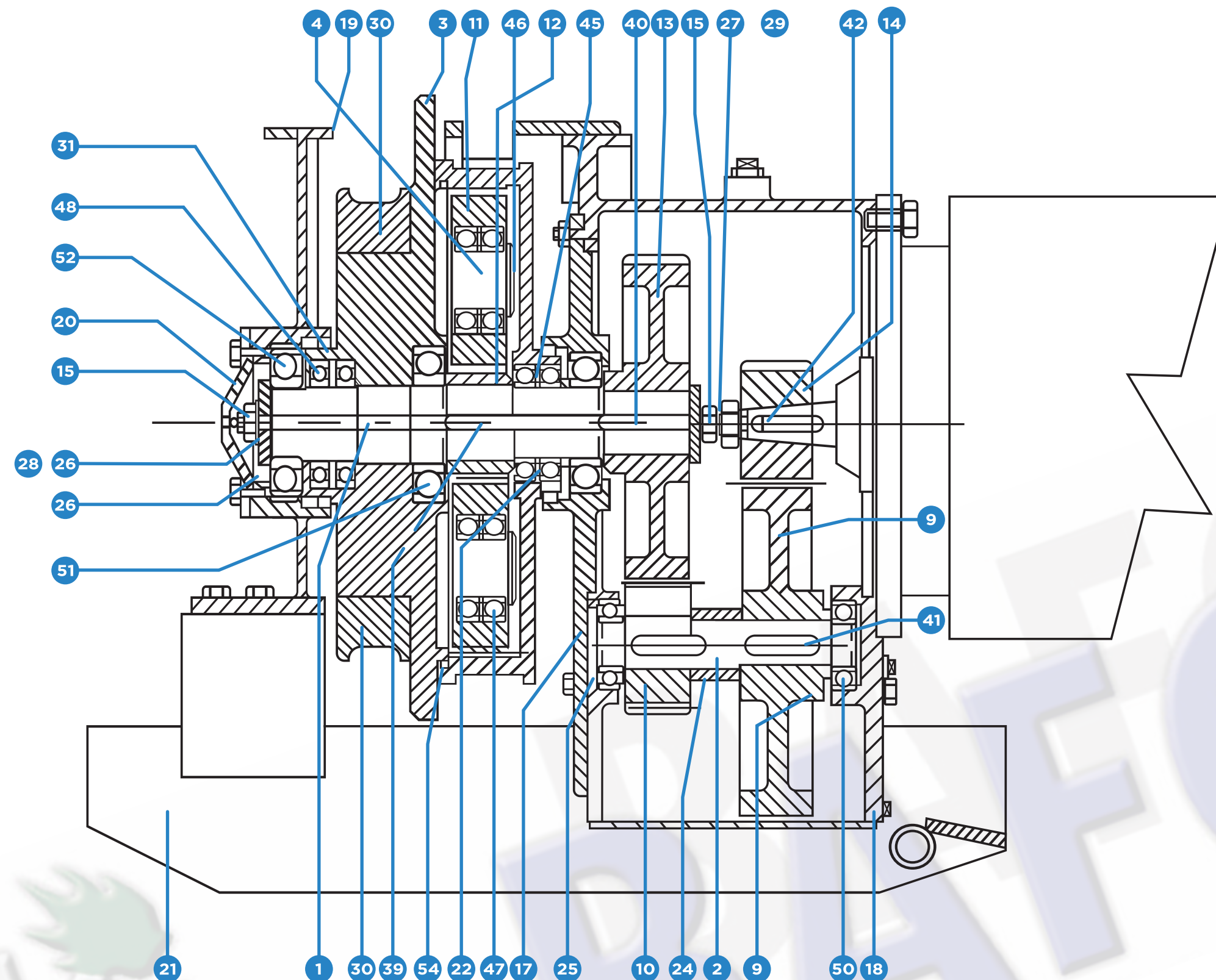


# 22/37 KW LF230 JOY SULLIVAN MONO WINCH

