

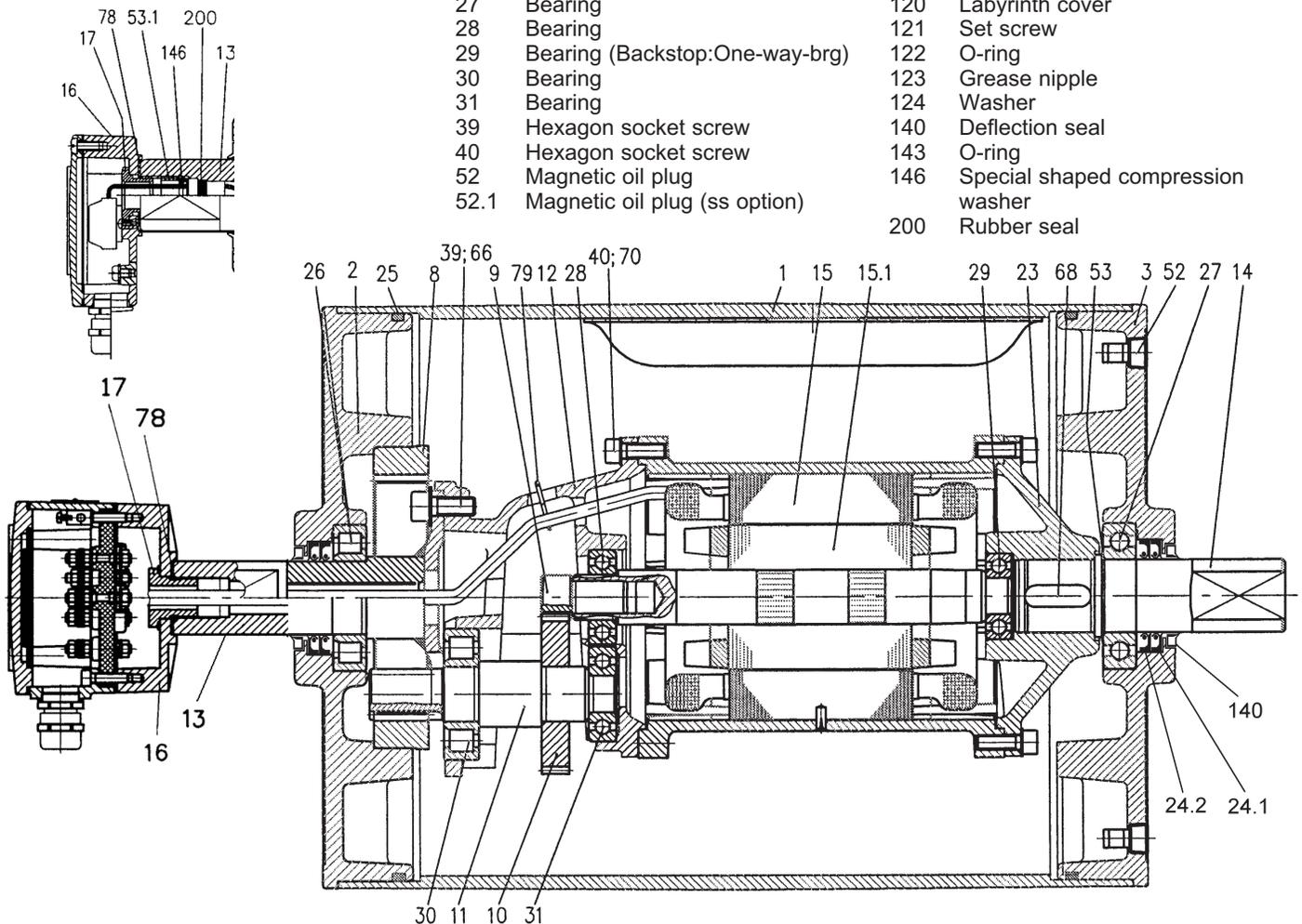


Motorized Pulley 320L, Ø 12.64 in. (321 mm)

