

Motorized Pulley 400L, 400M & 400H, Ø 15.91 in. (404 mm)

Our 15.91" diameter Motorized Pulley range offers three different performance levels for BULK applications:

- L for Light duty
- 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 78. 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 15.91" diameter model is not strong enough to resist estimated belt tension, then select 19.72" diameter model.

L for Light duty

400L is designed for regular and continuous operating conditions. It is advisable to rubber lag these pulleys to grip the belt and limit belt tension. A popular application is self-cleaning magnetic separators. 400L uses motor and gearbox from 320M.

M for Medium duty

400M is designed for tough and irregular operating conditions. 400M is typically used in heavy mobile crushing & screening applications as well as in crushed stone, ore, cement, steel, and fertilizer handling.

H for Heavy duty

A solid 3-stage gearbox enables the 400H to provide low speed at high torque and handle irregular loadings in harsh operating conditions.

STANDARD SPECIFICATION of Motorized Pulley

- Crowned mild steel 15.91" 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 treated w/anti-rust waxShaft sealing system degree of protec-
- tion IP66/67 (EN60034-5.) See pg 88.
- Powder coated aluminum terminal box for 400L
- Cast iron terminal box for 400M & 400H 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
- Oil change recommended every 10,000 operational hours
- Minimum RL. Refer to pages 43-44
- 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 2pole motors can cause higher noise levels and are not recommended for noisesensitive areas
- Technical Precautions for Design, Installation, and Maintenance: pages 76-86
- Environmental Considerations: pg 72
- Optional Extras: pg 41 and back cover
- Electrical Connection Diagrams: pages 94-96.

STAINLESS STEEL options

TS9N

- Stainless steel shell AISI 304 range
- Stainless steel shafts AISI 303/4 range
- Stainless steel covered bearing housings
 AISI 316 range
- Regreasable bearing covers with labyrinth grooves and labyrinth seals with grease nipples in stainless steel
 AISI 304 range

- Stainless steel oil plugs AISI 304 range one out of two with magnet
- Stainless steel exterior bolts AISI 304 range
- Shaft sealing system degree of protection IP66/67 (EN60034-5) See pg 88

TS10N

• As TS9, but without regreasable labyrinth seals

SEMI-RUST-FREE options

TS 11N

- Painted mild steel shell min. thickness of 4.7 mils
- Stainless steel shafts AISI 303/4 range
- Stainless steel covered cast iron bearing housing - AISI 316 range
- Regreasable bearing covers with labyrinth grooves and grease nipples in stainless steel - AISI 304 range
- Stainless steel oil plugs AISI 304 range
 one out of two with magnet
- Stainless steel exterior bolts AISI 304 range
- Shaft sealing system degree of protection IP66/67 (EN60034-5)
- Powder coated terminal box for 400L
- Painted terminal box min. thickness of 4.7 mils for 400M & 400H

TS12N

- As TS11N, but without regreasable seals.
- Covers standard

Other Stainless Options:

- FDA & USDA food grade recognized oil and grease are not included in TS9N -TS12N, but available on request
- Complete Motorized Pulleys in acid resistant stainless steel - AISI 316 range - available on request.
- Special mounting brackets available

Electrical connection options:

- Salt water resistant powder coated aluminum terminal box with zinc plated exterior bolts
- Stainless steel terminal box AISI 304 range (400L ≤ 5.5 HP only)
- Straight stainless steel connector with flying lead - AISI 304 range ≤ 5.5 HP only.

Please specify required TS-number when ordering Stainless Steel options..



