



Motorized Pulley 800M, 800H, & 800HD Ø 31.50 in. (800 mm)

Our 31.50" diameter Motorized Pulley range offers two different performance levels for BULK applications:

- M for Medium duty
- H for Heavy duty

It is important to note the product differences and choose the appropriate pulley based on estimated belt tension (radial load.) See page 82. The actual radial load must be less than the maximum allowable radial load shown in this catalog.

Be aware of increased belt tensions required to drive multi-ply thick heavy belts and/or larger belt widths.

If the 800M is not strong enough to resist estimated belt tension, then select 800H.

M for Medium duty

A solid 2-stage gearbox enables the 800M to handle irregular loadings in harsh operating conditions. 800M uses motor and gearbox from 630H. Note that 800M outer dimensions do not match 800H

H for Heavy duty

800H has stronger internal components with gearbox, shaft, and bearings designed for tough, irregular, and extreme operating conditions.

STANDARD SPECIFICATION of Motorized Pulley

- Crowned mild steel 31.50" diameter steel shell painted yellow at a minimum thickness of 2.4 mils
- Bolted powder coated cast iron bearing housings and covers, all painted yellow at a minimum thickness of 2.4 mils
- Mild steel shafts
- Shaft sealing system - degree of protection IP66/67 (EN60034-5.) See page 37.
- Cast iron terminal box for painted yellow at min.thickness of 2.4 mils
- 3-phase induction motors with thermal protector
- Voltage: All common voltages available. Please specify.
- Motor winding insulation Class F
- Dynamically balanced rotor
- Two oil plugs each fitted with a magnet to filter the oil
- Yellow painted mounting brackets (AL & ALO) included with pulley
- Oil change recommended every 10,000 operational hours
- Minimum RL. Refer to pages 69-70
- Maximum RL - Please inquire
- Non standard RL's available
- To be used in horizontal positions ±5 degree only

Please note:

- **Noise-sensitive Areas:** High speed 2-pole motors can cause higher noise levels and are not recommended for noise-sensitive areas
- **Technical Precautions for Design, Installation, and Maintenance:** pages 80-90
- **Environmental Considerations:** pages 78-79
- **Optional Extras:** page 67
- **Electrical Connection Diagrams:** pages 94-101

SEMI-RUST-FREE options

TS11

- Polyurethane painted mild steel shell at minimum thickness of 4.7 mils
- Polyurethane painted cast iron end housings at min. thickness of 4.7 mils
- Stainless steel bearing covers with labyrinth grooves – AISI 304 range
- Nitrided shaft sleeves
- Zinc-plated oil plugs - each with magnet
- Zinc-plated exterior bolts
- Shaft sealing system – degree of protection P66/67 (EN60034-5) See pg 37.
- Polyurethane painted terminal box at minimum thickness of 4.7 mils
- Nickel plated mounting brackets with labyrinth grooves

TS12

- As TS11, but without regreasable seals.
- Covers - standard

Please note:

- FDA & USDA food grade recognized oil and grease are not included in TS11 & TS12, but available on request.

Please specify required TS number when ordering Stainless Steel options.



OPTIONAL EXTRAS

Motorized Pulley 800M, 800H, & 800HD

| Specification | Availability |
|---|--------------|
| Semi-rust-free option TS11 with regreasable labyrinth seals | x |
| Semi-rust-free option TS12 with standard seals | x |
| Regreasable labyrinth seals | x |
| Dust explosion proof Motorized Pulleys - ATEX 95 - Zone 22 - for applications handling of dusty grain etc. According to European Directive 94/9/EC. | x |
| Standard black rubber lagging (See pages 82-83.) | |
| 3/8" full smooth lagging - Hardness 60 ±5 Shore A | o |
| 3/8" full diamond lagging - Hardness 60 ±5 Shore A | o |
| 3/8" partial smooth lagging - Hardness 60 ±5 Shore A | o |
| White smooth rubber lagging (FDA listed) - Oil, fat & grease resistant | o |
| Special lagging - e.g. hot vulcanized, partial, and ceramic (See page 80.) | o |
| External brake shaft (for mechanical brake by others) | x |
| Mechanical backstop | |
| Min. RL = 37.40" for 800M | x |
| Min. RL = 45.28" for 800H ≤ 100 HP | x |
| Min. RL = 55.12" for 800H > 100 HP | x |
| Insulation class F with standard oil: (allowable ambient temperature: -13°F/+104°F) | Std. |
| Insulation class H with synthetic oil: (allowable ambient temperature: -13°F/+120°F) | x |
| Parallel shell | x |
| Thermal protection switch | Std. |
| Temperature monitoring device (PT100 RTD or PTC) | x |
| Thermal protection switch and temperature monitoring device (PT100 RTD or PTC) | x |
| Voltage: Single voltage (460) stator (Y winding) wired for 460v/3ph/60 Hz at terminal box | Std. |
| IP66/67 Standard yellow powder coated cast iron terminal box | Std. |
| Special voltage motors | x |
| Special zinc-rich epoxy paint | x |
| CSA approved motors | x |