Spare parts list and sectional drawings

| Pos. | Description | Pos. | Description | Pos. | Description |
|------|----------------------------------|------|-----------------------------------|------|-----------------------------------|
| 1 | Shell | 14 | Rear shaft | 53 | Distance washer |
| 1.1 | Shell (ss option) | 14.1 | Rear shaft (ss option) | 53.1 | Compression nipple |
| 2 | End housing with geared rim | 15 | Stator complete | 59 | Countersunk head screw |
| 2.1 | End hsg w/geared rim (ss option) | 15.1 | Rotor | 66 | Waved spring washer |
| 3 | End housing | 16 | Terminal box complete | 68 | Key |
| 3.1 | End housing (ss option) | 17 | Nipple | 70 | Toothed washer |
| 8 | Geared rim | 20 | Cover | 78 | Gasket |
| 9 | Rotor pinion | 20.1 | Cover with labyrinth groove | 79 | Holding clip or plastic tie |
| 10 | Input wheel | 23 | Rear flange | 85 | Intermediate flange for backstop |
| 11 | Output pinion | 23.1 | Rear flange for backstop | 85.1 | Intermediate flange for brake |
| 12 | Gear box | 23.2 | Rear flange for brake | 91 | Electromagnetic brake |
| 13 | Front shaft | 24.1 | Shaft oil seal outer | 93 | Retaining ring |
| 13.1 | Front shaft (ss option) | 24.2 | Shaft oil seal inner | 95 | Straight connector |
| | | 24.5 | Shaft oil seal (labyrinth option) | 96 | Elbow connector |
| | | 25 | O-ring | 101 | Key |
| | | 26 | Bearing | 104 | Distance washer |
| | | 27 | Bearing | 120 | Labyrinth cover |
| | | 28 | Bearing | 121 | Set screw |
| | | 29 | Bearing (Backstop:One-way-brg) | 122 | O-ring |
| | | 30 | Bearing | 123 | Grease nipple |
| | | 31 | Bearing | 124 | Washer |
| | | 39 | Hexagon socket screw | 140 | Deflection seal |
| | | 40 | Hexagon socket screw | 143 | O-ring |
| | | 52 | Magnetic oil plug | 146 | Special shaped compression washer |
| | | 52.1 | Magnetic oil plug (ss option) | 200 | Rubber seal |

