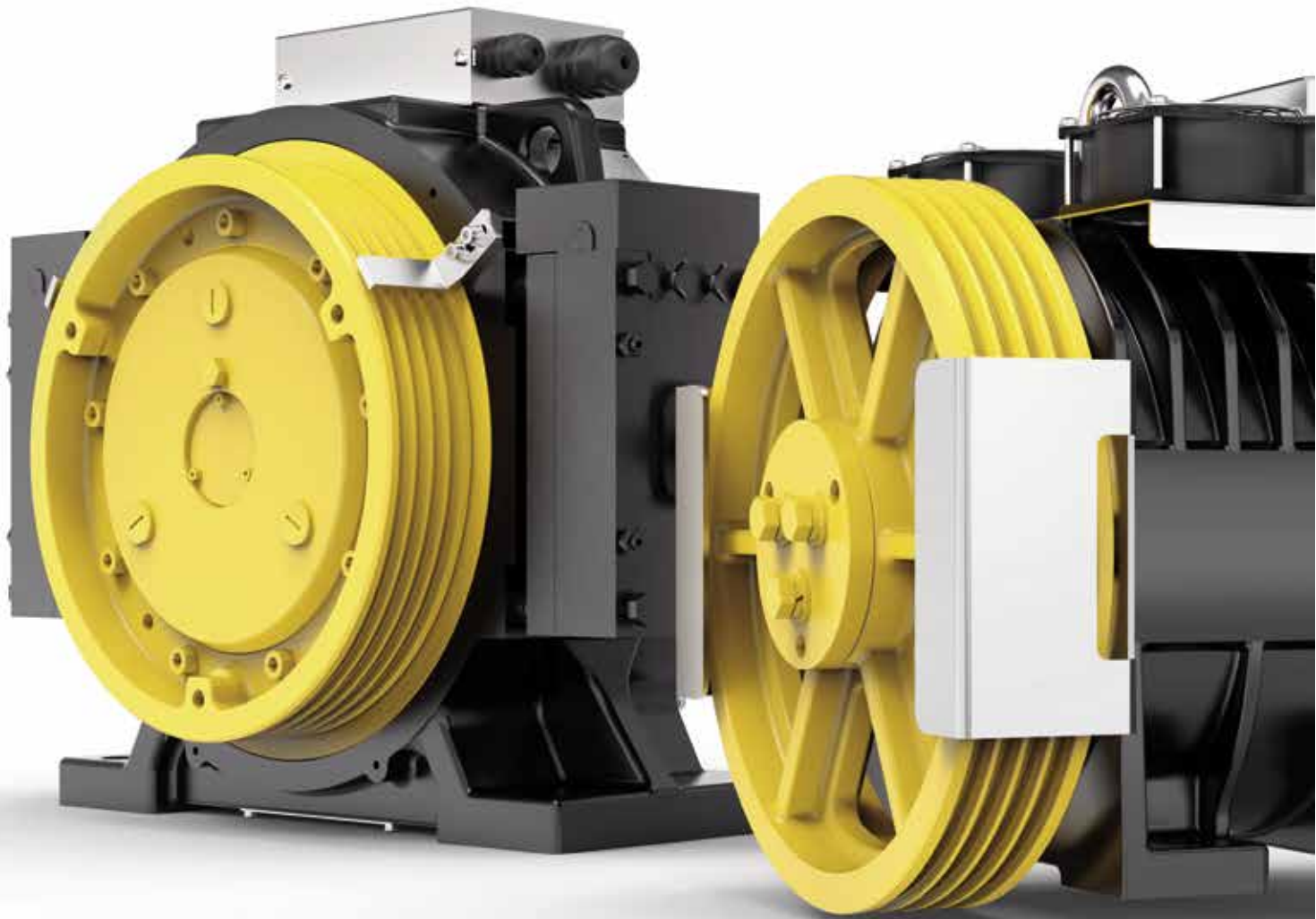


# SGI-SGP SERIES

GEARLESS MACHINES



“We deliver and install systems that meet global elevator safety standards, adapting to market changes to ensure quality, safety, and installation excellence.”

## Our product range at a glance

### SGI

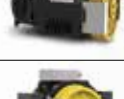
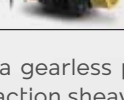
| Model          | Capacity    | Car Speed Range (2:1) | Max. Static Load |
|----------------|-------------|-----------------------|------------------|
|                | [kg]        | [m/s]                 | [kg]             |
| <b>SGI104</b>  | <b>272</b>  | 0.32~0.6              | 1150             |
| <b>SGI06-A</b> | <b>408</b>  | 0.5 ~1.0              | 1150, 1800       |
| <b>SGI06-B</b> | <b>408</b>  | 1.5                   | 1800             |
| <b>SGI08-B</b> | <b>544</b>  | 1.0 ~1.75             | 1800             |
| <b>SGI10-N</b> | <b>680</b>  | 1.0 ~1.75             | 2000             |
| <b>SGI13-N</b> | <b>884</b>  | 1.0 ~1.75             | 2500             |
| <b>SGI15-N</b> | <b>1020</b> | 1.0 ~1.75             | 3000, 2500       |

### SGP

| Model        | Capacity    | Car Speed Range (2:1) | Max. Static Load |
|--------------|-------------|-----------------------|------------------|
|              | [kg]        | [m/s]                 | [kg]             |
| <b>SGP06</b> | <b>408</b>  | 1.0 ~1.75             | 1600             |
| <b>SGP06</b> | <b>408</b>  | 2.0                   | 2000             |
| <b>SGP08</b> | <b>544</b>  | 1.0~1.75              | 1600             |
| <b>SGP08</b> | <b>544</b>  | 2.0                   | 2000             |
| <b>SGP10</b> | <b>680</b>  | 1.0~2.0               | 2000             |
| <b>SGP13</b> | <b>884</b>  | 1.0~2.5               | 3000             |
| <b>SGP16</b> | <b>1088</b> | 1.0~1.75              | 3000             |
| <b>SGP16</b> | <b>1088</b> | 2.0~2.5               | 4500             |
| <b>SGP20</b> | <b>1360</b> | 1.0~2.5               | 4500             |
| <b>SGP24</b> | <b>1632</b> | 1.0~2.5               | 4500             |
| <b>SGP26</b> | <b>1768</b> | 1.0~1.75              | 5000             |

## Capacity and Speed

Roping 2:1

|         |                                                                                     |       | Capacity [kg] |      |      |      |      |      |      | Speed [m/s] |  |  |
|---------|-------------------------------------------------------------------------------------|-------|---------------|------|------|------|------|------|------|-------------|--|--|
|         |                                                                                     |       | 0.32          | 0.50 | 0.60 | 1.00 | 1.50 | 1.75 | 2.00 | 2.50        |  |  |
| SGP26   |    | 1,768 |               |      |      |      |      |      |      |             |  |  |
| SGP24   |    | 1,632 |               |      |      |      |      |      |      |             |  |  |
| SGP20   |    | 1,360 |               |      |      |      |      |      |      |             |  |  |
| SGP16   |    | 1,088 |               |      |      |      |      |      |      |             |  |  |
| SGI15-N |    | 1,020 |               |      |      |      |      |      |      |             |  |  |
| SGP13   |   | 884   |               |      |      |      |      |      |      |             |  |  |
| SGI13-N |  |       |               |      |      |      |      |      |      |             |  |  |
| SGP10   |  | 680   |               |      |      |      |      |      |      |             |  |  |
| SGI10-N |  |       |               |      |      |      |      |      |      |             |  |  |
| SGP08   |  | 544   |               |      |      |      |      |      |      |             |  |  |
| SGI08-B |  |       |               |      |      |      |      |      |      |             |  |  |
| SGP06   |  | 408   |               |      |      |      |      |      |      |             |  |  |
| SGI06-B |  |       |               |      |      |      |      |      |      |             |  |  |
| SGI06-A |  |       |               |      |      |      |      |      |      |             |  |  |
| SGIH04  |  | 272   |               |      |      |      |      |      |      |             |  |  |

The Sicor India gearless production range allows applications for load capacities up to 1.768 kg in 2:1 suspension, speeds up to 2.5m/s with traction sheaves from 240 to 480mm. Numerous customized executions and options are available on request.