x = Optional extras

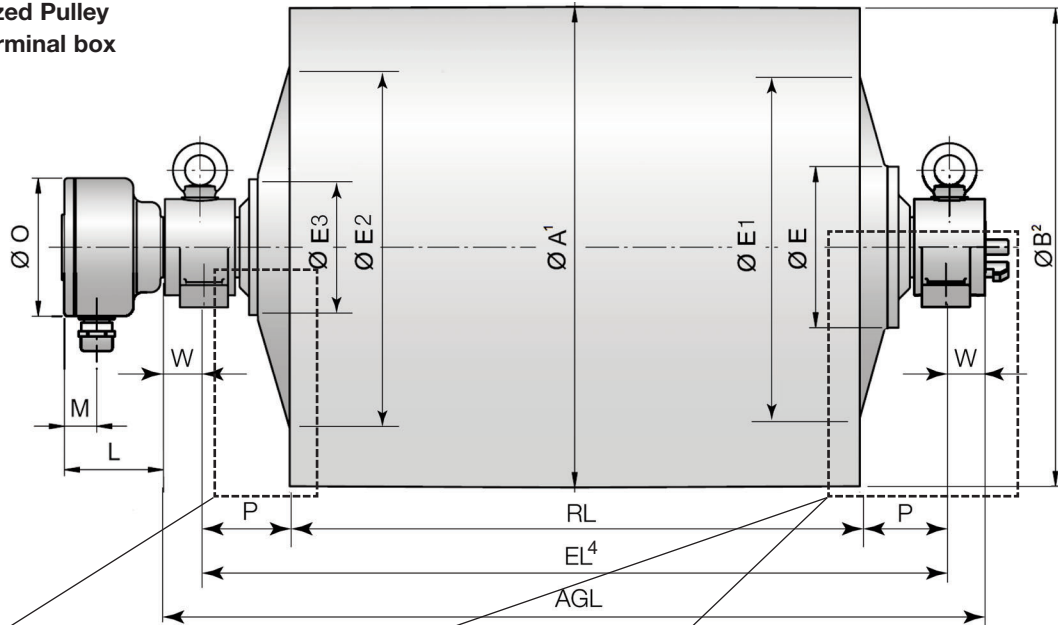
o = An option with certain limitations. Please refer to Technical precautions pages 80-90.

Std. = Fitted as standard

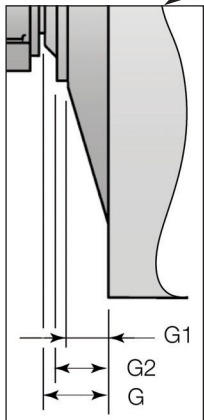


Motorized Pulley 800M, 800H, & 800HD Ø 31.50 in. (800 mm)

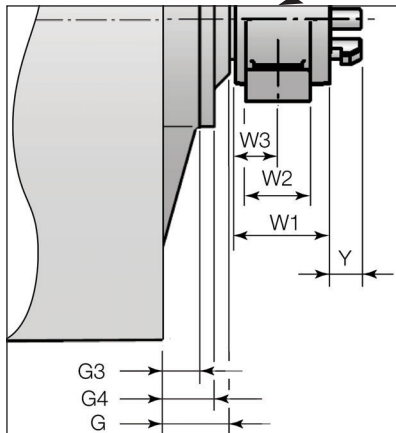
Motorized Pulley with terminal box



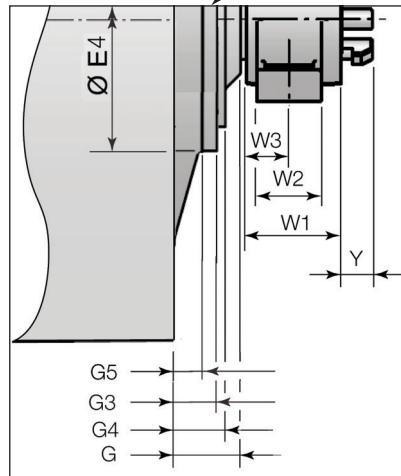
Optional external brake shaft



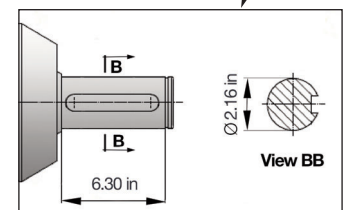
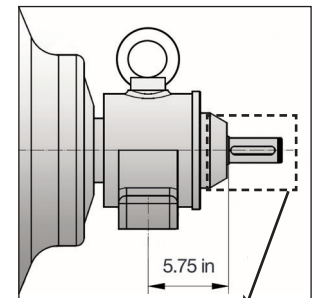
Models 800H and 800HD



