
| 100L | 215 | 180 | 250 | 15 | 4 | 11 | 130 | 110 | 160 | M8 | 3.5 | 22 |

| Type | D | E | F | G | GD | EB | DH |
|---|---|---|---|---|---|---|---|
| 63S | 11 | 23 | 4 | 8.5 | 4 | 1.5 | M4 x 10 |
| 71M | 14 | 30 | 5 | 11 | 5 | 6.5 | M5 x 12.5 |
| 80M | 19 | 40 | 6 | 15.5 | 6 | 1.5 | M6 x 16 |
| 90S / L | 24 | 50 | 8 | 20 | 7 | 1.5 | M8 x 19 |
| 100L | 28 | 60 | 8 | 23.9 | 7 | 1.5 | M10 x 22 |



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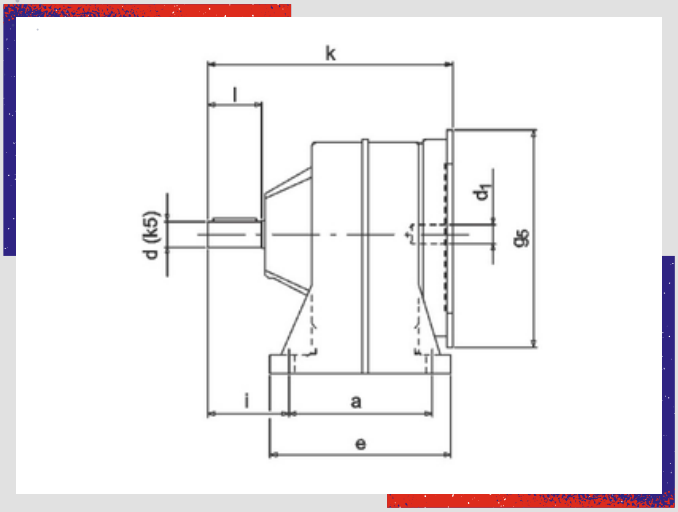
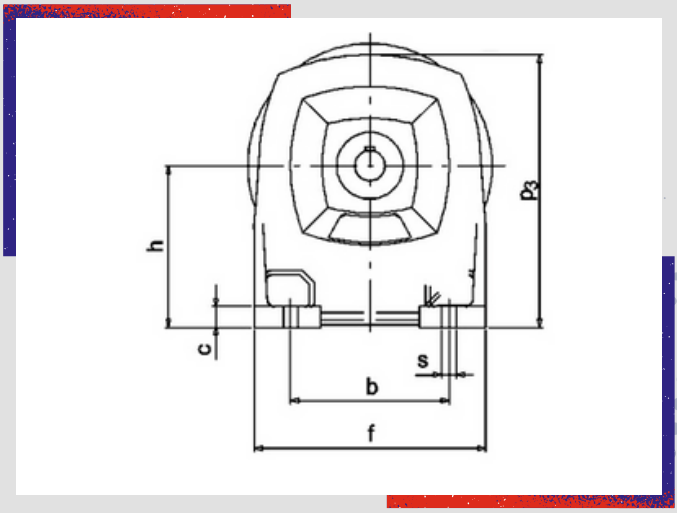
# HELICAL GEAR BOX (FOOT)




## Two Stage Helical Gearbox (Foot)

| Model | Weight (KG) | d1 | g5 | k | a | b | c | e | f | h | i | p3 | s | d | l |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 102 | 9.5 | 14 | 160 | 181 | 106 | 100 | 13 | 134 | 150 | 102 | 60 | 176 | 10 | 19 | 40 |
| 128 | 15 | 14 | 160 | 207 | 126 | 118 | 16 | 160 | 178 | 128 | 74 | 215 | 14 | 24 | 50 |
| | 17 | 19 | 200 | 225 | | | | | | | | | | | |
| | 17 | 24 | 200 | 242 | | | | | | | | | | | |
| 142 | 22 | 19 | 200 | 253 | 145 | 130 | 18 | 179 | 196 | 142 | 95 | 237 | 14 | 28 | 60 |
| | 22 | 24 | 200 | 270 | | | | | | | | | | | |
| | 25 | 28 | 250 | 312 | | | | | | | | | | | |
| 162 | 36 | 19 | 200 | 338 | 205 | 160 | 21 | 245 | 225 | 162 | 120 | 269 | 14 | 38 | 80 |
| | 36 | 24 | 200 | 338 | | | | | | | | | | | |
| | 36 | 28 | 250 | 341 | | | | | | | | | | | |
| 185 | 55 | 28 | 250 | 407 | 207 | 185 | 24 | 267 | 257 | 185 | 170 | 364 | 14 | 48 | 108 |
| | 55 | 28 | 250 | 407 | | | | | | | | | | | |
| | 59 | 38 | 300 | 426 | | | | | | | | | | | |