# “GEARLESS SGI”

|                |         |
|----------------|---------|
| <b>SGIH04</b>  | p.8     |
| <b>SGI06-A</b> | p.9/11  |
| <b>SGI06-B</b> | p.12    |
| <b>SGI08-B</b> | p.13/14 |
| <b>SGI10-N</b> | p.15    |
| <b>SGI13-N</b> | p.16    |
| <b>SGI15-N</b> | p.17    |



# SGIH04

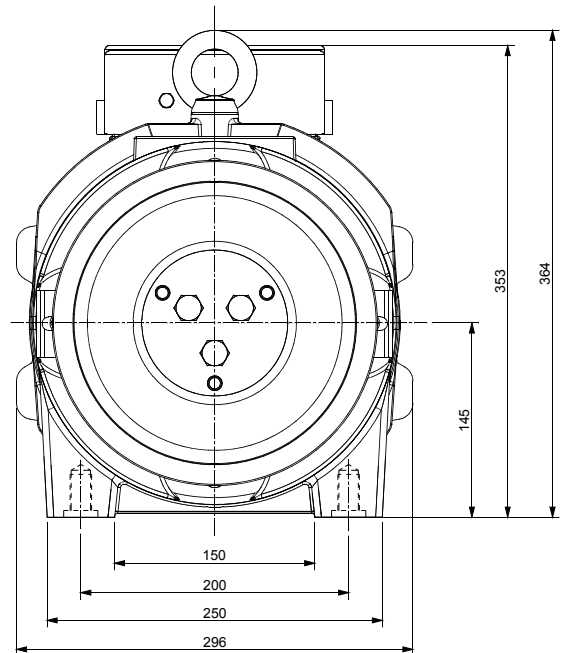
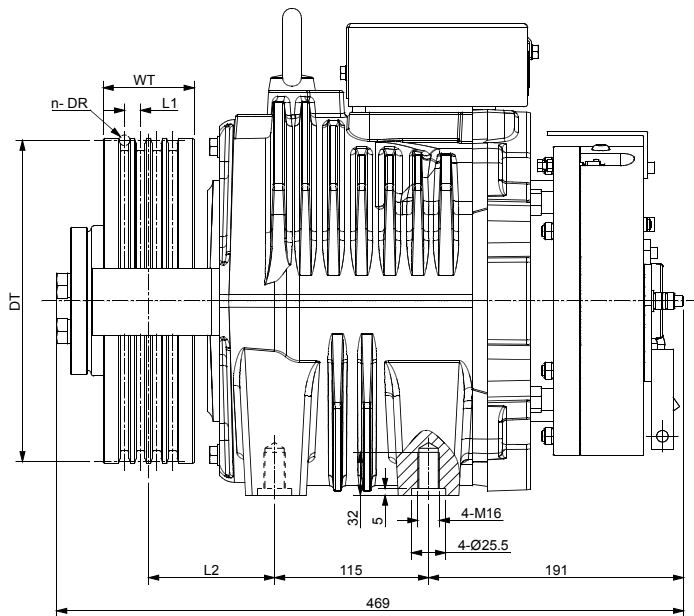


Brake Torque **2x250 Nm**  
 Brake Voltage **DC110V**  
 Roping **2:1**  
 Work Duty **S5-40%**  
 Wrapping **Single wrap**  
 CTW **50%**  
 Encoder **SinCos, PPR-2048, Voltage-5Vdc**  
 Insulation Class **F**  
 Protection Grade **IP40**

## SAMPLE CONFIGURATION TABLE

| Model              | Capacity | Elevator Speed | Rated Output | Rated voltage | Rated current | Rated speed | Frequency | Sheave Diameter | Poles | Torque | Ropes | Groove Dist | Shaft Load | Weight |
|--------------------|----------|----------------|--------------|---------------|---------------|-------------|-----------|-----------------|-------|--------|-------|-------------|------------|--------|
|                    | [kg]     | [m/s]          | [kW]         | [V]           | [A]           | [rpm]       | [Hz]      | [mm]            | [2p]  | [Nm]   |       | [mm]        | [kg]       | [kg]   |
| <b>SGIH 04-050</b> | 272      | 0.50           | 0.86         | 208           | 5.5           | 96          | 16.0      | 200             | 20    | 86     | 4-Φ6  | 10          | 1,150      | 125    |
| <b>SGIH 04-060</b> | 272      | 0.60           | 1.03         | 208           | 6.5           | 96          | 16.0      | 240             | 20    | 103    | 4-Φ6  | 10          | 1,150      | 130    |
| <b>SGIH 04-060</b> | 272      | 0.60           | 1.03         | 208           | 6.5           | 96          | 16.0      | 240             | 20    | 103    | 4-Φ8  | 12          | 1,150      | 130    |

## DIMENSIONS



| MODEL       | DT  | n-DR | WT | L1 | L2 |
|-------------|-----|------|----|----|----|
| SGI H04 200 | 200 | 4-Ø6 | 50 | 10 | 85 |
| SGI H04 240 | 240 | 4-Ø6 | 68 | 10 | 94 |
| SGI H04 240 | 240 | 4-Ø8 | 68 | 12 | 94 |