Model 800H



Model 800HD



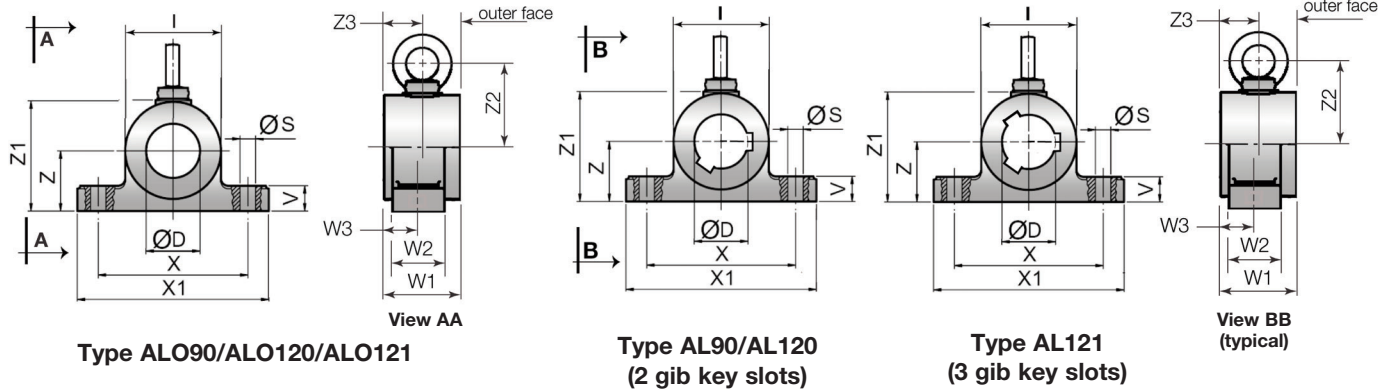
| Model | Dimensions ⁵ | | | | | | | | | | | | | | | | | | |
|-------|-------------------------|-------|-------------------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|------|------|-------|------|------|
| | A in | B in | D ³ in | E in | E1 in | E2 in | E3 in | E4 in | G in | G1 in | G2 in | G3 in | G4 in | G5 in | L in | M in | O in | P in | Y in |
| 800M | 31.50 | 31.34 | 3.54 | 10.55 | 24.02 | 24.41 | 8.90 | n/a | 3.58 | 2.13 | 2.68 | 1.81 | 2.56 | n/a | 6.50 | 2.13 | 9.06 | 5.91 | 2.0 |
| 800H | 31.50 | 31.34 | 4.72 | 12.99 | 26.77 | 26.77 | 12.99 | n/a | 3.35 | 1.61 | 2.32 | 1.61 | 2.32 | n/a | 7.87 | 2.44 | 10.24 | 5.91 | 2.5 |
| 800HD | 31.50 | 31.34 | 4.72 | 12.99 | 26.77 | 26.77 | 12.99 | 16.46 | 3.35 | 1.61 | 2.32 | 1.93 | 2.32 | 0.75 | 7.87 | 2.44 | 12.24 | 5.91 | 2.5 |

- 1 A dimension is outer diameter of unlagged pulley shell at pulley centerline.
- 2 B dimension is outer diameter of unlagged pulley shell at each end of shell.
- 3 D dimension is shaft diameter.
- 4 EL = mounting centers
- 5 Dimensions E, E1, E2, E3, E4, G, and G3 may vary +/- 0.25 in because they do not refer to machined parts. G dimension does not apply to lab seals (see pg 73).



Motorized Pulley 800M, 800H, & 800HD, Ø 31.50 in. (800 mm) 60 Hz

Mounting Brackets



| Motorized Pulleys Model | Material | Bracket Size | Dimensions | | | | | | | | | | | | | | Weight lbs |
|-------------------------|------------|--------------|------------|------|------|------|------|-------|-------|-------|-------|-------|------|-------|-------|-------|------------|
| | | | D in | I in | S in | V in | W in | W1 in | W2 in | W3 in | X in | X1 in | Z in | Z1 in | Z2 in | Z3 in | |
| 800M | Cast steel | AL90/ALO90 | 3.54 | 6.30 | 1.02 | 1.65 | 2.40 | 4.60 | 3.15 | 2.30 | 9.84 | 12.60 | 3.94 | 7.20 | 5.14 | 2.30 | 41.89 |
| 800H | Cast steel | AL120/ALO120 | 4.72 | 7.87 | 1.30 | 1.97 | 3.74 | 6.30 | 4.72 | 2.56 | 11.81 | 14.57 | 4.33 | 8.39 | 6.31 | 3.15 | 83.78 |
| 800HD | Cast steel | AL121/ALO121 | 4.72 | 7.87 | 1.30 | 1.97 | 3.74 | 6.30 | 4.72 | 2.56 | 11.81 | 14.57 | 4.33 | 8.39 | 6.31 | 3.15 | 83.78 |