OPTIONAL EXTRAS Motorized Pulley 400L, 400M & 400H

Specification Availability

| • | | |
|--|---------------------------|------|
| Total stainless steel option AISI 304 range TS9N with regre | easable labyrinth seals | Х |
| Total stainless steel option AISI 304 range TS10N with stand | dard seals | X |
| Semi-rust free option TS11N with regr | reasable labyrinth seals | X |
| Semi-rust free option TS12N with star | ndard seals | X |
| Regreasable labyrinth seals | | Х |
| Food grade oil & grease - FDA & USDA recognized | | X |
| Dust explosion proof Motorized Pulleys - ATEX 95 - Zone 22 - for applications hand | dling of dusty grain etc. | |
| According to European Directive 94/9/EC. | | X |
| Total acid resistant stainless steel option - AISI 316 range | | X |
| Black rubber lagging - Standard specifications (See page 80.) | | |
| 5/16" full diamond lagging - Hardness 60 ± 5 Shore A ≤ 15 HP | | 0 |
| 5/16" partial diamond lagging - Hardness 60 ±5 Shore A 20 HP | | 0 |
| White smooth rubber lagging (FDA listed) - Oil, fat & grease resistant | | 0 |
| Special lagging (e.g. hot vulcanized) | | 0 |
| Electromagnetic brake Min RL increases | , | X |
| · | s by 1.97" for 400L | X |
| Min. RL = 29.53 | | X |
| Min. RL = 31.50 |)" for 400H | Х |
| Modified for vertical mounting | | 0 |
| Modified for mounting between 5° and 90° | | 0 |
| 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) |) | Х |
| Special motors for applications with no belt contact | | 0 |
| Low noise drives for noise sensitive areas | | X |
| Parallel shell (i.e. no crown) | | X |
| Thermal protector | | Std. |
| IP66/67 Standard yellow powder coated aluminum terminal box | 400L | Std. |
| IP66/67 Optional gray powder coated aluminum terminal box (food grade approved | d) 400L | X |
| IP66/67 Standard yellow powder coated cast iron terminal box | 400M & 400H | Std. |
| Straight or elbow connector with standard power cord | ≤ 5.5 HP only | X |
| Straight connector with screened power cord (See page 86 for VFD precautions) | ≤ 5.5 HP only | X |
| Straight connector with power cord (Stainless steel in AISI 304 range) | ≤ 5.5 HP only | X |
| Voltage: ≤ 5.5 HP dual voltage (230/460) stator (YY/Y winding) wired for 460v/3ph/4 | 60 Hz at terminal box | Std. |
| ≤ 5.5 HP dual voltage (230/460) stator (YY/Y winding) wired for 230v/3ph/ | 60 Hz at terminal box | × |
| ≥ 7.5 HP single voltage (460) stator (Y winding) wired for 460v/3ph/60 Hz | at terminal box | Std |
| ≥ 7.5 HP single voltage (230) stator (YY winding) wired for 230v/3ph/60 Hz | | × |
| 2 speed motors | | X |
| Special voltage motors | | X |
| CSA approved motors | | Х |

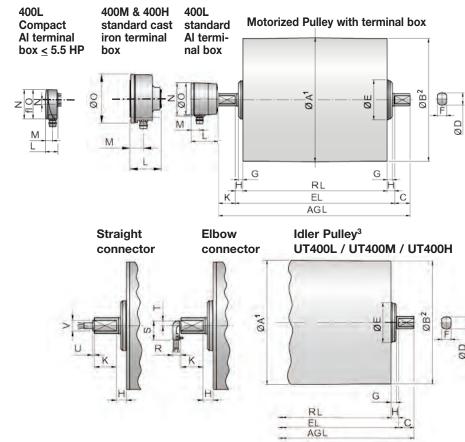
⁼ Optional extras

⁼ An option with certain limitations. Please refer to Technical precautions pages 76-86.

⁼ Fitted as standard



Motorized Pulley 400L, 400M & 400H, Ø 15.91 in. (404 mm)