# SGI06-A

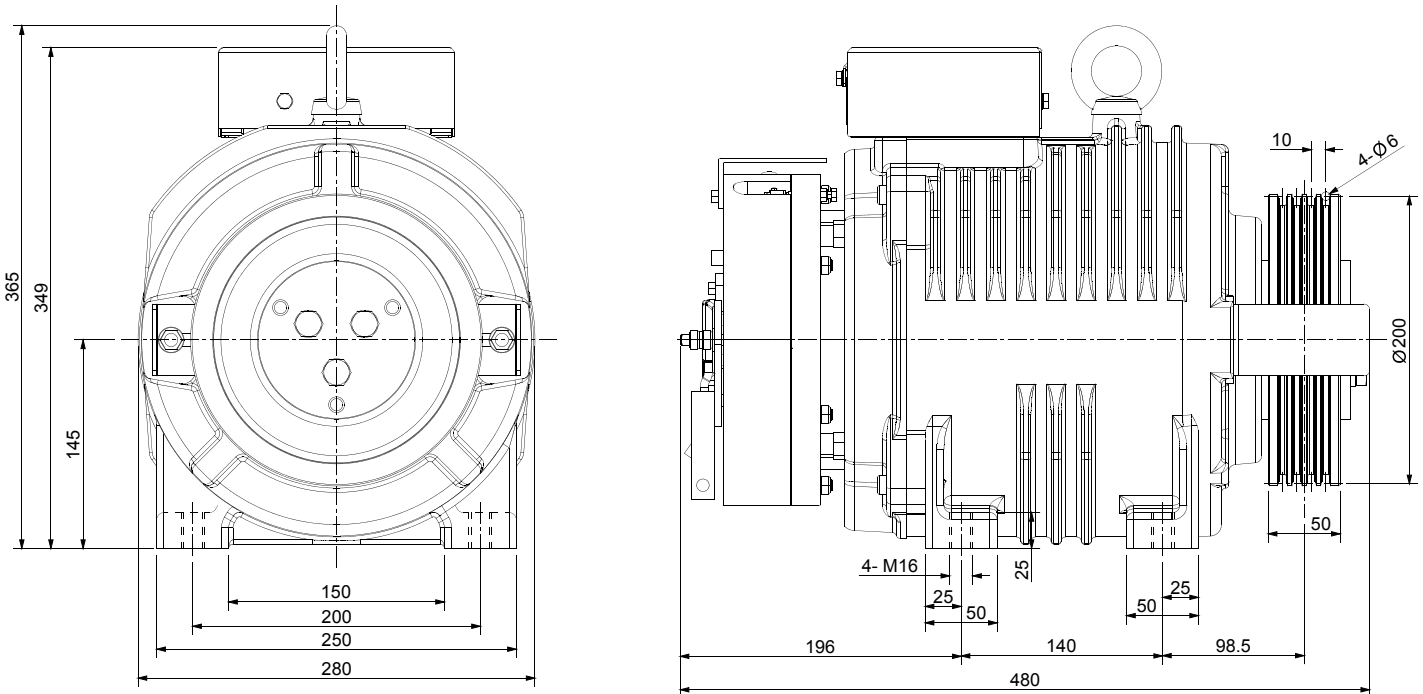


Sheave Diameter **200 mm**  
 Brake Torque **2x250 Nm**  
 Brake Voltage **DC110V**  
 Roping **2:1**  
 Work Duty **S5-40%**  
 Wrapping **Single wrap**  
 CTW **50%**  
 Encoder **SinCos, PPR-2048, Voltage-5Vdc**  
 Insulation Class **F**  
 Protection Grade **IP40**

## SAMPLE CONFIGURATION TABLE

| Model               | Capacity | Elevator Speed | Rated Output | Rated voltage | Rated current | Rated speed | Frequency | Sheave Diameter | Poles | Torque | Ropes | Groove Dist | Shaft Load | Weight |
|---------------------|----------|----------------|--------------|---------------|---------------|-------------|-----------|-----------------|-------|--------|-------|-------------|------------|--------|
|                     | [kg]     | [m/s]          | [kW]         | [V]           | [A]           | [rpm]       | [Hz]      | [mm]            | [2p]  | [Nm]   |       | [mm]        | [kg]       | [kg]   |
| <b>SGI 06-050-A</b> | 408      | 0.50           | 1.28         | 208           | 8.0           | 96          | 12.8      | 200             | 16    | 127    | 4-Φ6  | 10          | 1,150      | 120    |
| <b>SGI 06-050-A</b> | 408      | 0.50           | 1.28         | 360           | 8.0           | 96          | 12.8      | 200             | 16    | 127    | 4-Φ6  | 10          | 1,150      | 120    |
| <b>SGI 06-100-A</b> | 408      | 1.00           | 2.54         | 360           | 8.0           | 191         | 25.5      | 200             | 16    | 127    | 4-Φ6  | 10          | 1,150      | 120    |

## DIMENSIONS



# SGI06-A

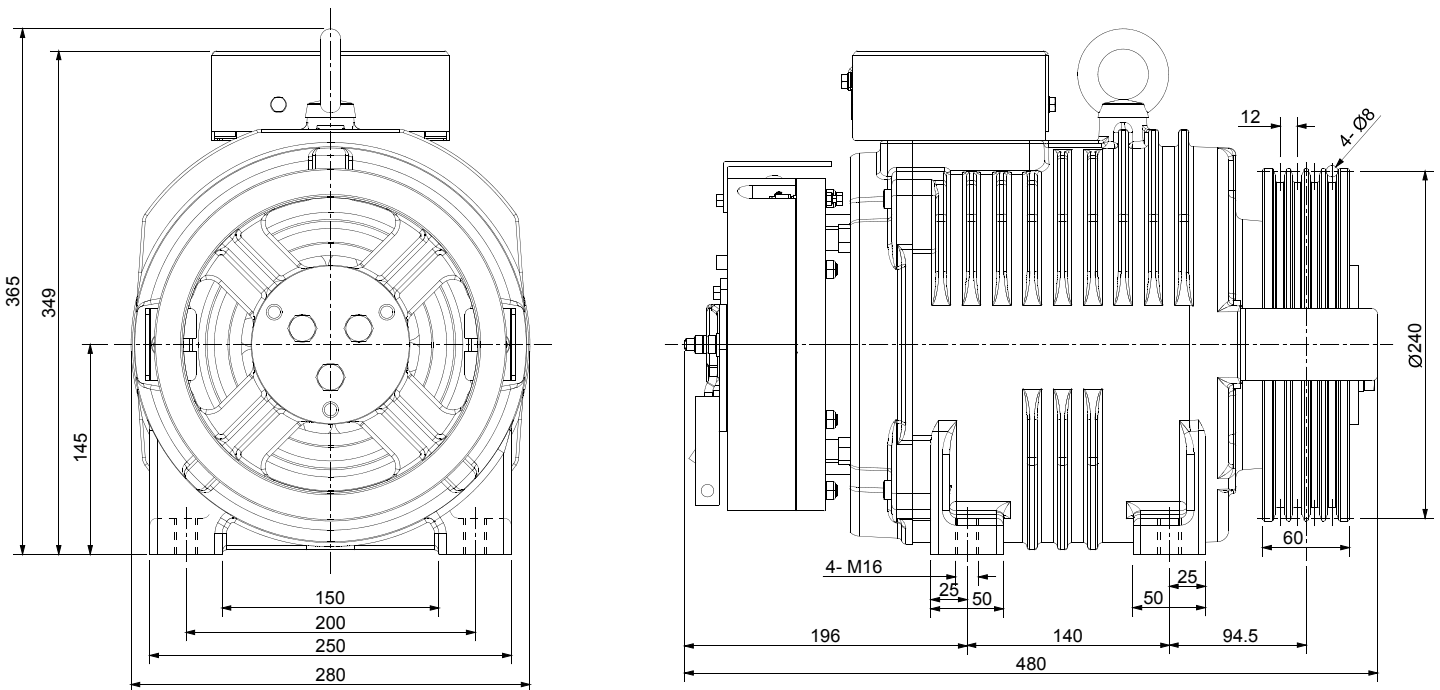


Sheave Diameter **240 mm**  
 Brake Torque **2x250 Nm**  
 Brake Voltage **DC110V**  
 Roping **2:1**  
 Work Duty **S5-40%**  
 Wrapping **Single wrap**  
 CTW **50%**  
 Encoder **SinCos, PPR-2048, Voltage-5Vdc**  
 Insulation Class **F**  
 Protection Grade **IP40**

## SAMPLE CONFIGURATION TABLE

| Model               | Capacity | Elevator Speed | Rated Output | Rated voltage | Rated current | Rated speed | Frequency | Sheave Diameter | Poles | Torque | Ropes | Groove Dist | Shaft Load | Weight |
|---------------------|----------|----------------|--------------|---------------|---------------|-------------|-----------|-----------------|-------|--------|-------|-------------|------------|--------|
|                     | [kg]     | [m/s]          | [kW]         | [V]           | [A]           | [rpm]       | [Hz]      | [mm]            | [2p]  | [Nm]   |       | [mm]        | [kg]       | [kg]   |
| <b>SGI 06-050-A</b> | 408      | 0.50           | 1.32         | 208           | 8.0           | 80          | 10.7      | 240             | 16    | 157    | 4-Φ8  | 12          | 1,150      | 120    |
| <b>SGI 06-100-A</b> | 408      | 1.00           | 2.64         | 360           | 8.0           | 160         | 21.3      | 240             | 16    | 157    | 4-Φ8  | 12          | 1,150      | 120    |