| Motor | | No. Gear Stages | Model | Nominal belt speed ¹ at Full Load 60 Hz fpm | Actual belt speed ¹ at Full Load 60 Hz fpm | Belt Pull ² lbs | Max. Radial Load ³ T1 + T2 lbs | Min. RL in | RL Dimension inches (RL > 78.74" available on request) | | | | | | | | | | Type of Bracket | | | | |
|----------|--------------|-----------------|-------|--|---|----------------------------|---|------------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------|--|--|--|--|
| Power HP | No. of Poles | | | | | | | | Weight in lbs ⁵ | | | | | | | | | | | | | | |
| | | | | | | | | | | 37.40 | 39.37 | 41.34 | 43.31 | 45.28 | 47.24 | 49.21 | 51.18 | 53.15 | longer than 53.15 | | | | |
| 30 | 8 | 2 | 800M | 300 | 312 | 2966 | 16,500 | 37.40 | 2118 | 2150 | 2179 | 2211 | 2241 | 2266 | 2291 | 2323 | 2354 | | | | | | |
| | | | | 384 | 396 | 2333 | | | | | | | | | | | | | | | | | |
| | | | | 480 | 515 | 1797 | | | | | | | | | | | | | | | | | |
| | | | | 600 | 621 | 1489 | | | | | | | | | | | | | | | | | |
| | | | | 760 | 806 | 1148 | | | | | | | | | | | | | | | | | |
| 40 | 8 | 2 | 800M | 300 | 312 | 4045 | 22,000 | 37.40 | 2207 | 2239 | 2268 | 2300 | 2329 | 2354 | 2379 | 2411 | 2443 | | | | | | |
| | | | | 384 | 396 | 3182 | | | | | | | | | | | | | | | | | |
| | | | | 480 | 515 | 2451 | | | | | | | | | | | | | | | | | |
| | | | | 600 | 621 | 2030 | | | | | | | | | | | | | | | | | |
| | | | | 760 | 806 | 1565 | | | | | | | | | | | | | | | | | |
| 50 | 6 | 2 | 800M | 384 | 416 | 3741 | 22,000 | 37.40 | 2207 | 2239 | 2268 | 2300 | 2329 | 2354 | 2379 | 2411 | 2443 | | | | | | |
| | | | | 480 | 528 | 2944 | | | | | | | | | | | | | | | | | |
| | | | | 600 | 686 | 2267 | | | | | | | | | | | | | | | | | |
| | | | | 760 | 828 | 1877 | | | | | | | | | | | | | | | | | |
| | | | | 960 | 1075 | 1448 | | | | | | | | | | | | | | | | | |
| 61 | 4 | 2 | 800M | 600 | 614 | 3034 | 19,900 | 37.40 | 2251 | 2282 | 2312 | 2343 | 2373 | 2398 | 2423 | 2455 | 2486 | | | | | | |
| | | | | 760 | 786 | 2386 | | | | | | | | | | | | | | | | | |
| | | | | 960 | 983 | 1838 | | | | | | | | | | | | | | | | | |

1 Use "nominal belt speed" to specify pulley. "Actual belt speed" is presented (for pulley lagged with 3/8" thick rubber) to assist with process design calculations. See Technical Precautions page 81. Note that "actual belt speed" decreases when lagging is not used due to decreased pulley diameter.

2 Belt pull value allows for gearbox loss.

3 Pulley must not be subjected to radial load exceeding "Maximum radial load" defined above. See "Belt Tension" section in Technical Precautions, page 82.

4 Additional Motorized Pulley weight: Model 800M: 53.15" ≤ RL ≤ 78.74" Wt = 16.1 lbs/in; Model 800H & 800HD: 66.93" ≤ RL ≤ 78.74" Wt = 31.5 lbs/in.

5 Weights above include mounting brackets and are for pulleys "fully lagged" with 3/8" thick rubber. For "partially lagged" model 800M add 5% to 8% (for 800H add 3% to 4%) to the weights shown above. See pages 45, 82, & 83 for "partial lagging." To calculate unlagged pulley weight subtract 0.9 lbs/in of RL from above.

Rulmeca offers return, snub, and idler pulleys with dimensions to match our Motorized Pulleys on request.



Motorized Pulley 800M, 800H, & 800HD Ø 31.50 in. (800 mm)