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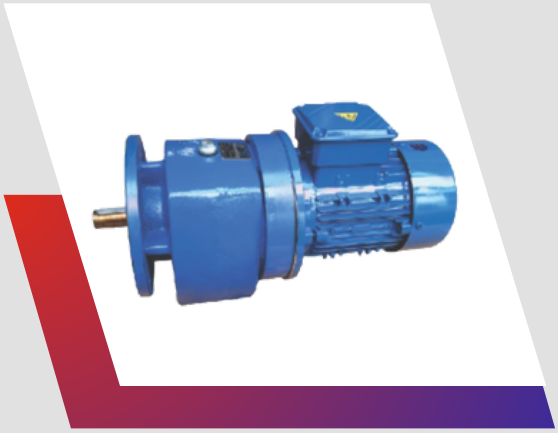
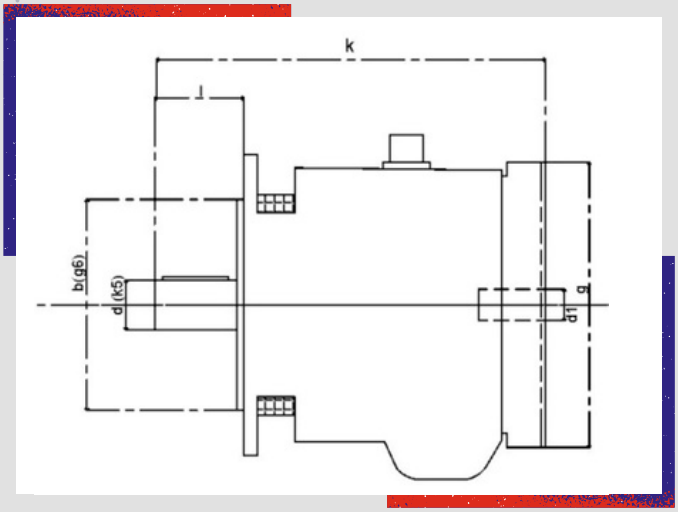
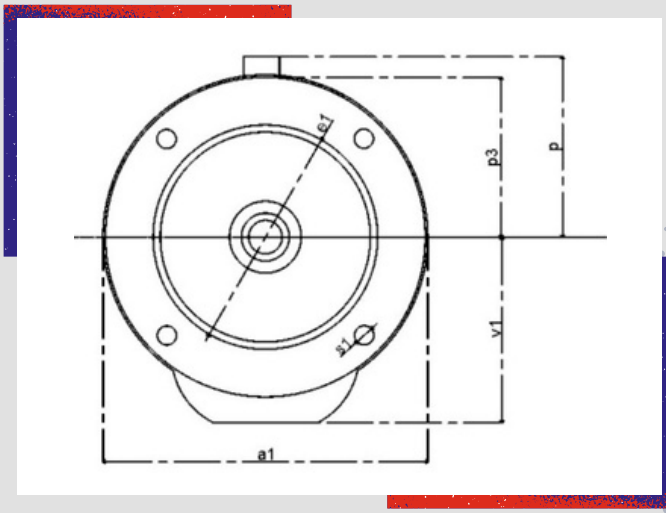
# HELICAL GEAR BOX (FLANGE)






## Two Stage Helical Gearbox (Flange)

| Model | Weight (KG) | d1 | g | k | a1 | b1 | c1 | e1 | f1 | p3 | s | v1 | d | l |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 102 | 9.5 | 14 | 160 | 181 | 145 | 100 | 10 | 130 | 4 | 73 | 9 | 100 | 19 | 40 |
| 128 | 15 | 14 | 160 | 207 | 172 | 130 | 10 | 165 | 4 | 86 | 11 | 128 | 24 | 50 |
| | 17 | 19 | 200 | 225 | | | | | | | | | | |
| | 17 | 24 | 200 | 242 | | | | | | | | | | |
| 142 | 22 | 19 | 200 | 253 | 190 | 130 | 10 | 165 | 4 | 95 | 11 | 140 | 28 | 50 |
| | 22 | 24 | 200 | 270 | | | | | | | | | | |
| 162 | 36 | 24 | 200 | 338 | 216 | 180 | 12 | 215 | 4 | 108 | 14 | 160 | 38 | 80 |
| | 36 | 28 | 250 | 341 | | | | | | | | | | |

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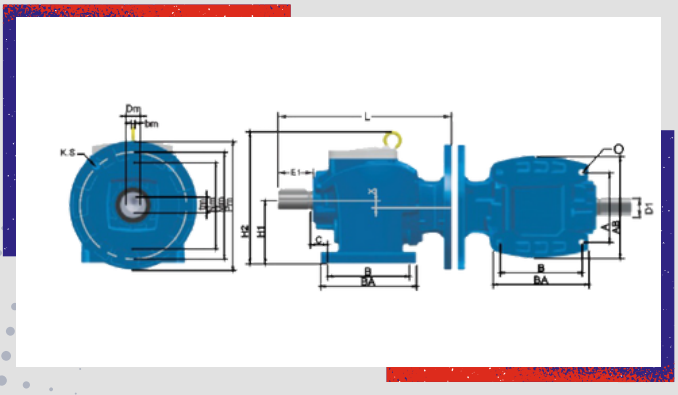
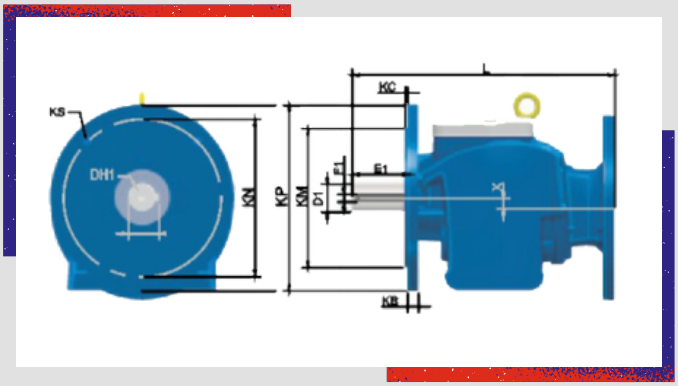
# HELICAL GEAR BOX

## R SERIES




### Input 1440 RPM

| Ratio | 80:1 | 72:1 | 60:1 | 51:4:1 | 45:1 | 40:1 | 36:1 | 30:1 | 25:1 | 20:1 | 17:1 | 15:1 | 10:1 | 7:5:1 | 6:1 | 4:8:1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R.P.M | 18 | 20 | 24 | 28 | 32 | 36 | 40 | 48 | 58 | 72 | 85 | 96 | 144 | 192 | 240 | 300 |
| 0.5 HP /0.37 KW | 21 | 21 | 21 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 0.75 HP / 0.55 KW | 30 | 30 | 21 | 21 | 21 | 21 | 21 | 21 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 1 HP / 0.75 KW | 30 | 30 | 30 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 12 | 12 | 12 | 12 | 12 | 12 |
| 1.5 HP / 1.1 KW | 60 | 60 | 60 | 60 | 60 | 30 | 30 | 30 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| 2 HP / 1.5 KW | 85 | 85 | 60 | 60 | 60 | 60 | 60 | 30 | 30 | 30 | 30 | 21 | 21 | 21 | 21 | 21 |
| 3 HP / 2.2 KW | 85 | 85 | 85 | 60 | 60 | 60 | 60 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| 5 HP / 3.7 KW | 150 | 150 | 150 | 150 | 85 | 85 | 85 | 85 | 85 | 85 | 60 | 60 | 60 | 30 | 30 | 30 |
| 7.5 HP / 5.5 KW | 300 | 300 | 300 | 300 | 150 | 150 | 150 | 150 | 150 | 150 | 85 | 85 | 85 | 85 | 85 | 85 |
| 10 HP / 7.5 KW | - | - | - | 300 | 300 | 300 | 300 | 150 | 150 | 150 | 150 | 85 | 85 | 85 | 85 | 85 |