Compact Terminal Box

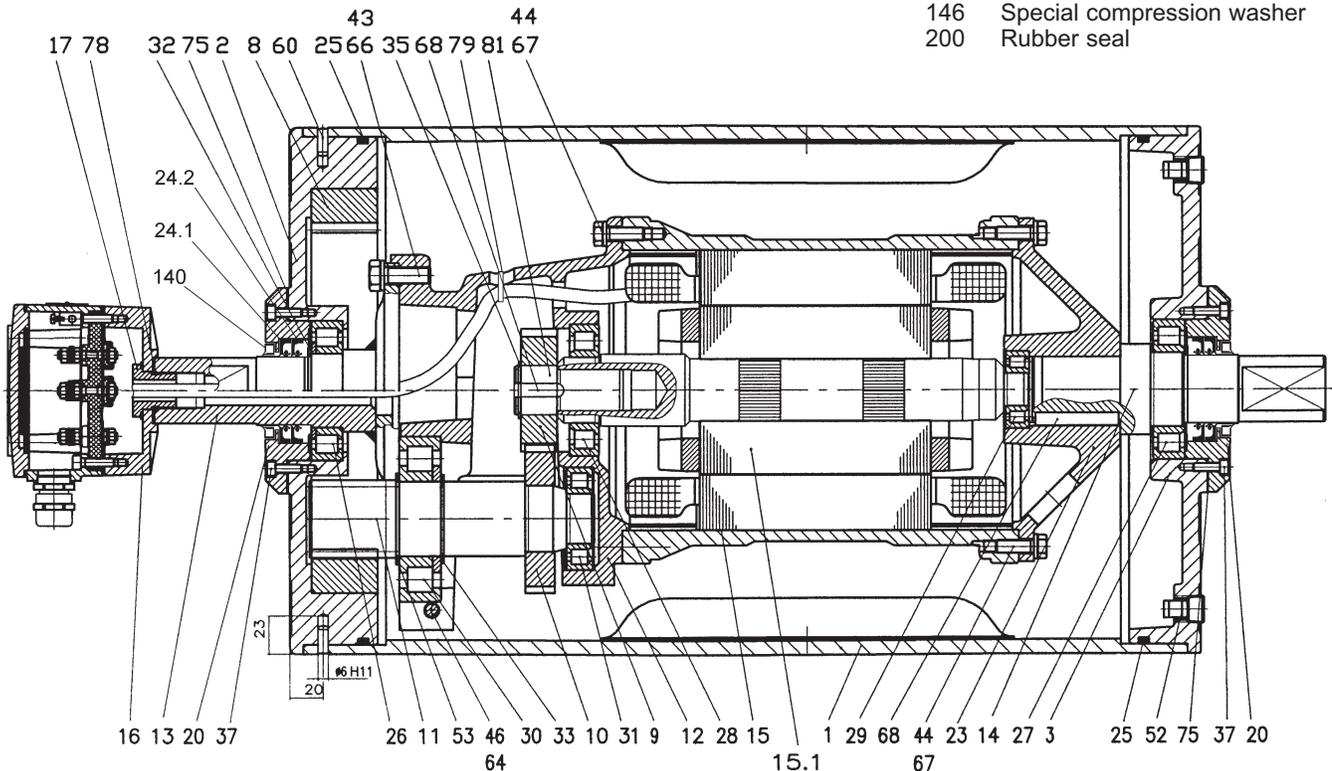




Motorized Pulley 320M, Ø 12.64 in. (321 mm)

Spare parts list and sectional drawings

| Pos. | Description | Pos. | Description | Pos. | Description |
|------|----------------------------------|------|------------------------------------|------|------------------------------------|
| 1 | Shell | 24.2 | Shaft oil seal inner | 64 | Prevailing torque type hex.nut |
| 1.1 | Shell (ss option) | 24.3 | Shaft oil seal outer (lab. option) | 66 | Waved spring washer |
| 2 | End housing with geared rim | 24.4 | Shaft oil seal inner (lab. option) | 67 | Waved spring washer |
| 2.1 | End hsg w/geared rim (ss option) | 25 | O-ring | 68 | Key |
| 3 | End housing | 26 | Bearing | 70 | Waved spring washer |
| 3.1 | End housing (ss option) | 27 | Bearing | 75 | Gasket |
| 8 | Geared rim | 28 | Bearing | 78 | Gasket |
| 9 | Rotor pinion | 29 | Bearing | 79 | Holding clip or plastic tie |
| 10 | Input wheel | 30 | Bearing | 85 | Intermediate flange for backstop |
| 11 | Output pinion | 31 | Bearing | 85.1 | Intermediate flange for brake assy |
| 12 | Gear box | 32 | Retaining ring | 90 | Backstop |
| 13 | Front shaft | 33 | Retaining ring | 91 | Electromagnetic brake |
| 13.1 | Front shaft (ss option) | 35 | Retaining ring | 93 | Retaining ring |
| 14 | Rear shaft | 37 | Hexagon socket screw | 94 | Hexagon head screw |
| 14.1 | Rear shaft (ss option) | 43 | Hexagon socket screw | 95 | Straight connector |
| 15 | Stator complete | 44 | Hexagon socket screw | 96 | Elbow connector |
| 15.1 | Rotor | 45 | Hexagon head screw | 99 | Waved spring washer |
| 16 | Terminal box complete | 46 | Hexagon head screw | 101 | Key |
| 17 | Nipple | 49 | Washer | 104 | Distance washer |
| 20 | Cover | 52 | Magnetic oil plug | 120 | Labyrinth cover |
| 20.1 | Cover with labyrinth groove | 52.1 | Magnetic oil plug (ss option) | 121 | Set screw |
| 23 | Rear flange | 53 | Distance washer | 122 | O-ring |
| 23.1 | Rear flange for backstop/Brake | 53.1 | Compression nipple | 123 | Grease nipple |
| 24.1 | Shaft oil seal outer | 60 | Parallel pin | 140 | Deflection seal |
| | | | | 143 | O-ring |
| | | | | 146 | Special compression washer |
| | | | | 200 | Rubber seal |