| Motor | | No. Gear Stages | Model | Nominal belt speed ¹ at Full Load 60 Hz fpm | Actual belt speed ¹ at Full Load 60 Hz fpm | Belt Pull ² lbs | Max. Radial Load ³ T1 + T2 lbs | Min. RL in | RL Dimen. inches (RL>78.74" avail. on request) | | | | | | | | | Weight in lbs ⁵ longer than 70.87 | Type of Bracket | | |
|----------|--------------|-----------------|-------|--|---|----------------------------|---|------------|--|-------|-------|-------|-------|-------|-------|-------|-------|--|-----------------------|-----------------------|----------------|
| Power HP | No. of Poles | | | | | | | | 55.12 | 57.09 | 59.06 | 61.02 | 62.99 | 64.96 | 66.93 | 68.90 | 70.87 | | | | |
| 75 | 8 | 3 | 800HD | 240 | 248 | 9331 | 74,000 | 51.18 | 5323 | 5381 | 5439 | 5497 | 5555 | 5614 | 5672 | 5730 | 5788 | See Note ⁴ | AL121 & ALO121 | | |
| | 6 | | | 300 | 330 | 7013 | | | | | | | | | | | | | | | |
| | 8 | | | 384 | 380 | 6087 | | | | | | | | | | | | | | | |
| | 6 | 2 | 800H | 480 | 507 | 4565 | 45,000 | 45.28 | 4823 | 4881 | 4939 | 4997 | 5055 | 5114 | 5172 | 5230 | 5288 | | AL120 & ALO120 | | |
| | | | | 600 | 617 | 3749 | | | | | | | | | | | | | | | |
| | | | | 760 | 740 | 3124 | | | | | | | | | | | | | | | |
| 100 | 8 | 3 | 800HD | 240 | 248 | 12442 | 74,000 | 61.02 | - | - | - | 5497 | 5555 | 5614 | 5672 | 5730 | 5788 | See Note ⁴ | AL121 & ALO121 | | |
| | 6 | | | 300 | 330 | 9350 | | | | | | | | | | | | | | | |
| | 8 | | | 384 | 380 | 8300 | | | | | | | | | | | | | | | |
| | 6 | 2 | 800H | 480 | 507 | 6226 | 45,000 | 45.28 | 4823 | 4881 | 4939 | 4997 | 5055 | 5114 | 5172 | 5230 | 5288 | | AL120 & ALO120 | | |
| | | | | 600 | 617 | 5111 | | | | | | | | | | | | | | | |
| | | | | 760 | 740 | 4260 | | | | | | | | | | | | | | | |
| 122 | 6 | 3 | 800HD | 384 | 399 | 9434 | 74,000 | 61.02 | - | - | - | 5608 | 5666 | 5724 | 5782 | 5840 | 5898 | See Note ⁴ | AL121 & ALO121 | | |
| | 6 | | | 2 | 800H | 480 | | | | | | | | | | | | | 507 | 7470 | |
| | | | | | | 600 | | | | | | | | | | | | | 617 | 6134 | |
| | | 760 | 740 | | | 5111 | | | | | | | | | | | | | | | |
| | 150 | 6 | 3 | 800HD | 384 | 399 | 9434 | 74,000 | 61.02 | - | - | - | 5608 | 5666 | 5724 | 5782 | 5840 | | 5898 | See Note ⁴ | AL121 & ALO121 |
| | | 4 | | | 2 | 800H | 480 | | | | | | | | | | | | | | 495 |
| 600 | | | | | | | 654 | | | | | | | | | | | 7039 | | | |
| 760 | | | 760 | 6087 | | | | | | | | | | | | | | | | | |
| 180 | | 4 | 3 | 800HD | 480 | 495 | 11160 | 74,000 | 61.02 | - | - | - | 5641 | 5699 | 5757 | 5815 | 5873 | 5931 | See Note ⁴ | | AL121 & ALO121 |
| | | 4 | | | 2 | 800H | 600 | | | | | | | | | | | | | | 654 |
| | 760 | | | | | | 760 | | | | | | | | | | | | | 7304 | |
| | 960 | | 926 | 5997 | | | | | | | | | | | | | | | | | |
| | 180 | 4 | 3 | 800HD | 480 | 495 | 11160 | 74,000 | 61.02 | - | - | - | 5641 | 5699 | 5757 | 5815 | 5873 | 5931 | | See Note ⁴ | AL121 & ALO121 |
| | | 4 | | | 2 | 800H | 600 | | | | | | | | | | | | | | 654 |
| 760 | | | | | | | 760 | | | | | | | | | | | | 7304 | | |
| 960 | | | 926 | 5997 | | | | | | | | | | | | | | | | | |
| 180 | | 4 | 3 | 800HD | 480 | 495 | 11160 | 74,000 | 61.02 | - | - | - | 5641 | 5699 | 5757 | 5815 | 5873 | 5931 | See Note ⁴ | | AL121 & ALO121 |
| | | 4 | | | 2 | 800H | 600 | | | | | | | | | | | | | | 654 |
| | 760 | | | | | | 760 | | | | | | | | | | | | | 7304 | |
| | 960 | | 926 | 5997 | | | | | | | | | | | | | | | | | |
| | 180 | 4 | 3 | 800HD | 480 | 495 | 11160 | 74,000 | 61.02 | - | - | - | 5641 | 5699 | 5757 | 5815 | 5873 | 5931 | | See Note ⁴ | AL121 & ALO121 |
| | | 4 | | | 2 | 800H | 600 | | | | | | | | | | | | | | 654 |
| 760 | | | | | | | 760 | | | | | | | | | | | | 7304 | | |
| 960 | | | 926 | 5997 | | | | | | | | | | | | | | | | | |
| 180 | | 4 | 3 | 800HD | 480 | 495 | 11160 | 74,000 | 61.02 | - | - | - | 5641 | 5699 | 5757 | 5815 | 5873 | 5931 | See Note ⁴ | | AL121 & ALO121 |
| | | 4 | | | 2 | 800H | 600 | | | | | | | | | | | | | | 654 |
| | 760 | | | | | | 760 | | | | | | | | | | | | | 7304 | |
| | 960 | | 926 | 5997 | | | | | | | | | | | | | | | | | |