| Model | Motor Type | NM | MM | PM | DM | TM | BM | L | B | BA | A | AB | O | H1 | H2 | C | D1 | E1 | F1 | DH 1 | KP | KM | KN | KS | KC | KB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R:12 | P71 B-5 | 110 | 130 | 160 | 14 | 16.5 | 5 | 244 | 105 | 127 | 90 | 135 | 9 | 85 | 155 | 20 | 25 | 50 | 8 | 8 | 140 | 95 | 115 | 9 | 3 | 10 |
| | P80 B-5 | 130 | 165 | 200 | 19 | 22 | 6 | 244 | 105 | 127 | 90 | 135 | 9 | 85 | 155 | 20 | 25 | 50 | 8 | 8 | 140 | 95 | 115 | 9 | 3 | 10 |
| | P71 B-14 | 70 | 85 | 105 | 14 | 16.5 | 5 | 244 | 105 | 127 | 90 | 135 | 9 | 85 | 155 | 20 | 25 | 50 | 8 | 8 | 140 | 95 | 115 | 9 | 3 | 10 |
| R:21 | P71 B-5 | 110 | 130 | 160 | 14 | 16.5 | 5 | 276 | 130 | 155 | 110 | 165 | 11 | 100 | 194 | 25 | 30 | 60 | 8 | 10 | 200 | 130 | 165 | 11 | 4 | 12 |
| | P80 B-5 | 130 | 165 | 200 | 19 | 22 | 6 | 276 | 130 | 155 | 110 | 165 | 11 | 100 | 194 | 25 | 30 | 60 | 8 | 10 | 200 | 130 | 165 | 11 | 4 | 12 |
| | P80 B-5 | 130 | 165 | 200 | 24 | 28 | 8 | 276 | 130 | 155 | 110 | 165 | 11 | 100 | 194 | 25 | 30 | 60 | 8 | 10 | 200 | 130 | 165 | 11 | 4 | 12 |
| R:30 | P80 B-5 | 130 | 165 | 200 | 19 | 22 | 6 | 340 | 165 | 200 | 135 | 210 | 14 | 115 | 240 | 30 | 35 | 70 | 10 | 12 | 200 | 130 | 165 | 11 | 4 | 12 |
| | P90 B-5 | 130 | 165 | 200 | 24 | 28 | 8 | 340 | 165 | 200 | 135 | 210 | 14 | 115 | 240 | 30 | 35 | 70 | 10 | 12 | 200 | 130 | 165 | 11 | 4 | 12 |
| | P100 B-5 | 180 | 215 | 250 | 28 | 32 | 8 | 340 | 165 | 200 | 135 | 210 | 14 | 115 | 240 | 30 | 35 | 70 | 10 | 12 | 250 | 180 | 215 | 14 | 4 | 15 |
| | P112 B-5 | 180 | 215 | 250 | 28 | 32 | 8 | 340 | 165 | 200 | 135 | 210 | 14 | 115 | 240 | 30 | 35 | 70 | 10 | 12 | 250 | 180 | 215 | 14 | 4 | 15 |
| R:60 | P80 B-5 | 130 | 165 | 200 | 19 | 22 | 6 | 380 | 195 | 225 | 150 | 240 | 14 | 135 | 265 | 30 | 40 | 80 | 12 | 16 | 200 | 130 | 165 | 11 | 4 | 12 |
| | P90 B-5 | 130 | 165 | 200 | 24 | 28 | 8 | 380 | 195 | 225 | 150 | 240 | 14 | 135 | 265 | 30 | 40 | 80 | 12 | 16 | 200 | 130 | 165 | 11 | 4 | 12 |
| | P100 B-5 | 180 | 215 | 250 | 28 | 32 | 8 | 380 | 195 | 225 | 150 | 240 | 14 | 135 | 265 | 30 | 40 | 80 | 12 | 16 | 250 | 180 | 215 | 14 | 4 | 15 |
| | P112 B-5 | 180 | 215 | 250 | 28 | 32 | 8 | 380 | 195 | 225 | 150 | 240 | 14 | 135 | 265 | 30 | 40 | 80 | 12 | 16 | 250 | 180 | 215 | 14 | 4 | 15 |
| R:85 | P90 B-5 | 130 | 165 | 200 | 24 | 28 | 8 | 400 | 205 | 235 | 170 | 250 | 17 | 140 | 290 | 35 | 50 | 100 | 14 | 16 | 250 | 180 | 215 | 14 | 4 | 19 |
| | P100 B-5 | 180 | 215 | 250 | 28 | 32 | 8 | 400 | 205 | 235 | 170 | 250 | 17 | 140 | 290 | 35 | 50 | 100 | 14 | 16 | 250 | 180 | 215 | 14 | 4 | 19 |
| | P112 B-5 | 180 | 215 | 250 | 28 | 32 | 8 | 400 | 205 | 235 | 170 | 250 | 17 | 140 | 290 | 35 | 50 | 100 | 14 | 16 | 250 | 180 | 215 | 14 | 4 | 19 |
| | P132 B-5 | 230 | 265 | 300 | 38 | 42.5 | 12 | 410 | 205 | 235 | 170 | 250 | 17 | 140 | 290 | 35 | 50 | 100 | 14 | 16 | 300 | 230 | 265 | 14 | 4 | 19 |
| R:160 | P100 B-5 | 180 | 215 | 250 | 28 | 32 | 8 | 450 | 260 | 306 | 215 | 307 | 18 | 180 | 360 | 40 | 60 | 120 | 18 | 20 | 300 | 230 | 265 | 14 | 4 | 19 |
| | P112 B-5 | 180 | 215 | 250 | 28 | 32 | 8 | 450 | 260 | 306 | 215 | 307 | 18 | 180 | 360 | 40 | 60 | 120 | 18 | 20 | 300 | 230 | 265 | 14 | 4 | 19 |
| | P132 B-5 | 230 | 265 | 300 | 38 | 42.5 | 12 | 450 | 260 | 306 | 215 | 307 | 18 | 180 | 360 | 40 | 60 | 120 | 18 | 20 | 300 | 230 | 265 | 14 | 4 | 19 |