| | Moto | , | | | | | | | | | | | | Compact terminal | | | | Strai | _ | Elbow | | |
|-----------------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------------------|------|------|------|----------|------|-----------|------|------|
| | | | | | | | | | | box | DOX | | | box ≤5.5 HP | | | | < 5.5 HP | | connector | | |
| | А | В | C | D | Е | F | G | Н | K | L | М | N | 0 | L | М | N | N1 | U | V | R | S | T |
| Model | in | in | in | in | in | in | in | in | in | in | in | in | in | in | in | in | in | in | in | in | in | in |
| 400L | 15.91 | 15.75 | 1.97 | 1.57 | 4.92 | 1.18 | 0.79 | 0.98 | 2.13 | 3.43 | 1.06 | 4.21 | 4.13 | 1.61 | 0.95 | 3.74 | 0.55 | 0.16 | 1.06 | 0.79 | 1.89 | 0.47 |
| 400M & 400H | 15.91 | 15.75 | 1.97 | 2.36 | 7.64 | 1.77 | 0.91 | 0.98 | 1.97 | 3.94 | 1.44 | _ | 6.14 | 3.94 | 1.44 | _ | _ | _ | _ | - | _ | _ |
| UT400L | 15.91 | 15.91 | 1.97 | 1.57 | 4.92 | 1.18 | 0.67 | 0.98 | _ | | | | - | | | | | | | | | |
| UT400M & UT400H | 15.91 | 15.91 | 1.97 | 2.36 | 6.61 | 1.77 | 0.79 | 0.98 | _ | | | | - | - | | | 7 | | X | - | Γ | |

- 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 Idler pulley shown is non-crowned TS9N/TS11N version with regreasable seals.

| | | | | | | | | | - | | | | | | | |
|----------------------|--------------------|-----------------|----------------|------|--------|------|------|------|------|-----------|------|------|-------|------|------|--------|
| Motorized Pulleys | Material | Bracket Size | Part Number | Dime | nsions | | | | - | | | | | | | Weight |
| | | | | D | F | I | K | S | Т | V | W1 | Χ | X1 | Z | Z1 | |
| Model | | | | in | in | in | in | in | in | in | in | in | in | in | in | lbs |
| | Steel painted | | 6YA0K | | | | | | | | | | | | | |
| 400L | Steel Ni plated | KL4-HD | 6YA0W | 1.57 | 1.18 | 3.31 | 2.44 | 0.55 | 0.79 | 0.87 | 1.57 | 4.33 | 7.48 | 1.97 | 3.27 | 4.63 |
| | Stainless steel | | 6YA0U | | | | | | | | | | | | | |
| 400M & | Steel painted | - KL60 | 6YA09 | 2.36 | 1.77 | 5.12 | 3.54 | 0.71 | 1.18 | 0.98 | 1.97 | 5.91 | 10.63 | 2.76 | 4.53 | 10.58 |
| 400H | Steel Ni plated | TILLOO | 6YA0D | 2.00 | 1.77 | 5.12 | 3.54 | 0.71 | 1.10 | 1.10 0.98 | 1.97 | 5.91 | 10.63 | 2.76 | 4.00 | 10.00 |



Motorized Pulley 400L, Ø 15.91 in. (404 mm) 60 Hz

| Мо | tor | | | Nominal belt | Actual belt | Belt | Max. | Min. | | RL [| Dimens | sion inc | | L>78.7 | | ailable | on req | uest) | | |
|-------------|--------------------|-----------------------|-------|---|---|---|---|-------|-------|-------|--------|----------|-----|--------|-----|---------|--------|-------|----------------------------|-----------------------|
| Power HP | No. of Poles | No. Gear Stages | Model | speed¹ at Full Load 60 Hz fpm | speed¹ at Full Load 60 Hz fpm | Pull ² | Radial Load ³ T1 + T2 lbs | RL | 19.69 | 21.65 | 23.62 | 25.59 | | | | 33.46 | 35.43 | 37.40 | longer than 37.40 | Type of Bracket |
| 3 | 4 | 2 | 400L | 192 240 300 384 480 600 | 201 240 303 395 498 613 | 460 385 305 234 186 151 | 4496 | 19.69 | 276* | 288 | 300 | 312 | 324 | 337 | 349 | 361 | 373 | 385 | | |
| 4 | 4 | 2 | 400L | 150 192 240 300 384 480 600 | 163 201 240 303 395 498 613 | 771 627 524 416 319 253 206 | 4496 | 19.69 | 276* | 288 | 300 | 312 | 324 | 337 | 349 | 361 | 373 | 385 | See | KL41-HD |
| 5.5 | 4 | 2 | 400L | 192 240 300 384 480 600 | 201 240 303 395 498 613 | 836 700 554 425 338 274 | 4496 | 19.69 | 298* | 310 | 322 | 334 | 346 | 359 | 371 | 383 | 395 | 407 | Foot- note ⁴ | 6YA0K |
| 7.5 | 4 | 2 | 400L | 300 384 480 600 | 303 395 498 613 | 778 598 474 386 | 4496 | 19.69 | 298* | 310 | 322 | 334 | 346 | 359 | 371 | 383 | 395 | 407 | | |
| 10 | 2 | 2 | 400L | 384 480 600 768 | 402 481 607 791 | 784 655 520 399 | 4496 | 19.69 | 298* | 310 | 322 | 334 | 346 | 359 | 371 | 383 | 395 | 407 | | |