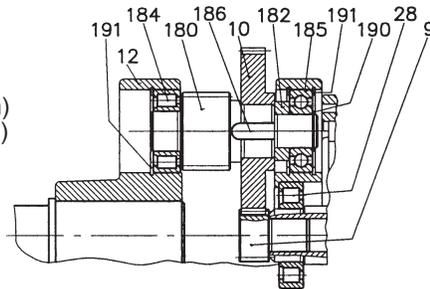
Pos: 52 sealed with plumber sealing tape



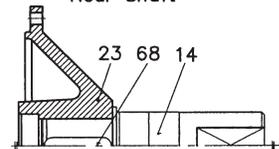
Motorized Pulley 320H, Ø 12.64 in. (321 mm)

Spare parts list and sectional drawings

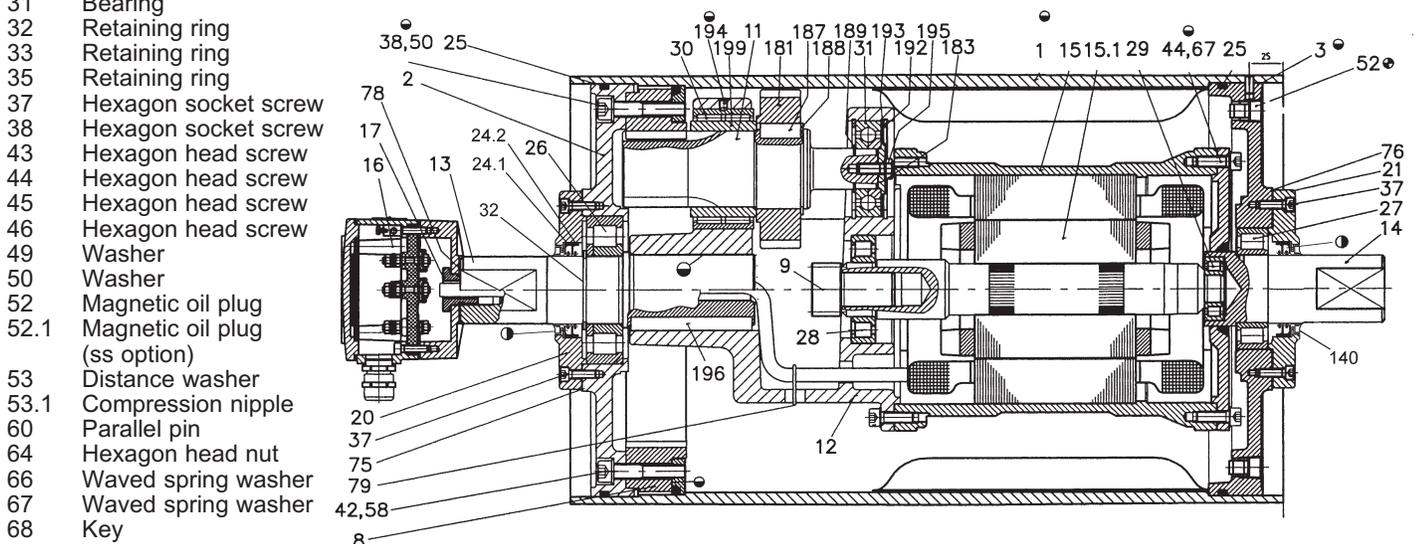
| Pos. | Description | Pos. | Description | Pos. | Description |
|------|------------------------------------|------|---|------|------------------------------------|
| 1 | Shell | 70 | Waved spring washer | 123 | Grease nipple |
| 1.1 | Shell (ss option) | 73 | Set screw | 143 | O-ring |
| 2 | End housing with geared rim | 75 | Gasket | 146 | Special shaped compression washer |
| 2.1 | End hsg w/geared rim (ss option) | 78 | Gasket | 180 | Intermediate pinion shaft |
| 3 | End housing | 79 | Holding clip or plastic tie | 181 | Intermediate pinion |
| 3.1 | End housing (ss option) | 80 | Hexagon head screw | 182 | Distance bushing |
| 8 | Geared rim | 84 | Rear flange for brake | 183 | Washer |
| 9 | Rotor pinion | 85 | Intermediate flange for backstop assembly | 184 | Roller bearing |
| 10 | Input wheel | 85.1 | Intermediate flange for brake assembly | 185 | Roller bearing |
| 11 | Output pinion | 90 | Backstop | 186 | Key |
| 12 | Gear box | 91 | Electromagnetic brake | 187 | Key |
| 13 | Front shaft | 93 | Retaining ring | 188 | Retaining ring |
| 13.1 | Front shaft (ss option) | 94 | Hexagon head screw | 190 | Retaining ring |
| 14 | Rear shaft | 95 | Straight connector | 191 | Retaining ring |
| 14.1 | Rear shaft (ss option) | 96 | Elbow connector | 192 | Retaining ring |
| 15 | Stator complete | 99 | Waved spring washer | 193 | Distance washer |