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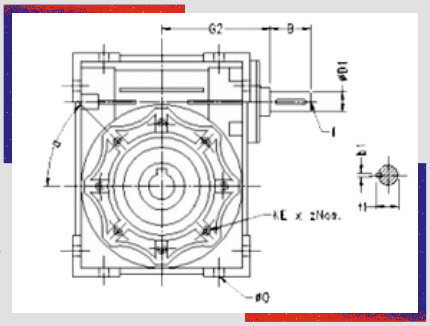
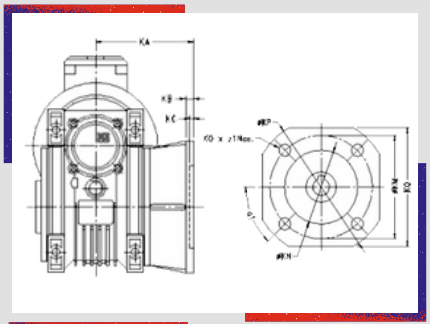
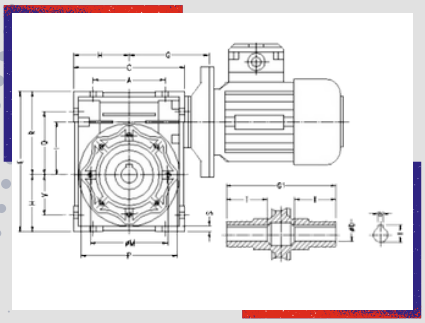
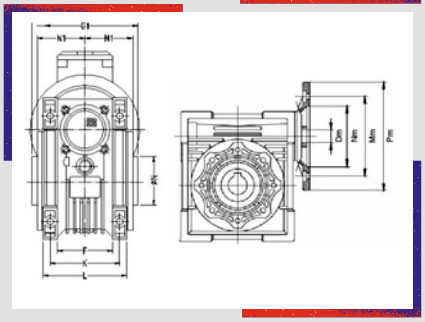
# WORM GEAR BOX

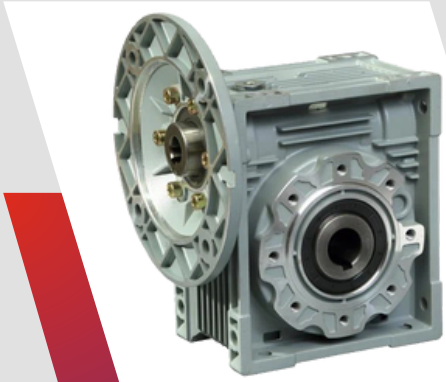
# NMRV SERIES











## Dimension of NMRV

| Model | A | C | G | E | H | I | K | KE | L | M | N(h8) | O | Q | R | S | V | Output | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | G1 | D(H7) | b | t | KA |
| BOX 30 | 54 | 80 | 55 | 97 | 40 | 30 | 44 | M6 x 11(n 4) | 56 | 65 | 55 | 6.5 | 44 | 57 | 5.5 | 27 | 63 | 14 | 5 | 16.3 | 54.5 |
| BOX 40 | 70 | 101 | 72 | 121 | 50 | 40 | 60 | M6 x 10(n 4) | 71 | 75 | 60 | 6.5 | 55 | 71.5 | 6.5 | 35 | 78 | 18 | 6 | 20.8 | 67/97 |
| BOX 50 | 80 | 121.5 | 89.5 | 144 | 60 | 50 | 70 | M8 x 10(n 4) | 85 | 85 | 70 | 8.5 | 64 | 84 | 7 | 40 | 92 | 25 | 8 | 28.3 | 90/120 |
| BOX 63 | 100 | 147.5 | 104.5 | 174 | 72 | 63 | 85 | M8 x 14(n 8) | 103 | 95 | 80 | 8.5 | 80 | 102 | 8 | 50 | 112 | 25 | 8 | 28.3 | 82/112 |
| BOX 75 | 120 | 174 | 114 | 205 | 86 | 75 | 90 | M8 x 14(n 8) | 112 | 110 | 95 | 11.5 | 93 | 119 | 10 | 60 | 120 | 28 | 8 | 31.3 | 111 |
| BOX 90 | 140 | 208 | 129.5 | 238 | 103 | 90 | 100 | M10 x 18(n 8) | 130 | 130 | 110 | 13 | 102 | 135 | 11 | 70 | 140 | 35 | 10 | 38.3 | 111 |
| BOX 110 | 170 | 255 | 153.5 | 295 | 128.5 | 110 | 115 | M10 x 18(n 8) | 144 | 165 | 130 | 14 | 125 | 167.5 | 14.5 | 85 | 155 | 42 | 12 | 45.3 | 131 |
| BOX 130 | 200 | 292.5 | 180 | 335 | 147.5 | 130 | 120 | M12 x 21(n 8) | 155 | 215 | 180 | 16 | 140 | 187.5 | 15.5 | 100 | 170 | 45 | 14 | 48.8 | 140 |
| BOX 150 | 240 | 340 | 210 | 400 | 170 | 150 | 145 | M12 x 21(n 8) | 185 | 215 | 180 | 18 | 180 | 230 | 18 | 120 | 200 | 50 | 14 | 53.8 | 155 |