| Idler Pulley | Model UT400L | 4496 | 19.69 | 188 | 200 | 212 | 224 | 236 | 249 | 261 | 273 | 285 | 297 | | L41-HD SYAOK | l |
|--------------|--------------|------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-----------------|---|
|--------------|--------------|------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-----------------|---|

¹ Use "nominal belt speed" to specify pulley. "Actual belt speed" is presented (for pulley lagged with 5/16" thick rubber) to assist with process design calculations. See Technical Precautions page 77. 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 78.

⁴ Additional Motorized Pulley and Idler Pulley weight, specified per Roller Length: $37.40^{\circ} \le RL \le 78.74^{\circ} \text{ Wt} = 6.2 \text{ lbs/in.}$

⁵ All weights shown above are for pulleys with 5/16" thick lagging. To calculate unlagged pulley weight subtract 0.6 lbs/in of Roller Length from above.

^{*} Special "Short Roller Length" Option



Motorized Pulley 400M & 400H, Ø 15.91 in. (404 mm) 60

| Motor Nominal belt Actual belt D Max | | | | | Max | Max RL Dimension inches (RL>78.74" available on request) | | | | | | | | | | t) | | | |
|--------------------------------------|-------------|-------------|-------|--|--|--|-----------------------------|------------|-------|-------|-------|-------|-------|-----------------------|-------|-------|-------|-----------------------------------|---------------|
| Power | No. | No. Gear | Madai | speed1 at | speed ¹ at Full Load | Belt Pull ² | Radial Load ³ | Min. RL | | | | | | t in Ibs ⁵ | | | | | Type |
| HP | of Poles | Stages | Model | Full Load 60 Hz fpm | 60 Hz fpm | lbs | T1 + T2 | in | 23.62 | 25.59 | 27.56 | 29.53 | 31.50 | 33.46 | 35.43 | 37.40 | 39.37 | longer than 39.37 | of Bracket |
| | | 3 | 400H | 38 48 60 | 44 54 64 | 2121 1725 1442 | 11,250 | 25.59 | - | 533 | 547 | 563 | 577 | 591 | 605 | 619 | 634 | | |
| 3 | 8 | 2 | 400M | 76 96 120 150 192 240 300 384 | 82 101 121 152 197 248 307 390 | 1131 920 770 610 468 371 302 238 | 9,100 | 23.62 | 442 | 456 | 470 | 485 | 500 | 514 | 528 | 542 | 557 | | |
| | | 3 | 400H | 48 60 76 | 54 64 81 | 3137 2623 2079 | 11,250 | 25.59 | - | 553 | 567 | 582 | 597 | 611 | 625 | 639 | 654 | | |
| 5.5 | 8 | 2 | 400M | 96 120 150 192 240 300 384 | 101 121 152 197 248 307 390 | 1673 1399 1108 851 675 548 432 | 9,100 | 23.62 | 462 | 476 | 490 | 505 | 519 | 534 | 548 | 562 | 576 | | |
| | | 3 | 400H | 76 96 120 | 87 107 128 | 2651 2156 1803 | 11,250 | 25.59 | - | 533 | 547 | 563 | 577 | 591 | 605 | 619 | 634 | | |
| 7.5 | 4 | 2 | 400M | 150 192 240 300 384 480 600 768 | 163 201 240 303 395 498 613 778 | 1413 1150 962 762 585 465 377 297 | 9,100 | 23.62 | 442 | 456 | 470 | 485 | 500 | 514 | 528 | 542 | 557 | See Foot- note ⁴ | KL60 6YA09 |
| | 6 | 3 | 400H | 96 120 150 | 108 140 177 | 2923 2244 1782 | 11,250 | 29.53 | - | - | - | 602 | 616 | 631 | 645 | 659 | 673 | | |
| 10 | 4 | 2 | 400M | 192 240 300 384 480 600 768 | 201 240 303 395 498 613 778 | 1568 1311 1039 798 633 515 405 | 9,100 | 23.62 | 455 | 469 | 483 | 499 | 513 | 527 | 541 | 556 | 570 | | |
| | | 3 | 400H | 150 192 240 | 162 211 265 | 2859 2194 1742 | 11,250 | 29.53 | - | - | - | 602 | 616 | 631 | 645 | 659 | 673 | | |
| 15 | 4 | 2 | 400M | 300 384 480 600 768 | 303 395 498 613 778 | 1525 1170 929 754 594 | 9,100 | 27.56 | - | - | 510* | 525 | 539 | 554 | 568 | 582 | 596 | | |
| 00 | 0 | 3 | 400H | 192 240 300 | 214 257 323 | 2940 2459 1949 | 11,250 | 29.53 | - | - | - | 602 | 616 | 631 | 645 | 659 | 673 | | |
| 20 | 2 | 2 | 400M | 384 480 600 768 | 402 481 607 791 | 1568 1311 1039 798 | 9,100 | 27.56 | - | - | 510* | 525 | 539 | 554 | 568 | 582 | 596 | | |
| Idler | Pulley | | | | UT400 | DM | 9,100 | 23.62 | 264 | 277 | 294 | 309 | 323 | 333 | 347 | 362 | 376 | See Foot- | KL60 |
| | | | | | UT40 | OH. | 11,250 | 25.59 | - | 288 | 305 | 320 | 334 | 344 | 358 | 373 | 387 | note ⁴ | 6YA09 |