## DIMENSIONS



# SGI06-A

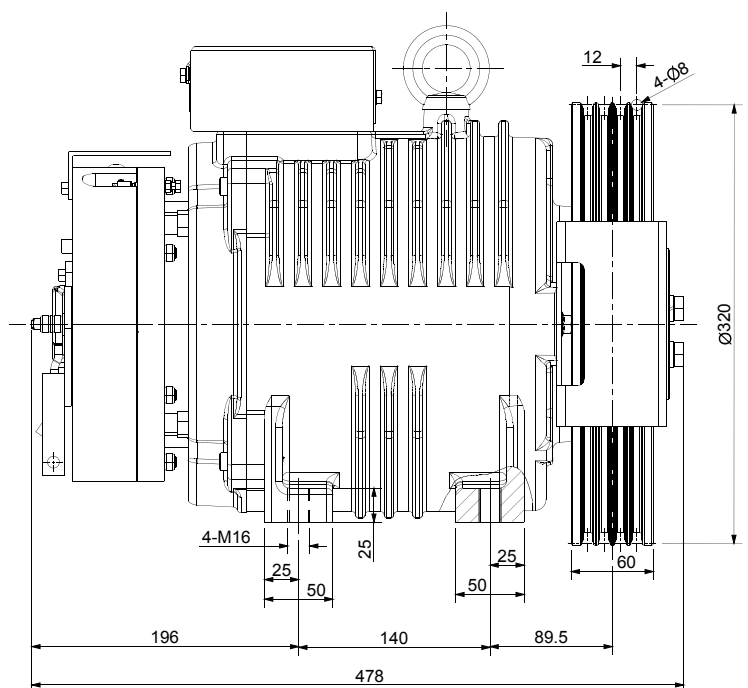
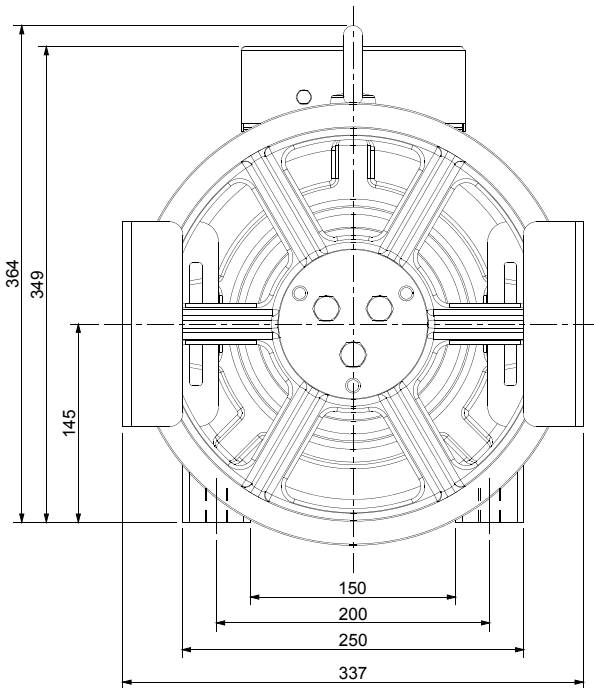


Sheave Diameter **320 mm**  
 Brake Torque **2x250 Nm**  
 Brake Voltage **DC110V**  
 Roping **2:1**  
 Work Duty **S5-40%**  
 Wrapping **Single wrap**  
 CTW **50%**  
 Encoder **SinCos, PPR-2048, Voltage-5Vdc**  
 Insulation Class **F**  
 Protection Grade **IP40**

## SAMPLE CONFIGURATION TABLE

| Model               | Capacity | Elevator Speed | Rated Output | Rated voltage | Rated current | Rated speed | Frequency | Sheave Diameter | Poles | Torque | Ropes | Groove Dist | Shaft Load | Weight |
|---------------------|----------|----------------|--------------|---------------|---------------|-------------|-----------|-----------------|-------|--------|-------|-------------|------------|--------|
|                     | [kg]     | [m/s]          | [kW]         | [V]           | [A]           | [rpm]       | [Hz]      | [mm]            | [2p]  | [Nm]   |       | [mm]        | [kg]       | [kg]   |
| <b>SGI 06-050-A</b> | 408      | 0.50           | 1.32         | 208           | 8.0           | 60          | 8.0       | 320             | 16    | 210    | 4-Φ8  | 12          | 1,800      | 125    |
| <b>SGI 06-100-A</b> | 408      | 1.00           | 2.64         | 360           | 8.0           | 120         | 16.0      | 320             | 16    | 210    | 4-Φ8  | 12          | 1,800      | 125    |

## DIMENSIONS



# SGI06-B

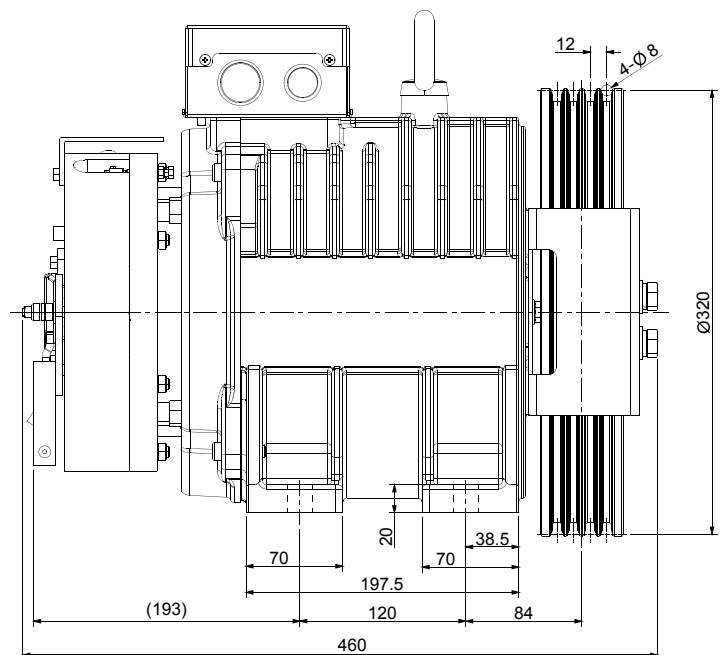
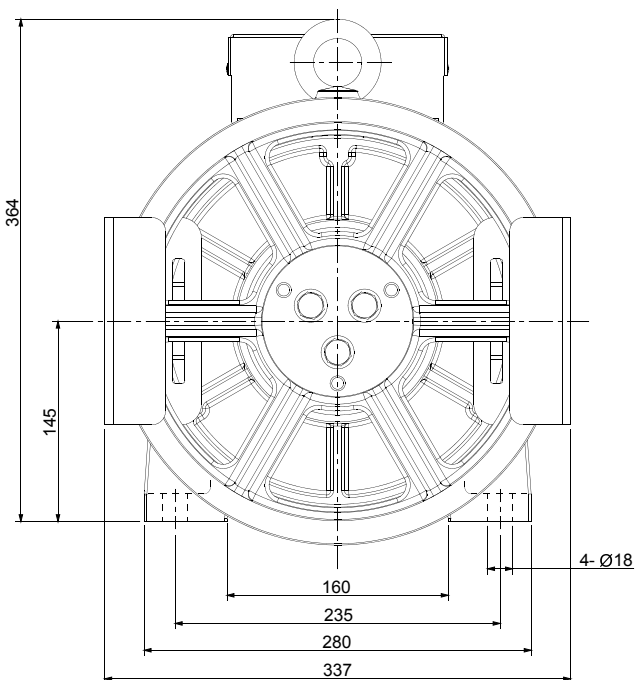