## Input and Combinationation

| Model | Motor | Type | Nm | Mm | Pm | Dm | tm | bm |
|---|---|---|---|---|---|---|---|---|
| Box 30 | 63 | B5 | 95 | 115 | 140 | 11 | 12.8 | 4 |
| | | B14 | 60 | 75 | 90 | | | |
| Box40 | 63 | B5 | 95 | 115 | 140 | 11 | 12.8 | 4 |
| | 63 | B14 | 60 | 75 | 90 | 11 | 12.8 | 4 |
| | 71 | B5 | 110 | 130 | 160 | 14 | 16.3 | 5 |
| | 71 | B14 | 70 | 85 | 105 | 14 | 16.3 | 5 |
| Box50 | 63 | B5 | 95 | 115 | 140 | 11 | 12.8 | 4 |
| | 71 | B5 | 110 | 130 | 160 | 14 | 16.3 | 5 |
| | 71 | B14 | 70 | 85 | 105 | 14 | 16.3 | 5 |
| | 80 | B5 | 130 | 165 | 200 | 19 | 21.8 | 6 |
| | 80 | B14 | 80 | 100 | 120 | 19 | 21.8 | 6 |
| Box63 | 71 | B5 | 110 | 130 | 160 | 14 | 16.3 | 5 |
| | 71 | B14 | 70 | 85 | 105 | 14 | 16.3 | 5 |
| | 80 | B5 | 130 | 165 | 200 | 19 | 21.8 | 6 |
| | 80 | B14 | 80 | 100 | 120 | 19 | 21.8 | 6 |
| | 90 | B5 | 130 | 165 | 200 | 24 | 27.3 | 8 |
| | 90 | B14 | 95 | 115 | 140 | 24 | 27.3 | 8 |

| Model | Motor | Type | Nm | Mm | Pm | Dm | tm | bm |
|---|---|---|---|---|---|---|---|---|
| Box 75 | 80 | B5 | 130 | 165 | 200 | 19 | 21.8 | 6 |
| | 90 | B5 | | | | 24 | 27.3 | 8 |
| | 100 | B5 | 180 | 215 | 250 | 28 | 31.3 | 8 |
| | 100 | B14 | 110 | 130 | 160 | 28 | 31.3 | 8 |
| | 112 | B5 | 180 | 215 | 250 | 28 | 31.3 | 8 |
| Box 90 | 80 | B5 | 130 | 165 | 200 | 19 | 21.8 | 6 |
| | 90 | B5 | | | | 24 | 27.3 | 8 |
| | 100 | B14 | 110 | 130 | 160 | 28 | 31.3 | 8 |
| | 100 | B5 | 180 | 215 | 250 | 28 | 31.3 | 8 |
| | 112 | B5 | | | | | | |
| Box 110 | 90 | B5 | 130 | 165 | 200 | 24 | 27.3 | 8 |
| | 100 | B5 | 180 | 215 | 250 | 28 | 31.3 | 8 |
| | 112 | B5 | | | | | | |
| | 132 | B5 | 230 | 265 | 300 | 38 | 41.3 | 10 |
| Box 130 | 90 | B5 | 130 | 165 | 200 | 24 | 27.3 | 8 |
| | 110/112 | B5 | 180 | 215 | 250 | 28 | 31.3 | 8 |
| | 132 | B5 | 230 | 265 | 300 | 38 | 41.3 | 10 |
| Box 150 | 110/112 | B5 | 180 | 215 | 250 | 28 | 31.3 | 8 |
| | 132 | B5 | 230 | 265 | 300 | 38 | 41.3 | 10 |
| | 160 | B5 | 250 | 300 | 350 | 42 | 45 | 12 |

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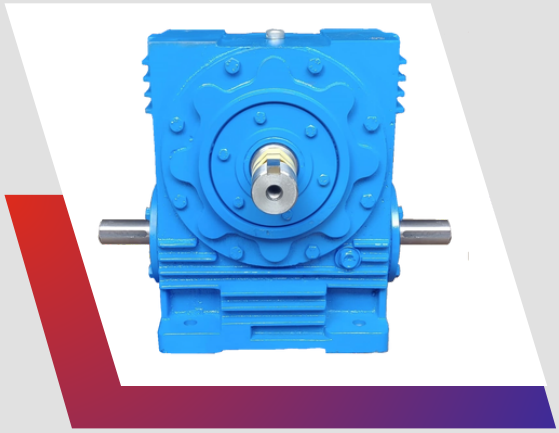
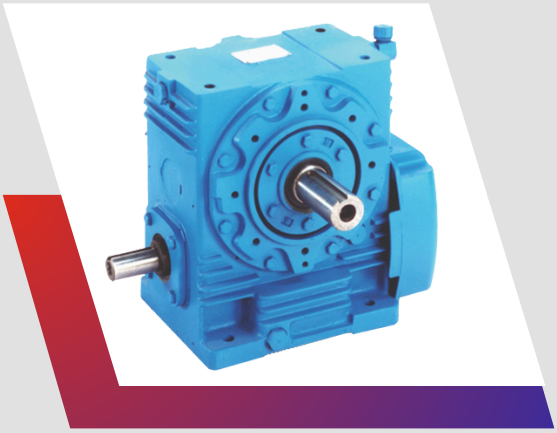
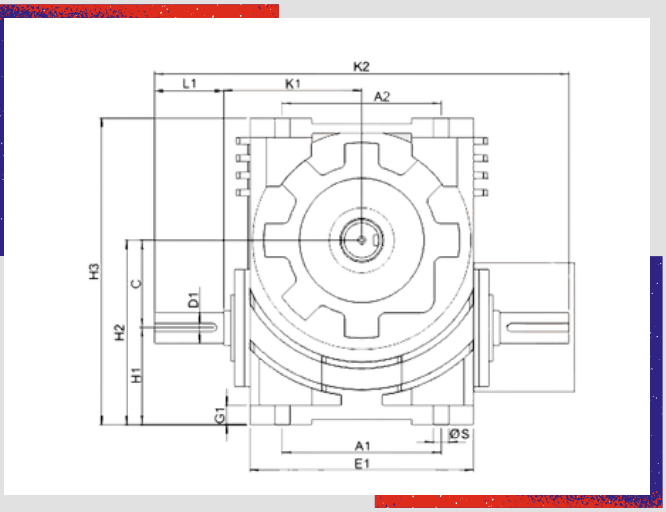
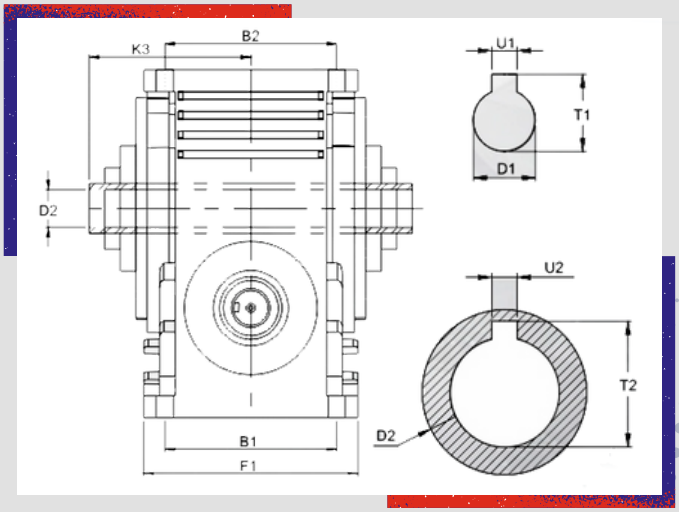
# NU REDUCTION WORM GEAR BOX