Use "nominal belt speed" to specify pulley. "Actual belt speed" is presented (for pulley lagged with 5/16" thick rubber) to assist with process design calculations. See Technical Precautions page 77. 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 78.

 $[\]label{eq:local_policy} \mbox{Additional Motorized Pulley and Idler Pulley weight, specified per Roller Length:} \qquad 39.37" \le RL \le 78.74" \mbox{ Wt = 7.3 lbs/in.}$

All weights shown above are for pulleys "fully lagged" with 5/16" thick rubber. For "partially lagged" pulleys add 5% to 10% to the weights shown above. See page 80 for "partial lagging." To calculate unlagged pulley weight subtract 0.6 lbs/in of Roller Length from above.

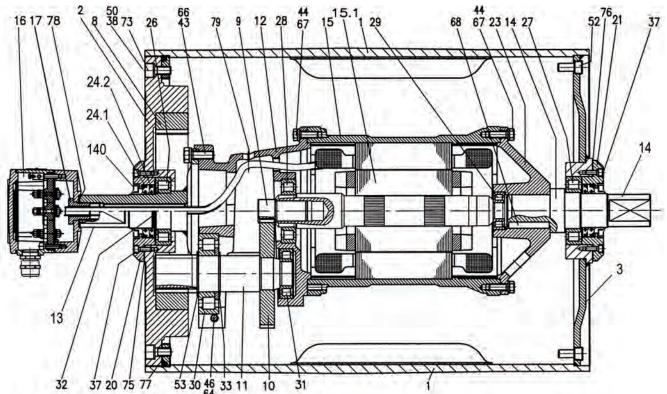
Special "Short Roller Length" Option



Motorized Pulley 400L, Ø 15.91 in. (404 mm)