- Use "nominal belt speed" to specify pulley. "Actual belt speed" is presented (for pulley lagged with 3/8" thick rubber) to assist with process design calculations. See Technical Precautions page 81. Note that "actual belt speed" decreases when lagging is not used due to decreased pulley diameter.
- Belt pull value allows for gearbox loss.
- Pulley must not be subjected to radial load exceeding "Maximum radial load" defined above. See "Belt Tension" section in Technical Precautions, page 82.
- Additional Motorized Pulley weight: Model 800M: 53.15" ≤ RL ≤ 78.74" Wt = 16.1 lbs/in; Model 800H & 800HD: 66.93" ≤ RL ≤ 78.74" Wt = 31.5 lbs/in.
- Weights above include mounting brackets and are for pulleys "fully lagged" with 3/8" thick rubber. For "partially lagged" model 800M add 5% to 8% (for 800H add 3% to 4%) to the weights shown above. See pages 45, 82, & 83 for "partial lagging." To calculate unlagged pulley weight subtract 0.9 lbs/in of RL from above.

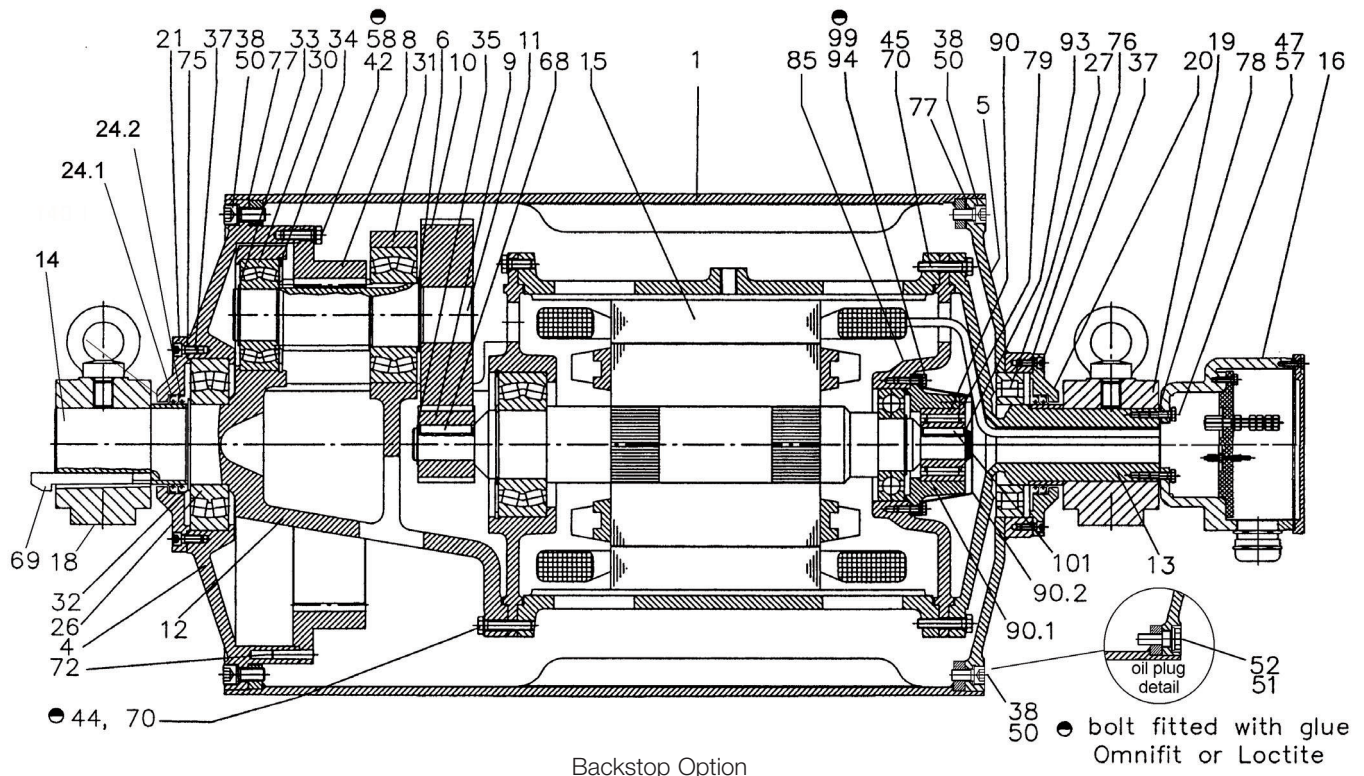
Rulmeca offers return, snub, and idler pulleys with dimensions to match our Motorized Pulleys on request.