| 15.1 | Rotor | 101 | Key | 194 | Set screw |
| 16 | Terminal box complete | 104 | Distance washer | 195 | Prevailing torque type hexagon nut |
| 17 | Nipple | 120 | Labyrinth cover | 196 | Key |
| 20 | Cover front side | 121 | Set screw | 197 | Retaining ring |
| 20.1 | Cover with labyrinth groove | 122 | O-ring | 198 | Distance ring |
| 21 | Cover — rear side | | | 200 | Rubber seal |
| 21.1 | Cover with labyrinth groove | | | | |
| 23 | Rear flange | | | | |
| 23.1 | Rear flange for brake option | | | | |
| 24.1 | Shaft oil seal outer | | | | |
| 24.2 | Shaft oil seal inner | | | | |
| 24.3 | Shaft oil seal outer (lab. option) | | | | |
| 24.4 | Shaft oil seal inner (lab. option) | | | | |
| 25 | O-ring | | | | |
| 26 | Bearing | | | | |
| 27 | Bearing | | | | |
| 28 | Bearing | | | | |
| 29 | Bearing | | | | |
| 30 | Bearing | | | | |
| 31 | Bearing | | | | |
| 32 | Retaining ring | | | | |
| 33 | Retaining ring | | | | |
| 35 | Retaining ring | | | | |
| 37 | Hexagon socket screw | | | | |
| 38 | Hexagon socket screw | | | | |
| 43 | Hexagon head screw | | | | |
| 44 | Hexagon head screw | | | | |
| 45 | Hexagon head screw | | | | |
| 46 | Hexagon head screw | | | | |
| 49 | Washer | | | | |
| 50 | Washer | | | | |
| 52 | Magnetic oil plug | | | | |
| 52.1 | Magnetic oil plug (ss option) | | | | |
| 53 | Distance washer | | | | |
| 53.1 | Compression nipple | | | | |
| 60 | Parallel pin | | | | |
| 64 | Hexagon head nut | | | | |
| 66 | Waved spring washer | | | | |
| 67 | Waved spring washer | | | | |
| 68 | Key | | | | |