Spare parts list and sectional drawings

| Pos. | Description | Pos. | Description | Pos. | Description |
|--|---|--|--|--|---|
| 1 1.1 2 2.1 3 3.1 8 9 10 11 12 13 13.1 14 14.1 15 15.1 16 17 20 20.1 21.1 23 24.1 24.2 | Shell Shell (ss option) End housing with geared rim End housing (ss option) End housing End housing (ss option) Geared rim Rotor pinion Input wheel Output pinion Gear box – cast aluminum Front shaft Front shaft Front shaft (ss option) Rear shaft (ss option) Stator complete Rotor Terminal box complete Nipple Cover – front side Cover with labyrinth groove Cover with labyrinth groove Rear flange Shaft oil seal outer Shaft oil seal outer | 24.3 24.4 26 27 28 29 30 31 32 33 37 38 43 44 45 46 49 50 52 52.1 53 53.1 60 64 66 67 | Shaft oil seal outer (lab option) Shaft oil seal inner (lab option) Bearing Bearing Bearing Bearing Bearing Bearing Retaining ring Retaining ring Hexagon socket screw Hexagon socket screw Hexagon screw Hexagon screw Hexagon screw Hexagon screw Hexagon screw Hoxagon screw Hexagon screw Hoxagon sc | 68 73 75 76 77 78 79 85 85.1 90 91 93 94 95 96 99 101 104 120 121 122 123 140 143 146 200 | Key Set screw Gasket Gasket Gasket Gasket Holding clip or plastic tie Intermediate flange for backstop Intermediate flange for brake Backstop Electromagnetic brake Retaining ring Hexagon head screw Straight connector Elbow connector Waved spring washer Key Distance washer Labyrinth cover Set screw O-ring Grease nipple Deflection seal O-ring Special compression washer Rubber seal |
| | | | . 5 | | |

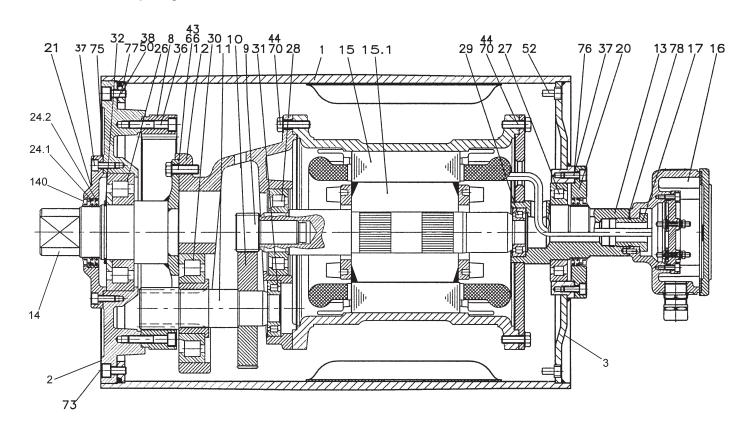




Motorized Pulley 400M, Ø 15.91 in. (404 mm)

Spare parts list and sectional drawings

| Pos. | Description | Pos. | Description | Pos. | Description |
|------|-----------------------------|------|-----------------------------------|------|-----------------------|
| 1 | Shell | 23 | Rear flange | 66 | Waved spring washer |
| 1.1 | Shell (ss option) | 24.1 | Shaft oil seal outer | 67 | Waved spring washer |
| 2 | End housing with geared rim | 24.2 | Shaft oil seal inner | 70 | Spring washer |
| 2.1 | End housing (ss option) | 24.3 | Shaft oil seal outer (lab option) | 73 | Set screw |
| 3 | End housing | 24.4 | Shaft oil seal inner (lab option) | 75 | Gasket |
| 3.1 | End housing (ss option) | 26 | Bearing | 76 | Gasket |
| 8 | Geared rim | 27 | Bearing | 77 | Gasket |
| 9 | Rotor pinion | 28 | Bearing | 78 | Gasket |
| 10 | Input wheel | 29 | Bearing | 85 | Intermediate flange |
| 11 | Output pinion | 30 | Bearing | 90 | Backstop |
| 12 | Gear box – cast aluminum | 31 | Bearing | 91 | Electromagnetic brake |
| 13 | Front shaft | 32 | Retaining ring | 93 | Retaining ring |
| 13.1 | Front shaft (ss option) | 36 | Hexagon head screw | 94 | Hexagon head screw |
| 14 | Rear shaft | 45 | Hexagon screw | 99 | Waved spring washer |
| 14.1 | Rear shaft (ss option) | 50 | Waved spring washer | 101 | Key |
| 15 | Stator complete | 52 | Magnetic oil plug | 104 | Distance washer |
| 15.1 | Rotor | 52.1 | Magnetic oil plug (ss option) | 120 | Labyrinth cover |
| 16 | Terminal box complete | 37 | Hexagon socket screw | 121 | Set screw |
| 17 | Nipple | 38 | Hexagon socket screw | 122 | O-ring |
| 20 | Cover – front side | 43 | Hexagon screw | 123 | Grease nipple |
| 20.1 | Cover with labyrinth groove | 44 | Hexagon screw | 140 | Deflection seal |
| 21 | Cover – rear side | 52 | Magnetic oil plug | | |
| 21.1 | Cover with labyrinth groove | 53 | Distance washer | | |