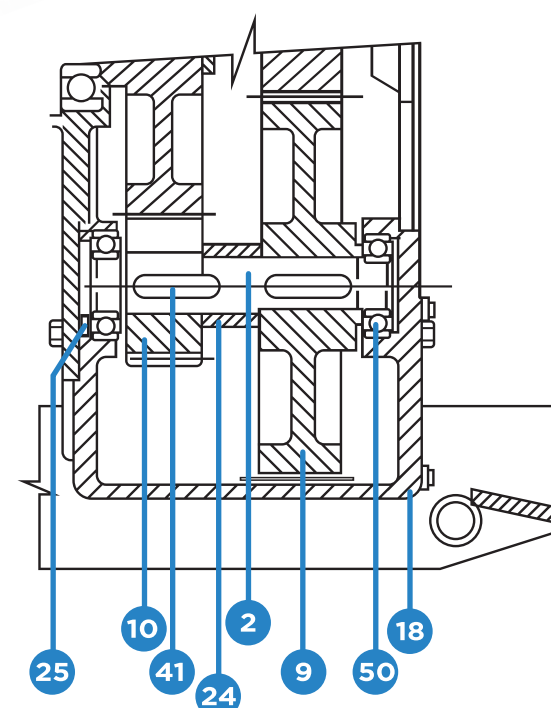
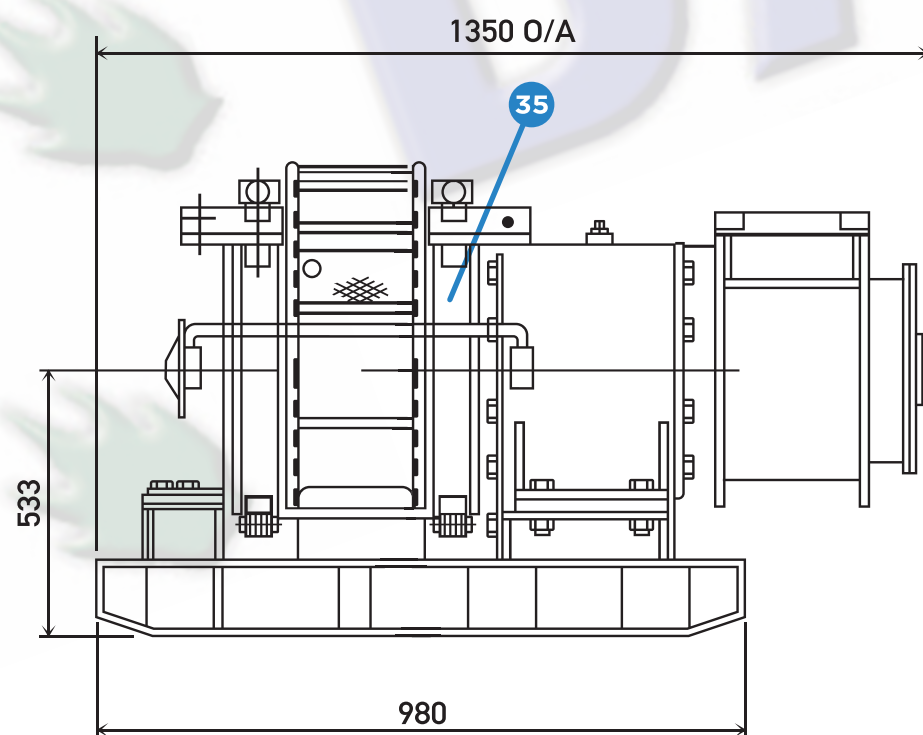
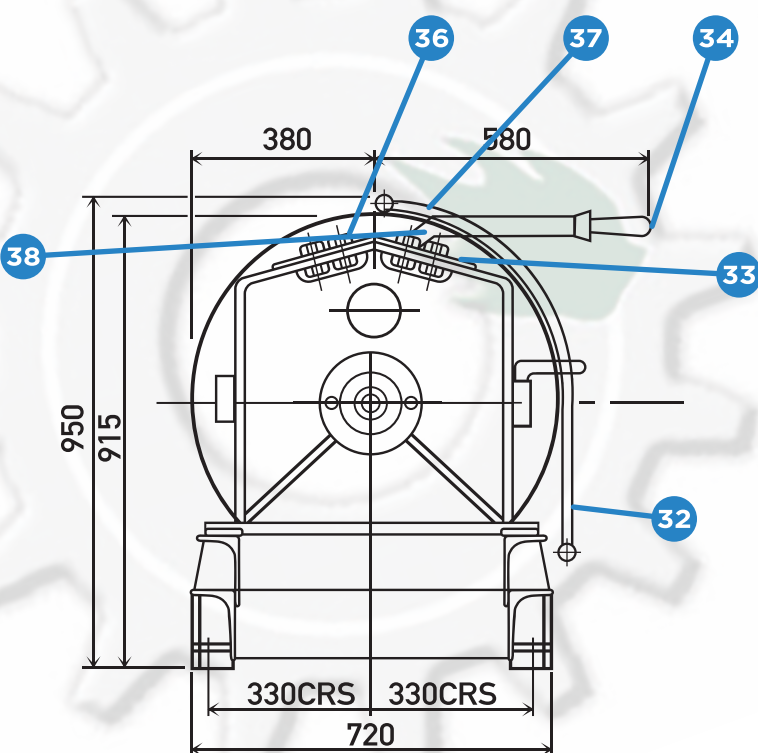