Sheave Diameter **320 mm**  
 Brake Torque **2x250 Nm**  
 Brake Voltage **DC110V**  
 Roping **2:1**  
 Work Duty **S5-40%**  
 Wrapping **Single wrap**  
 CTW **50%**  
 Encoder **SinCos, PPR-2048, Voltage-5Vdc**  
 Insulation Class **F**  
 Protection Grade **IP40**

## SAMPLE CONFIGURATION TABLE

| Model               | Capacity | Elevator Speed | Rated Output | Rated voltage | Rated current | Rated speed | Frequency | Sheave Diameter | Poles | Torque | Ropes | Groove Dist | Shaft Load | Weight |
|---------------------|----------|----------------|--------------|---------------|---------------|-------------|-----------|-----------------|-------|--------|-------|-------------|------------|--------|
|                     | [kg]     | [m/s]          | [kW]         | [V]           | [A]           | [rpm]       | [Hz]      | [mm]            | [2p]  | [Nm]   |       | [mm]        | [kg]       | [kg]   |
| <b>SGI 06-150-B</b> | 408      | 1.50           | 3.94         | 360           | 12.0          | 179         | 23.9      | 320             | 16    | 210    | 4-Φ8  | 12          | 1,800      | 120    |

## DIMENSIONS



# SGI08-B

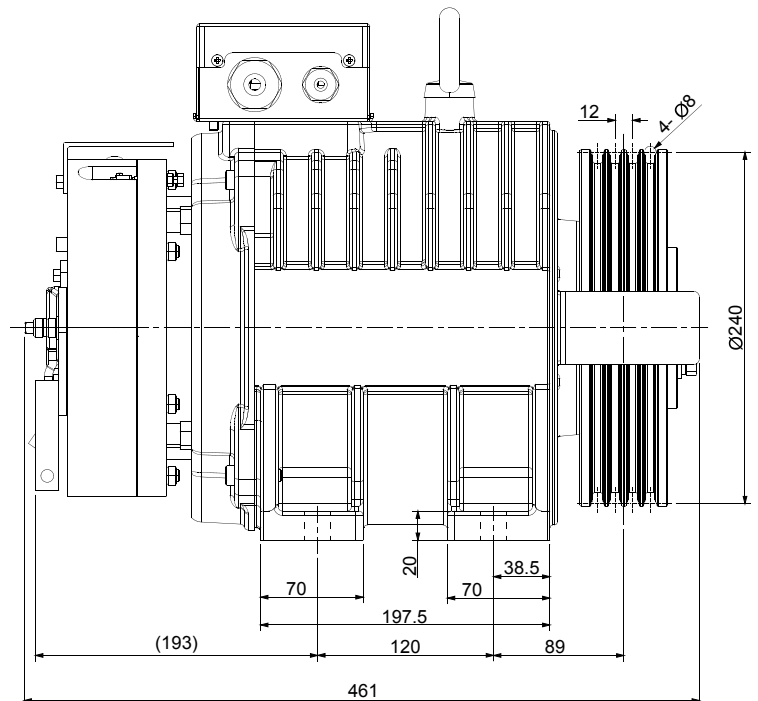
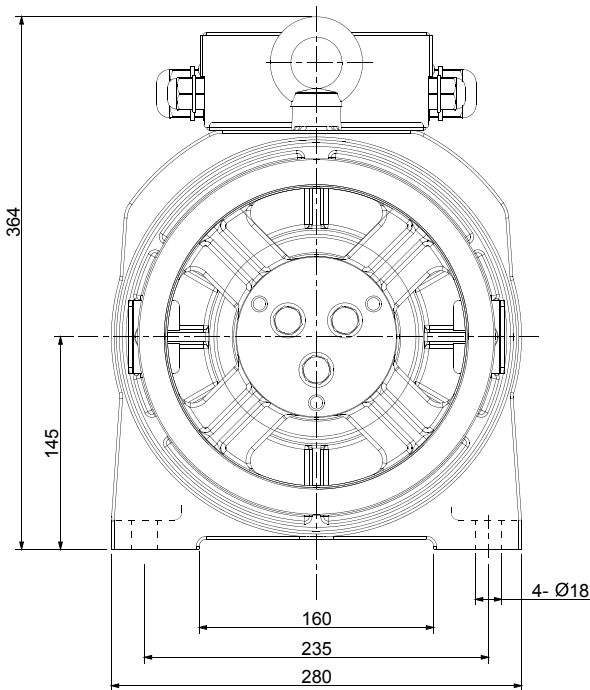


Sheave Diameter **240 mm**  
 Brake Torque **2x250 Nm**  
 Brake Voltage **DC110V**  
 Roping **2:1**  
 Work Duty **S5-40%**  
 Wrapping **Single wrap**  
 CTW **50%**  
 Encoder **SinCos, PPR-2048, Voltage-5Vdc**  
 Insulation Class **F**  
 Protection Grade **IP40**

**SAMPLE CONFIGURATION TABLE**

| Model               | Capacity | Elevator Speed | Rated Output | Rated voltage | Rated current | Rated speed | Frequency | Sheave Diameter | Poles | Torque | Ropes | Groove Dist | Shaft Load | Weight |
|---------------------|----------|----------------|--------------|---------------|---------------|-------------|-----------|-----------------|-------|--------|-------|-------------|------------|--------|
|                     | [kg]     | [m/s]          | [kW]         | [V]           | [A]           | [rpm]       | [Hz]      | [mm]            | [2p]  | [Nm]   |       | [mm]        | [kg]       | [kg]   |
| <b>SGI 08-100-B</b> | 544      | 1.00           | 3.52         | 360           | 11.5          | 160         | 21.3      | 240             | 16    | 210    | 4-Φ8  | 12          | 1,800      | 120    |

**DIMENSIONS**



# SGI08-B

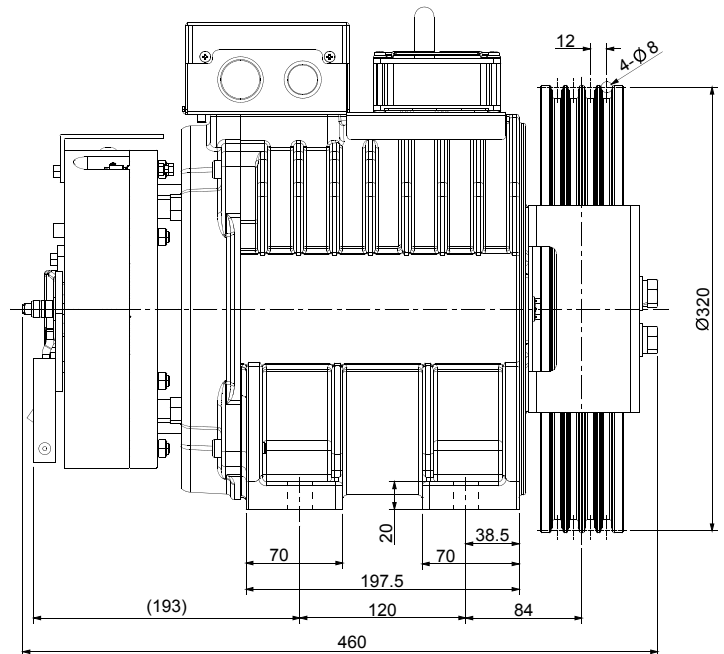
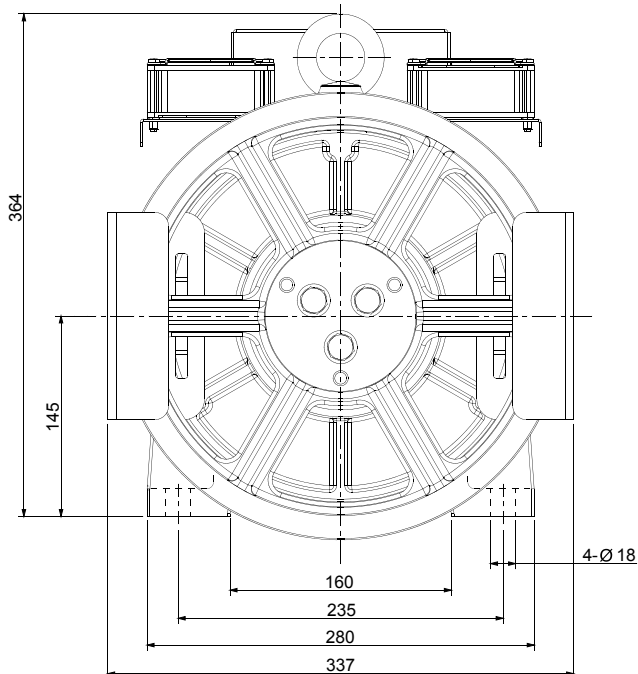