Motorized Pulley 800M & 800H 31.50 in. (800mm)

Spare parts list and sectional drawings

| Pos. | Description | Pos. | Description | Pos. | Description |
|------|-------------------------------------|------|-----------------------------------|------|---------------------------------|
| 1 | Shell | 24.3 | Shaft oil seal inner (lab option) | 75 | Gasket |
| 4 | End housing with geared rim | 24.4 | Shaft oil seal outer (lab option) | 76 | Gasket |
| 5 | End housing | 26 | Bearing | 77 | Gasket |
| 6 | Distance washer | 27 | Bearing | 78 | Gasket |
| 8 | Geared rim | 30 | Bearing | 79 | Holding plate |
| 9 | Rotor pinion | 31 | Bearing | 85 | Motor flange for backstop/brake |
| 10 | Input wheel | 32 | Retaining ring | 90 | Backstop |
| 11 | Output pinion | 33 | Retaining ring | 90.1 | Backstop housing |
| 12 | Gear box including rear shaft | 34 | Retaining ring | 90.2 | Backstop cover |
| 13 | Front shaft | 35 | Retaining ring | 93 | Retaining ring |
| 14 | Rear shaft | 37 | Hexagon socket screw | 94 | Hexagon head screw |
| 15 | Stator complete | 38 | Hexagon socket screw | 99 | Spring washer |
| 15.1 | Rotor | 42 | Hexagon head screw | 101 | Key |
| 16 | Terminal box complete | 44 | Hexagon head screw | 123 | Grease nipple |
| 17 | Nipple (for 500H/630M only) | 45 | Hexagon head screw | 130 | Brake shaft |
| 18 | Mounting bracket rear side | 47 | Hexagon head screw | 131 | Mounting bracket bearing cover |
| 18.1 | Mtg bracket rear side (lab option) | 50 | Washer | 132 | Roller bearing |
| 19 | Mounting bracket front side | 51 | Gasket | 133 | Brake shaft seal |
| 19.1 | Mtg bracket front side (lab option) | 52 | Magnetic oil plug | 134 | Brake shaft seal |
| 20 | Cover - front side | 57 | Washer | 135 | Retaining ring |
| 20.1 | Cover with labyrinth groove | 58 | Spring washer | 136 | Bolts - bearing cover |
| 21 | Cover - rear side | 68 | Key | 137 | Spring lock washer |
| 22.1 | Cover with labyrinth groove | 69 | Gib key | 138 | Key |
| 23 | Rear flange | 70 | Waved spring washer | 139 | Retaining ring |
| 24.1 | Shaft oil seal outer | 72 | Grooved pin | 140 | Key |
| 24.2 | Shaft oil seal inner | 73 | Set screw | | |

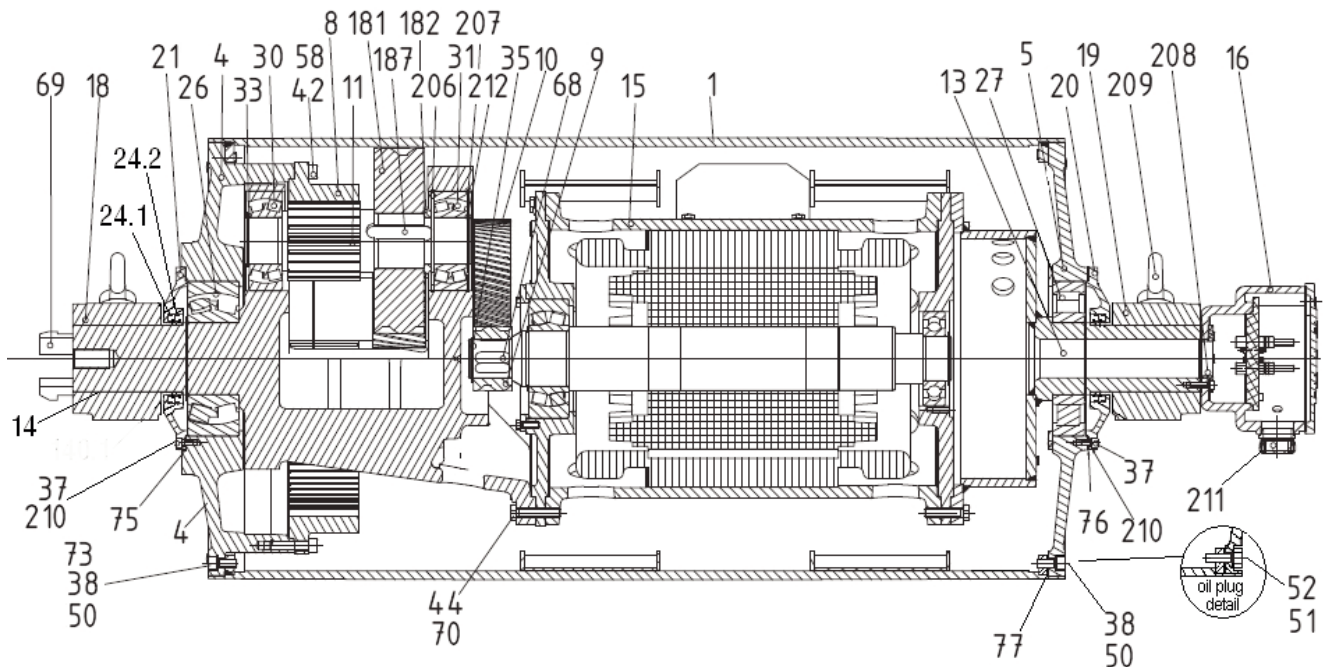
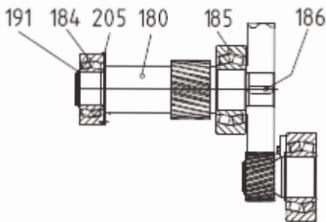