| Size | Horizontal Mounting | | | | | | | | Vertical Flange | | | | Clearance Dimensions | | | | | | | Shaft and Dimensions | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A1 | B1 | E1 | F1 | G1 | S | A2 | B2 | A3 | B3 | G2 | M | C | H1 | H3 | K1 | K2 | K3 | K4 | D1 | U1 | T1 | L1 | D2 | U2 | T2 |
| NU-2 | 95 | 100 | 142 | 127 | 14 | 11 | 95 | 100 | 150 | 120 | 14 | 11 | 50.8 | 70 | 203.8 | 89 | 266 | 72 | 89 | 16 | 5 | 18 | 44 | 25 | 8 | 28.3 |
| NU-2.25 | 105 | 105 | 147 | 132 | 4 | 11 | 105 | 105 | 150 | 120 | 14 | 11 | 57.15 | 70 | 212.15 | 92 | 284 | 77 | 95 | 22 | 6 | 25 | 50 | 30 | 8 | 33.3 |
| NU-2.5 | 115 | 110 | 162 | 137 | 14 | 11 | 115 | 110 | 165 | 135 | 14 | 11 | 63.5 | 70 | 222 | 100 | 300 | 80 | 95 | 22 | 6 | 25 | 50 | 35 | 8 | 33.3 |
| NU-3 | 140 | 160 | 182 | 192 | 20 | 14 | 140 | 160 | 240 | 200 | 16 | 14 | 76.2 | 102 | 283.3 | 111 | 322 | 100 | 125 | 25 | 8 | 28 | 50 | 40 | 10 | 44 |
| NU-3.5 | 155 | 160 | 220 | 200 | 22 | 16 | 160 | 90 | 260 | 220 | 18 | 16 | 88.9 | 105 | 305 | 135 | 400 | 105 | 130 | 30 | 8 | 33 | 65 | 40 | 10 | 44 |
| NU-4 | 180 | 160 | 250 | 200 | 25 | 18 | 200 | 100 | 280 | 235 | 20 | 18 | 101.6 | 108 | 325 | 150 | 430 | 112 | 144 | 32 | 10 | 36 | 65 | 42 | 12 | 46 |
| NU-5 | 220 | 200 | 295 | 252 | 30 | 18 | 240 | 130 | 320 | 260 | 22 | 18 | 127 | 118 | 385 | 172 | 484 | 144 | 169 | 35 | 10 | 39 | 70 | 45 | 14 | 49 |
| NU-6 | 266 | 241 | 302 | 302 | 32 | 23 | 280 | 150 | 340 | 270 | 30 | 20 | 152.4 | 127 | 450 | 204 | 558 | 154 | 195 | 38 | 10 | 42 | 70 | 50 | 14 | 54 |
| NU-7 | 306 | 266 | 410 | 340 | 36 | 23 | 320 | 150 | 400 | 320 | 40 | 20 | 177.8 | 146 | 524 | 229 | 622 | 166 | 183 | 40 | 12 | 45 | 82 | 60 | 18 | 65 |
| NU-8 | 343 | 266 | 451 | 340 | 40 | 27 | 340 | 160 | 440 | 360 | 40 | 24 | 203.2 | 146 | 574.2 | 260 | 684 | 172 | 220 | 45 | 14 | 50 | 88 | 70 | 20 | 75 |
| NU-9 | 390 | 282 | 490 | 344 | 40 | 27 | 386 | 180 | 490 | 410 | 40 | 24 | 228.6 | 154 | 635 | 280 | 750 | 180 | 240 | 50 | 14 | 55 | 95 | 80 | 20 | 86 |
| NU-10.5 | 432 | 330 | 590 | 430 | 50 | 33 | 440 | 220 | 560 | 480 | 40 | 30 | 266.7 | 172 | 720 | 335 | 900 | 208 | 260 | 60 | 18 | 67 | 115 | 90 | 28 | 96.5 |

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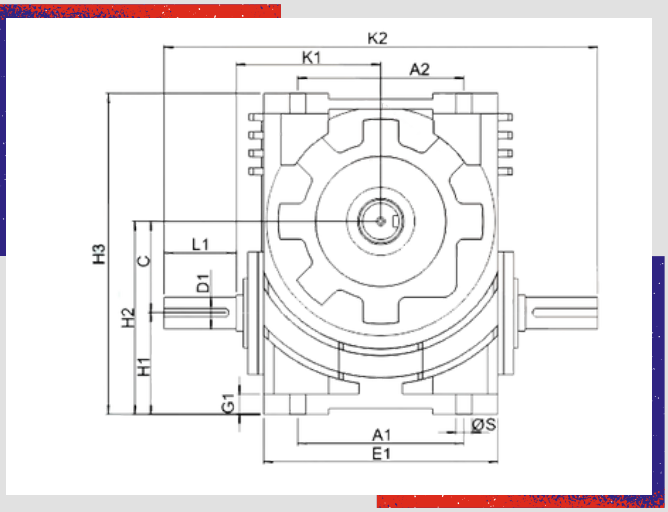
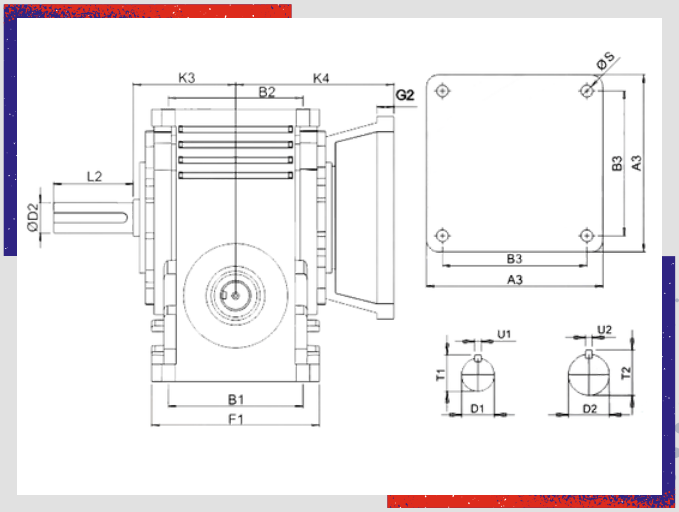
# NU REDUCXTION WORM GEAR UNITS