valid for RL ≥ 23.62"
Rear Shaft



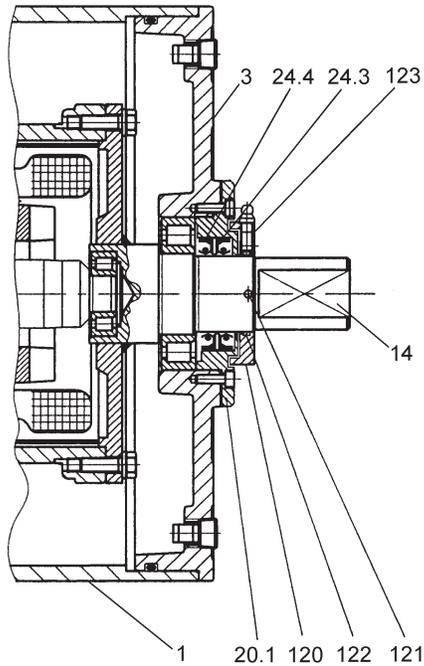
- sealed with plumber plastic tape
- fitted with metal glue
- filled with grease



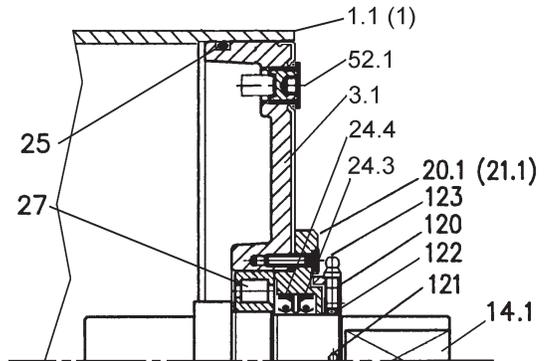


Motorized Pulley 320L, 320M & 320H, Ø 12.64 in. (321 mm) Sectional drawings

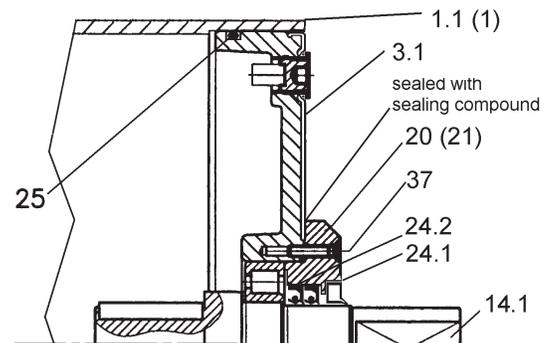
Carbon Steel Shell & Shaft
with Labyrinth Option



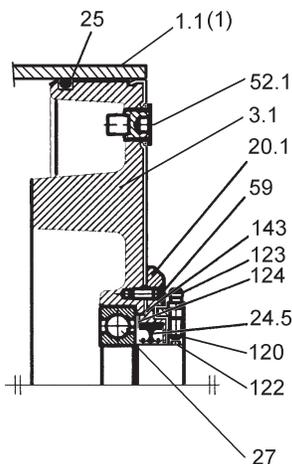
320M & 320H Stainless Steel with Labyrinth Options TS9N
(Position 1 for carbon steel shell valid for TS11N only)
(Position 21.1 valid for 320H only)



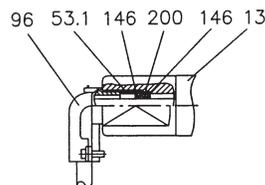
320M & 320H Stainless Steel Non-Labyrinth Options TS10N
(Position 1 for carbon steel shell valid for TS12N only)
(Position 21 valid for 320H only)



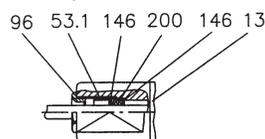
320L Stainless Steel with Labyrinth Options TS9N
(Position 1 for carbon steel shell valid for TS11N only)



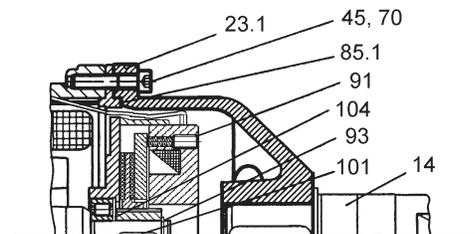
Elbow Connector



Straight Connector



Electromagnetic Brake Option



Backstop Option