Sheave Diameter **320 mm**  
 Brake Torque **2x400 Nm**  
 Brake Voltage **DC110V**  
 Roping **2:1**  
 Work Duty **S5-40%**  
 Wrapping **Single wrap**  
 CTW **50%**  
 Encoder **SinCos, PPR-2048, Voltage-5Vdc**  
 Insulation Class **F**  
 Protection Grade **IP40**

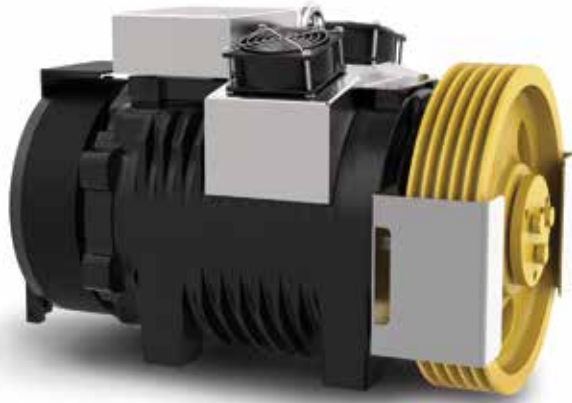
**SAMPLE CONFIGURATION TABLE**

| Model               | Capacity | Elevator Speed | Rated Output | Rated voltage | Rated current | Rated speed | Frequency | Sheave Diameter | Poles | Torque | Ropes | Groove Dist | Shaft Load | Weight |
|---------------------|----------|----------------|--------------|---------------|---------------|-------------|-----------|-----------------|-------|--------|-------|-------------|------------|--------|
|                     | [kg]     | [m/s]          | [kW]         | [V]           | [A]           | [rpm]       | [Hz]      | [mm]            | [2p]  | [Nm]   |       | [mm]        | [kg]       | [kg]   |
| <b>SGI 08-100-B</b> | 544      | 1.00           | 3.56         | 360           | 11.0          | 120         | 16.0      | 320             | 16    | 283    | 4-Φ8  | 12          | 1,800      | 135    |
| <b>SGI 08-125-B</b> | 544      | 1.25           | 4.42         | 360           | 15.5          | 149         | 19.9      | 320             | 16    | 283    | 4-Φ8  | 12          | 1,800      | 135    |
| <b>SGI 08-150-B</b> | 544      | 1.50           | 5.30         | 360           | 15.5          | 179         | 23.9      | 320             | 16    | 283    | 4-Φ8  | 12          | 1,800      | 135    |
| <b>SGI 08-175-B</b> | 544      | 1.75           | 6.20         | 360           | 18.0          | 209         | 34.8      | 320             | 16    | 283    | 4-Φ8  | 12          | 1,800      | 135    |

**DIMENSIONS**



# SG110-N

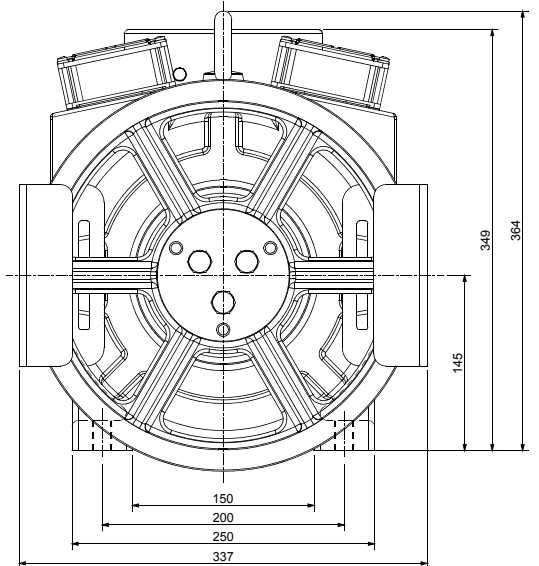
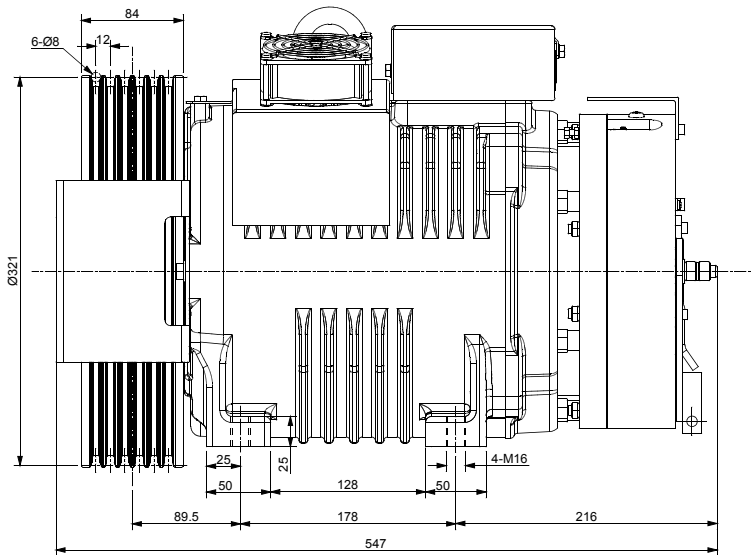


Brake Torque **2x400 Nm**  
 Brake Voltage **DC110V**  
 Roping **2:1**  
 Work Duty **S5-40%**  
 Wrapping **Single wrap**  
 CTW **50%**  
 Encoder **SinCos, PPR-2048, Voltage-5Vdc**  
 Insulation Class **F**  
 Protection Grade **IP40**

**SAMPLE CONFIGURATION TABLE**

| Model               | Capacity | Elevator Speed | Rated Output | Rated voltage | Rated current | Rated speed | Frequency | Sheave Diameter | Poles | Torque | Ropes | Groove Dist | Shaft Load | Weight |
|---------------------|----------|----------------|--------------|---------------|---------------|-------------|-----------|-----------------|-------|--------|-------|-------------|------------|--------|
|                     | [kg]     | [m/s]          | [kW]         | [V]           | [A]           | [rpm]       | [Hz]      | [mm]            | [2p]  | [Nm]   |       | [mm]        | [kg]       | [kg]   |
| <b>SGI 10-100-N</b> | 680      | 1.00           | 4.59         | 360           | 13.0          | 120         | 20.0      | 320             | 20    | 365    | 6-Φ8  | 12          | 2,000      | 155    |
| <b>SGI 10-125-N</b> | 680      | 1.25           | 5.70         | 360           | 17.7          | 149         | 24.8      | 320             | 20    | 365    | 6-Φ8  | 12          | 2,000      | 155    |
| <b>SGI 10-150-N</b> | 680      | 1.50           | 6.84         | 360           | 17.7          | 179         | 29.8      | 320             | 20    | 365    | 6-Φ8  | 12          | 2,000      | 155    |
| <b>SGI 10-175-N</b> | 680      | 1.75           | 8.03         | 360           | 22.0          | 209         | 34.8      | 320             | 20    | 365    | 6-Φ8  | 12          | 2,000      | 155    |