| Size | Horizontal Mounting | | | | | | | | Vertical Flange | | | | Clearance Dimensions | | | | | | | Shaft and Dimensions | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A1 | B1 | E1 | F1 | G1 | S | A2 | B2 | A3 | B3 | G2 | M | C | H1 | H3 | K1 | K2 | K3 | K4 | D1 | U1 | T1 | L1 | D2 | U2 | T2 | L2 |
| NU-2 | 95 | 100 | 142 | 127 | 14 | 11 | 95 | 100 | 150 | 120 | 14 | 11 | 50.8 | 70 | 203.8 | 89 | 266 | 72 | 89 | 16 | 5 | 18 | 44 | 25 | 8 | 28 | 55 |
| NU-2.25 | 105 | 105 | 147 | 132 | 4 | 11 | 105 | 105 | 150 | 120 | 14 | 11 | 57.15 | 70 | 212.15 | 92 | 284 | 77 | 95 | 22 | 6 | 25 | 50 | 25 | 8 | 28 | 60 |
| NU-2.5 | 115 | 110 | 162 | 137 | 14 | 11 | 115 | 110 | 165 | 135 | 14 | 11 | 63.5 | 70 | 222 | 100 | 300 | 80 | 95 | 22 | 6 | 25 | 50 | 25 | 8 | 28 | 65 |
| NU-3 | 140 | 160 | 182 | 192 | 20 | 14 | 140 | 160 | 240 | 200 | 16 | 14 | 76.2 | 102 | 287.3 | 111 | 322 | 100 | 125 | 25 | 8 | 28 | 50 | 38 | 10 | 41 | 75 |
| NU-3.5 | 155 | 160 | 220 | 200 | 22 | 16 | 160 | 90 | 260 | 220 | 18 | 16 | 88.9 | 105 | 305 | 135 | 400 | 105 | 130 | 25 | 8 | 33 | 65 | 38 | 10 | 41 | 90 |
| NU-4 | 180 | 160 | 250 | 200 | 25 | 18 | 200 | 100 | 280 | 235 | 20 | 18 | 101.6 | 108 | 325 | 150 | 430 | 112 | 144 | 32 | 10 | 36 | 65 | 45 | 14 | 48.5 | 90 |
| NU-5 | 220 | 200 | 295 | 252 | 30 | 18 | 240 | 130 | 320 | 260 | 22 | 18 | 127 | 118 | 385 | 172 | 484 | 144 | 169 | 35 | 10 | 39 | 70 | 50 | 14 | 53.5 | 100 |
| NU-6 | 266 | 241 | 302 | 302 | 32 | 23 | 280 | 150 | 340 | 270 | 30 | 20 | 152.4 | 127 | 450 | 204 | 558 | 154 | 195 | 38 | 10 | 42 | 70 | 58 | 16 | 62 | 144 |
| NU-7 | 306 | 266 | 410 | 340 | 36 | 23 | 320 | 150 | 400 | 320 | 40 | 20 | 177.8 | 146 | 524 | 229 | 622 | 166 | 183 | 40 | 12 | 45 | 82 | 65 | 18 | 70 | 120 |
| NU-8 | 343 | 266 | 451 | 340 | 40 | 27 | 340 | 160 | 440 | 360 | 40 | 24 | 203.2 | 146 | 574.2 | 260 | 684 | 172 | 220 | 45 | 14 | 50 | 88 | 70 | 20 | 77 | 140 |
| NU-9 | 390 | 282 | 490 | 344 | 40 | 27 | 386 | 180 | 490 | 410 | 40 | 24 | 228.6 | 154 | 635 | 280 | 750 | 180 | 240 | 50 | 14 | 55 | 95 | 75 | 20 | 82 | 145 |
| NU-10.5 | 432 | 330 | 590 | 430 | 50 | 33 | 440 | 220 | 560 | 480 | 40 | 30 | 266.7 | 172 | 720 | 335 | 900 | 208 | 260 | 60 | 18 | 67 | 115 | 80 | 22 | 88 | 150 |

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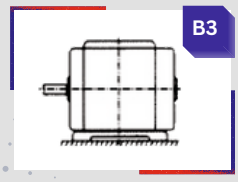
# APPLICATIONS

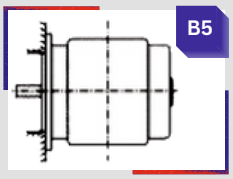
- Paper Machinery
- Compressor
- Crusher
- Machine Tools
- Textile Machinery
- Ginning
- Fan / HVAC
- Material Handling
- Chemical Machinery
- Pharma Machinery
- Pump Machinery
- Packaging Machinery
- Food Processing Machinery
- Crane / Heavy Duty