| MOTOR | MOTOR PINION |
|-------|--------------|
| 37 KW | 1640014-0003 |
| 22 KW | 1640014-0043 |

## SPECIFICATION

| POWER UNIT              | ELECTRIC MOTOR   |
|-------------------------|------------------|
| R.P.M.                  | 1440             |
| KILOWATTS               | 22 / 37 KW       |
| EFFICIENCY              |                  |
| MAX ROPE PULL - 22 KW   | 2.14 TON - 21 KN |
| MAX ROPE PULL - 37 KW   | 3.56 TON - 35 KN |
| MEAN ROPE SPEED - 22 KW | 1.2 m/sec        |
| MEAN ROPE SPEED - 37 KW | 1.2 m/sec        |
| MAX ROPE SPEED - 22 KW  | 1.4 m/sec        |
| MAX ROPE SPEED - 37 KW  | 1.4 m/sec        |
| DIMENSIONS              |                  |
| LENGTH                  | 1350 mm          |
| HEIGHT                  | 950 mm           |
| WIDTH                   | 720 mm           |
| MASS                    |                  |
| WINCH MASS              | 825 kg           |
| MOTOR MASS - 22 KW      | 220 kg           |
| WINCH MASS - 37 KW      | 340 kg           |

| PARTS DESCRIPTION |              |                     |     |
|-------------------|--------------|---------------------|-----|
| ITEM NO.          | PART NO.     | DESCRIPTION         | QTY |
| 1                 | 1640000-0101 | Main Shaft          | 1   |
| 2                 | 1640001-0013 | Lay Shift           | 1   |
| 3                 | 541077-0111  | Rope Drum           | 1   |
| 4                 | 1640002-0032 | Idler Pin           | 4   |
| 6                 | 1640022-0339 | Washer              | 4   |
| 9                 | 1640012-0050 | 1st Motion Gear     | 1   |
| 10                | 1640012-0051 | 2nd Motion Pinion   | 1   |
| 11                | 1640013-0001 | Idler Gear          | 2   |
| 12                | 1640014-0001 | Main Shaft Pinion   | 1   |
| 13                | 1640014-0002 | 2nd Motion Gear     | 1   |
| 14                | 1640014-0003 | Motor Pinion        | 1   |
| 15                | 1640030-0025 | Lock Bolt           | 2   |
| 16                | 1640016-0001 | Clutch Gear         | 1   |
| 17                | 541025-0022  | Gearbox Cover       | 1   |
| 18                | 541148-0063  | Gearbox             | 1   |
| 19                | 541189-0015  | Pedestal            | 1   |
| 20                | 1640259-0061 | Pedestal Cover      | 1   |
| 21                | 541032-0161  | Bedplate            | 1   |
| 22                | 1640022-0001 | Spacer              | 2   |
| 23                | 1640022-0005 | Spacer              | 2   |
| 24                | 1640022-0381 | Spacer              | 1   |
| 25                | 1640022-0384 | Spacer              | 1   |
| 26                | 1640023-0061 | Lock Washer         | 2   |
| 27                | 1640023-0063 | Lock Washer         | 1   |
| 28                | 1640023-0064 | Lock Washer         | 2   |
| 29                | 1640028-0021 | Lock Nut            | 1   |
| 30                | 1640035-0012 | Chime               | 1   |
| 31                | 911404-0093  | Seal                | 1   |
| 32                | 541055-0101  | Guard               | 1   |
| 33                | 1640327-0010 | Stop Plate          | 1   |
| 34                | 541240-0001  | Handle              | 1   |
| 35                | 541050-0039  | Clutch Band         | 1   |
| 36                | 1640029-0052 | Adjusting Bolt      | 1   |
| 37                | 1640246-0000 | Adjusting Nut       | 1   |
| 38                | 1640337-0036 | Pin Clutch Band     | 1   |
| 39                | 1640272-0153 | Key 1st Motion      | 1   |
| 40                | 1640272-0154 | Key Main Shaft      | 1   |
| 41                | 1640272-0155 | Key Lay Shaft       | 2   |
| 42                | 1640272-0156 | Key Motor Pinion    | 1   |
| 43                |              | Split Pin/R-Clip    | 2   |
| 44                | 911412-0085  | Circlip Idler Gear  | 2   |
| 45                | 911412-0090  | Circlip Clutch Gear | 1   |
| 46                | 911413-0056  | Circlip Idler Pin   | 2   |
| 47                | 940016-0213  | Bearing             | 4   |
| 48                | 940016-0215  | Bearing             | 2   |
| 49                | 940016-0220  | Bearing             | 2   |
| 50                | 940025-0310  | Bearing             | 2   |
| 51                | 940025-0317  | Bearing             | 1   |
| 52                | 940026-0315  | Bearing             | 2   |
| 54                | 541995-5518  | Packing             | 1   |



LAY SHAFT ASSEMBLY

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