**DIMENSIONS**



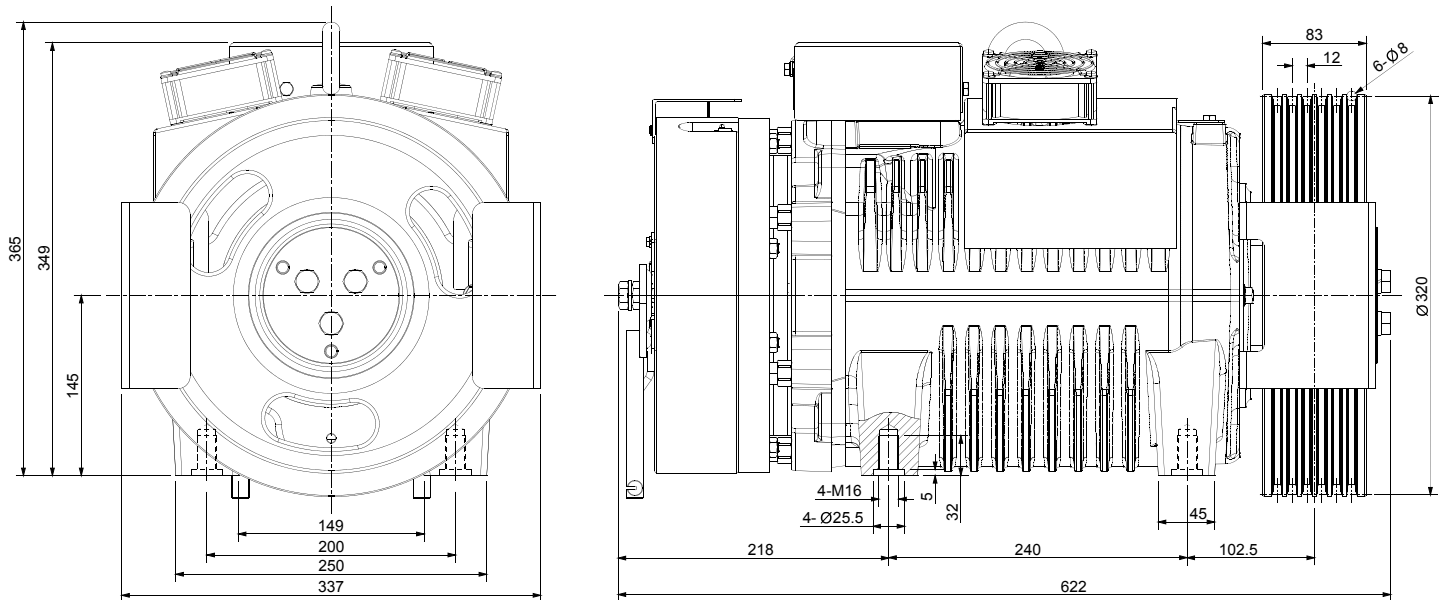


Brake Torque **2x600 Nm**  
 Brake Voltage **DC110V**  
 Roping **2:1**  
 Work Duty **S5-40%**  
 Wrapping **Single wrap**  
 CTW **50%**  
 Encoder **SinCos, PPR-2048, Voltage-5Vdc**  
 Insulation Class **F**  
 Protection Grade **IP40**

**SAMPLE CONFIGURATION TABLE**

| Model               | Capacity | Elevator Speed | Rated Output | Rated voltage | Rated current | Rated speed | Frequency | Sheave Diameter | Poles | Torque | Ropes | Groove Dist | Shaft Load | Weight |
|---------------------|----------|----------------|--------------|---------------|---------------|-------------|-----------|-----------------|-------|--------|-------|-------------|------------|--------|
|                     | [kg]     | [m/s]          | [kW]         | [V]           | [A]           | [rpm]       | [Hz]      | [mm]            | [2p]  | [Nm]   |       | [mm]        | [kg]       | [kg]   |
| <b>SGI 13-100-N</b> | 884      | 1.00           | 5.71         | 360           | 17.8          | 120         | 20.0      | 320             | 20    | 454    | 6-Φ8  | 12          | 2,500      | 205    |
| <b>SGI 13-125-N</b> | 884      | 1.25           | 7.08         | 360           | 23.4          | 149         | 24.8      | 320             | 20    | 454    | 6-Φ8  | 12          | 2,500      | 205    |
| <b>SGI 13-150-N</b> | 884      | 1.50           | 8.51         | 360           | 23.4          | 179         | 29.8      | 320             | 20    | 454    | 6-Φ8  | 12          | 2,500      | 205    |
| <b>SGI 13-175-N</b> | 884      | 1.75           | 9.94         | 360           | 26.6          | 209         | 34.8      | 320             | 20    | 454    | 6-Φ8  | 12          | 2,500      | 205    |

**DIMENSIONS**



# SGI15-N

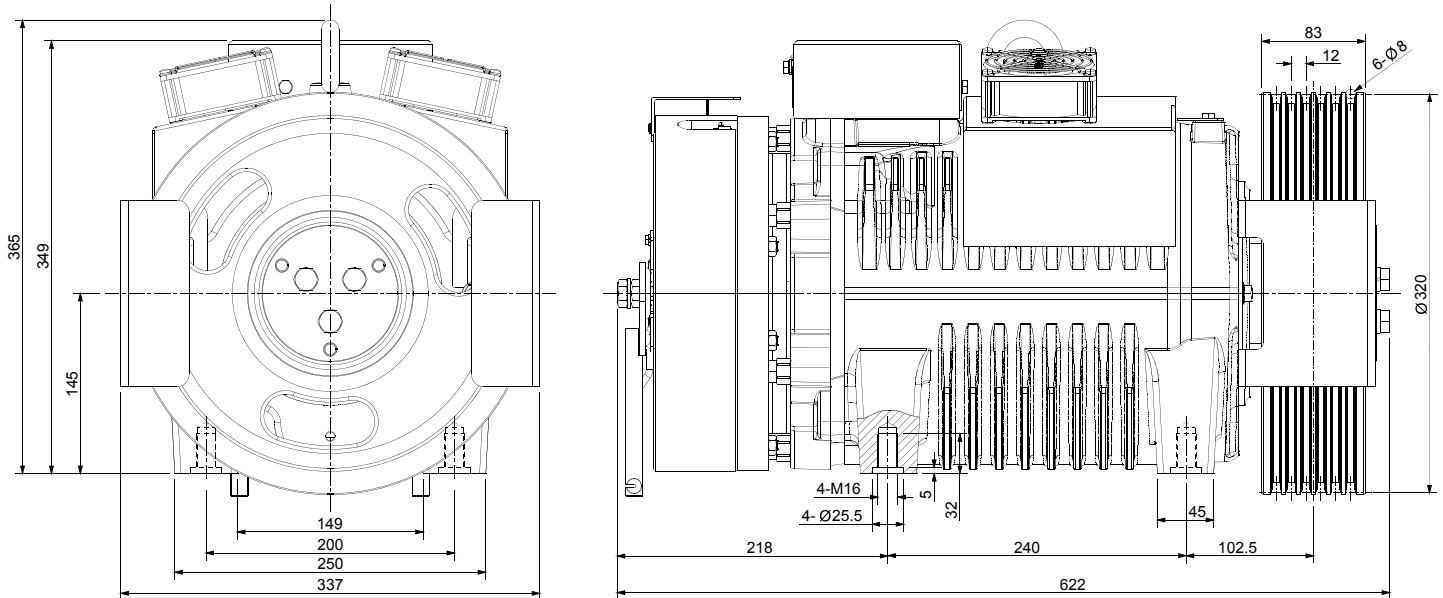


Brake Torque **2x600 Nm**  
 Brake Voltage **DC110V**  
 Roping **2:1**  
 Work Duty **S5-40%**  
 Wrapping **Single wrap**  
 CTW **50%**  
 Encoder **SinCos, PPR-2048, Voltage-5Vdc**  
 Insulation Class **F**  
 Protection Grade **IP40**