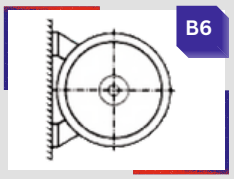
AC Brake Motor

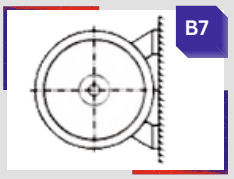
DC Brake Motor

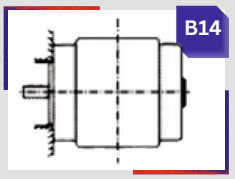
## Mounting Option

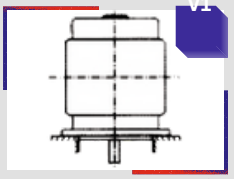


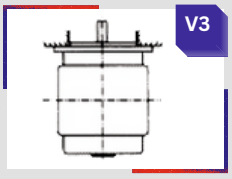



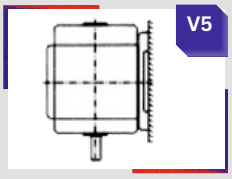



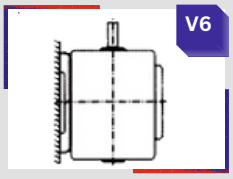



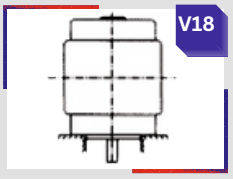



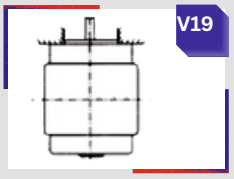




## Performance Chart

**3000RPM/2POLE**

| RATED OUTPUT | | | RATED CURRENT | RATED SPEED |
|---|---|---|---|---|
| K.W. | H.P. | FRAME | A | RPM |
| 0.09 | 0.125 | 56 | 0.37 | 2720 |
| 0.12 | 0.16 | 56 | 0.47 | 2720 |
| 0.18 | 0.25 | 63 | 0.55 | 2725 |
| 0.25 | 0.33 | 63 | 0.74 | 2700 |
| 0.37 | 0.5 | 71 | 1 | 2780 |
| 0.55 | 0.75 | 71 | 1.35 | 2800 |
| 0.75 | 1 | 80 | 1.7 | 2810 |
| 1.1 | 1.5 | 80 | 2.5 | 2820 |
| 1.5 | 2 | 90S | 3.3 | 2800 |
| 2.2 | 3 | 90L | 4.6 | 2825 |
| 3.7 | 5 | 100L | 7.3 | 2865 |
| 5.5 | 7.5 | 112M | 10.7 | 2900 |
| 7.5 | 10 | 132S | 14.5 | 2900 |
| 9.3 | 12.5 | 132M | 17.7 | 2900 |
| 11 | 15 | 160M | 21 | 2900 |
| 15 | 20 | 160M | 27.3 | 2900 |
| 18.5 | 25 | 160L | 33.5 | 2910 |
| 22 | 30 | 180L | 40 | 2850 |

**1500RPM/4POLE**

| RATED OUTPUT | | | RATED CURRENT | RATED SPEED |
|---|---|---|---|---|
| K.W. | H.P. | FRAME | A | RPM |
| 0.09 | 0.125 | 56 | 0.35 | 1370 |
| 0.12 | 0.16 | 56 | 0.45 | 1370 |
| 0.18 | 0.25 | 63 | 0.6 | 1375 |
| 0.25 | 0.33 | 71 | 0.8 | 1390 |
| 0.37 | 0.5 | 71 | 1.1 | 1375 |
| 0.55 | 0.75 | 80 | 1.65 | 1400 |
| 0.75 | 1 | 80 | 1.95 | 1400 |
| 1.1 | 1.5 | 90S | 2.65 | 1400 |
| 1.5 | 2 | 90L | 3.6 | 1400 |
| 2.2 | 3 | 100L | 4.6 | 1415 |
| 3.7 | 5 | 112M | 7.5 | 1430 |
| 5.5 | 7.5 | 132S | 11.1 | 1440 |
| 7.5 | 10 | 132M | 14.8 | 1450 |
| 9.3 | 12.5 | 160M | 18 | 1450 |
| 11 | 15 | 160M | 24 | 1450 |
| 15 | 20 | 160L | 29.5 | 1455 |
| 18.5 | 25 | 180M | 35 | 1455 |
| 22 | 30 | 180L | 42 | 1455 |

**100RPM/6POLE**

| RATED OUTPUT | | | RATED CURRENT | RATED SPEED |
|---|---|---|---|---|
| K.W. | H.P | FRAME | A | RPM |
| 0.18 | 0.25 | 71 | 0.77 | 900 |
| 0.25 | 0.33 | 80 | 1.05 | 900 |
| 0.37 | 0.5 | 80 | 1.2 | 905 |
| 0.55 | 0.75 | 80 | 1.5 | 910 |
| 0.75 | 1 | 90S | 2.1 | 920 |
| 1.1 | 1.5 | 90L | 2.95 | 920 |
| 1.5 | 2 | 100L | 3.85 | 930 |
| 2.2 | 3 | 112M | 5.25 | 935 |
| 3.7 | 5 | 132S | 8.1 | 940 |
| 5.5 | 7.5 | 132M | 12.5 | 950 |
| 7.5 | 10 | 160M | 16 | 960 |
| 9.3 | 12.5 | 160L | 19 | 960 |
| 11 | 15 | 160L | 22.8 | 960 |
| 15 | 20 | 180L | 27.5 | 970 |

**750RPM/8POLE**

| RATED OUTPUT | | | RATED CURRENT | RATED SPEED |
|---|---|---|---|---|
| K.W. | H.P | FRAME | A | RPM |
| 0.18 | 0.25 | 80 | 0.9 | 665 |
| 0.25 | 0.33 | 80 | 1.1 | 650 |
| 0.37 | 0.5 | 90S | 1.35 | 650 |
| 0.55 | 0.75 | 90L | 2.25 | 670 |
| 0.75 | 1 | 100L | 2.6 | 700 |
| 1.1 | 1.5 | 100L | 3.5 | 700 |
| 1.5 | 2 | 112 | 3.9 | 705 |
| 2.2 | 3 | 132S | 5.2 | 710 |
| 3.7 | 5 | 160M | 8.5 | 700 |
| 5.5 | 7.5 | 160M | 12.3 | 710 |
| 7.5 | 10 | 160L | 16.1 | 710 |
| 9.3 | 12.5 | 180M | 19 | 720 |
| 11 | 15 | 180L | 23.1 | 725 |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