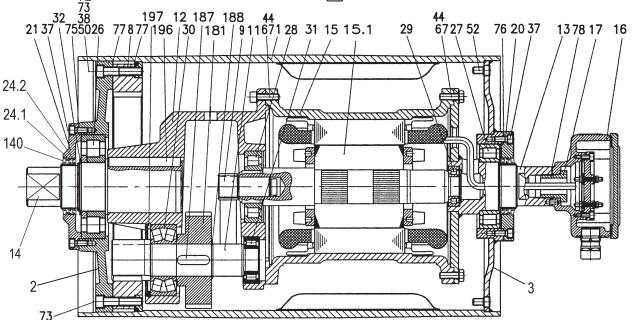




Motorized Pulley 400H, Ø 15.91 in. (404 mm)

Spare parts list and sectional drawings

| Pos. | Description | Pos. | Description | Pos. | Description |
|---------|---|--|---|--|---|
| Pos. 1 | Shell Shell (ss option) End housing with geared rim End housing (ss option) End housing (ss option) End housing End housing (ss option) Geared rim Rotor pinion Input wheel Output pinion Gear box – cast iron Front shaft Front shaft (ss option) Rear shaft Rear shaft (ss option) Stator complete Rotor Terminal box complete Nipple Cover Front side Cover with labyrinth groove Cover with labyrinth groove Rear flange Shaft oil seal outer Shaft oil seal outer (lab option) Shaft oil seal inner (lab option) Bearing Bearing | 28 30 31 32 33 36 37 38 43 44 45 50 52 52.1 53 66 72 73 75 | Bearing Bearing Bearing Retaining ring Retaining ring Hexagon socket screw Waved spring washer Magnetic oil plug Magnetic oil plug (ss option) Distance washer Waved spring washer Taper grooved pin Set screw Gasket Intermediate pinion shaft 91 184 180 186 10 182 185 | 905. 76 77 78 85 90 91 93 94 99 101 104 120 121 122 123 140 180 181 182 183 184 185 186 187 188 190 191 194 196 197 | Gasket Gasket Gasket Intermediate flange for brake Backstop Electromagnetic brake Retaining ring Hexagon head screw Waved spring washer Key Distance washer Labyrinth cover Set screw O-ring Grease nipple Deflection seal Intermediate pinion shaft Intermediate wheel Distance washer Roller bearing Roller bearing Key Key Retaining ring Retaining ring Set screw Key Retaining ring Set screw Key Retaining ring |
| | 72 73 | | | | |





Motorized Pulley 400L, 400M & 400H, Ø 15.91 in. (404 mm) Sectional drawings

Backstop Option (valid for 400M & 400H)

85

90

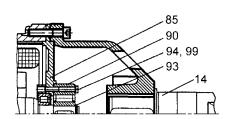
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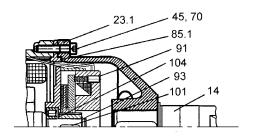
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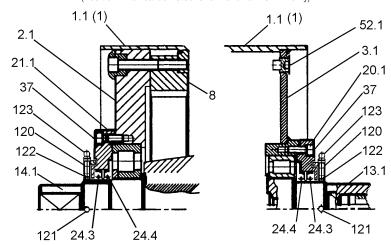
Backstop Option (valid for 400L)



Electromagnetic Brake Option (valid for 400L)



Stainless Steel with Labyrinth Options TS9N (Position 1 for carbon steel shell valid for TS11N only)



Stainless Steel Non-Labyrinth Options TS10N (Position 1 for carbon steel shell valid for TS12N only.)