Motorized Pulley 800HD 31.50 in. (800mm)

Spare parts list and sectional drawings

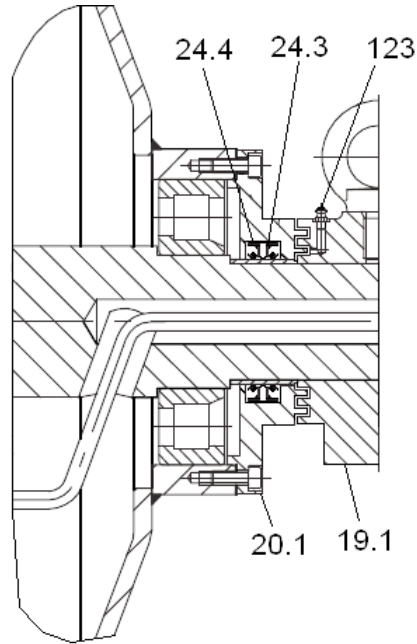
| Pos. | Description | Pos. | Description | Pos. | Description |
|------|--|------|-----------------------------------|------|--------------------------------|
| 1 | Shell | 24.1 | Shaft oil seal outer | 131 | Mounting bracket bearing cover |
| 4 | End housing with geared rim | 24.2 | Shaft oil seal inner | 132 | Roller bearing |
| 5 | End housing | 24.3 | Shaft oil seal inner (lab option) | 133 | Brake shaft seal |
| 6 | Distance washer | 24.4 | Shaft oil seal outer (lab option) | 134 | Brake shaft seal |
| 8 | Geared rim | 26 | Bearing | 135 | Retaining ring |
| 9 | Rotor pinion | 27 | Bearing | 136 | Bolts – bearing cover |
| 10 | Input wheel | 28 | Bearing | 137 | Spring lock washer |
| 11 | Output pinion | 30 | Bearing | 138 | Key |
| 12 | Gear box – cast steel | 31 | Bearing | 139 | Retaining ring |
| 13 | Front shaft | 32 | Retaining ring | 140 | Key |
| 14 | Rear haft | 33 | Retaining ring | 188 | Retaining ring |
| 15 | Stator complete | 34 | Retaining ring | 189 | Retaining ring |
| 16 | Terminal box complete | 35 | Retaining ring | 190 | Retaining ring |
| 18 | Mounting bracket rear side | 37 | Hexagon socket screw | 180 | Intermediate pinion shaft |
| 18.1 | Mounting bracket rear side (lab option) | 38 | Hexagon socket screw | 181 | Intermediate pinion |
| 19 | Mounting bracket front side | 42 | Hexagon head screw | 182 | Distance bushing |
| 19.1 | Mounting bracket front side (lab option) | 44 | Hexagon head screw | 183 | Washer |
| 20 | Cover – front side | 45 | Hexagon head screw | 184 | Roller bearing |
| 20.1 | Cover with labyrinth groove | 47 | Hexagon head screw | 185 | Roller bearing |
| 21 | Cover – rear side | 50 | Washer | 187 | Key |
| 21.1 | Cover with labyrinth groove | 51 | Gasket | 191 | Retaining ring |
| | Intermediate stage | 52 | Magnetic oil plug | 192 | Retaining ring |
| | | 58 | Spring washer | 193 | Distance washer |
| | | 68 | key | 194 | Set screw |
| | | 69 | Gib key | 195 | Prevailing torque type hex nut |
| | | 70 | Waved spring washer | 196 | Key |
| | | 72 | Grooved pin | 197 | Retaining ring |
| | | 73 | Set screw | 205 | Retaining ring |
| | | 75 | Gasket | 206 | Retaining ring |
| | | 76 | Gasket | 207 | Retaining ring |
| | | 77 | Gasket | 208 | Protective ring |
| | | 78 | Gasket | 209 | Eye bolt |
| | | 85 | Motor flange for backstop | 210 | Washer |
| | | 90 | Backstop complete | 211 | Cable gland |
| | | 123 | Grease nipple | 212 | Retaining ring |
| | | 130 | Brake shaft | 220 | Insulation plate |





Motorized Pulley 800M, 800H, & 800HD Ø 31.50 in. (800mm) Sectional drawings

Labyrinth Seal Option



External Brake Shaft Option