## SAMPLE CONFIGURATION TABLE

| Model               | Capacity | Elevator Speed | Rated Output | Rated voltage | Rated current | Rated speed | Frequency | Sheave Diameter | Poles | Torque | Ropes | Groove Dist | Shaft Load | Weight |
|---------------------|----------|----------------|--------------|---------------|---------------|-------------|-----------|-----------------|-------|--------|-------|-------------|------------|--------|
|                     | [kg]     | [m/s]          | [kW]         | [V]           | [A]           | [rpm]       | [Hz]      | [mm]            | [2p]  | [Nm]   |       | [mm]        | [kg]       | [kg]   |
| <b>SGI 15-100-N</b> | 1,020    | 1.00           | 6.22         | 360           | 18.6          | 120         | 20.0      | 320             | 20    | 495    | 6-Φ8  | 12          | 3,000      | 205    |
| <b>SGI 15-125-N</b> | 1,020    | 1.25           | 7.72         | 360           | 25.0          | 149         | 24.8      | 320             | 20    | 495    | 6-Φ8  | 12          | 3,000      | 205    |
| <b>SGI 15-150-N</b> | 1,020    | 1.50           | 9.28         | 360           | 31.5          | 179         | 29.8      | 320             | 20    | 495    | 6-Φ8  | 12          | 3,000      | 205    |
| <b>SGI 15-175-N</b> | 1,020    | 1.75           | 10.83        | 360           | 31.5          | 209         | 34.8      | 320             | 20    | 495    | 6-Φ8  | 12          | 2,500      | 205    |

## DIMENSIONS





# “GEARLESS SGP”

|           |      |
|-----------|------|
| SGP06     | p.20 |
| SGP06-200 | p.21 |
| SGP08     | p.22 |
| SGP08-200 | p.23 |
| SGP10     | p.24 |
| SGP13     | p.25 |
| SGP16     | p.26 |
| SGP16-200 | p.27 |
| SGP20     | p.28 |
| SGP24     | p.29 |
| SGP26     | p.30 |



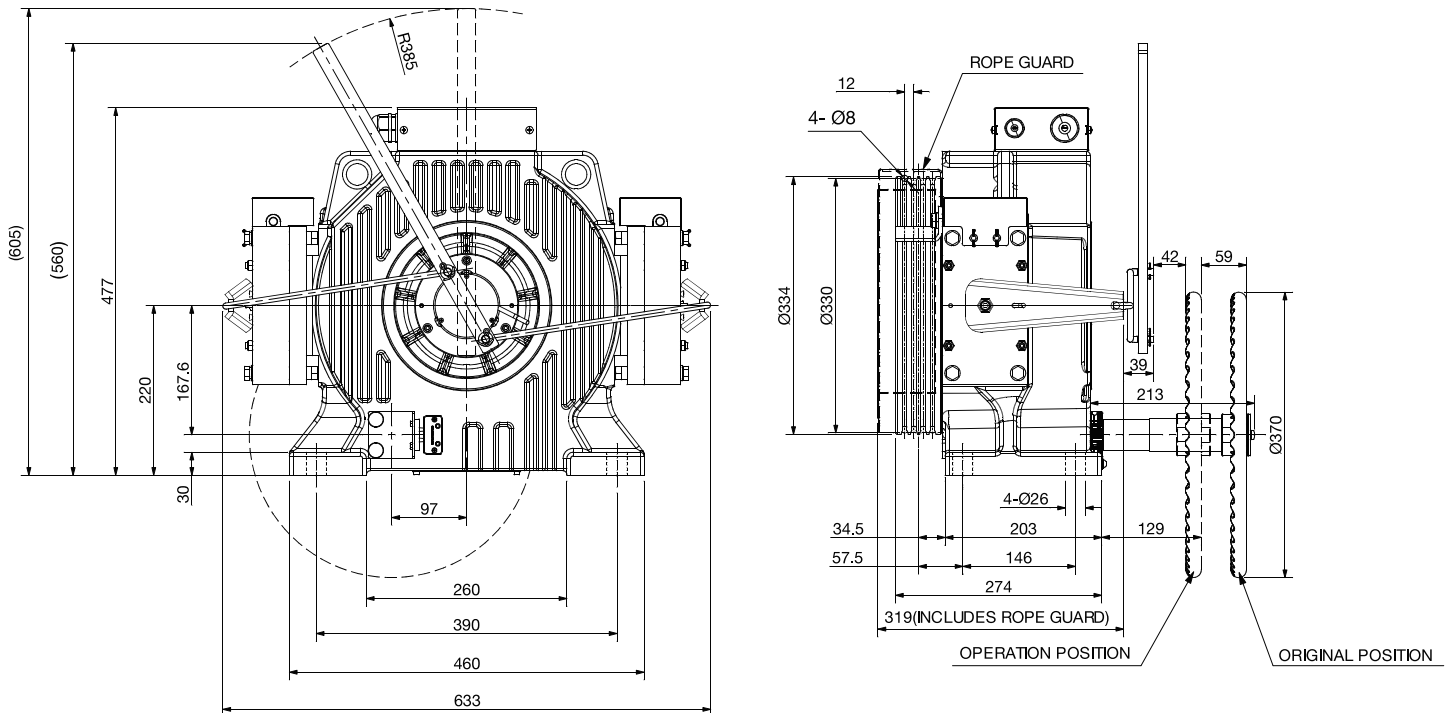


Brake Torque **2x340 Nm**  
 Brake Voltage **DC110V**  
 Roping **2:1**  
 Work Duty **S5-40%180 starts per hour**  
 Wrapping **Single wrap**  
 CTW **46%~50%.**  
 Insulation Class **F**  
 Protection Grade **IP40**  
 Elevator Application **MRO, MRL**  
 Groove Profile **"Undercut U" ANGLE  $\beta=90^\circ$   $\gamma=30^\circ$**

## CONFIGURATION TABLE

| Model            | Capacity | Elevator Speed | Rated Output | Rated Voltage | Rated Current | Rated Speed | Frequency | Sheave Diameter | Poles | Torque | Ropes       | Groove Dist. | Shaft Load | Weight |
|------------------|----------|----------------|--------------|---------------|---------------|-------------|-----------|-----------------|-------|--------|-------------|--------------|------------|--------|
|                  | kg       | m/s            | kW           | V             | A             | rpm         | Hz        | mm              | 2p    | Nm     |             | mm           | kg         | kg     |
| <b>SGP06-100</b> | 408      | 1.00           | 2.5          | 360           | 6.5           | 116         | 23.2      | 330             | 24    | 207    | 4- $\Phi 8$ | 12           | 1,600      | 180    |
| <b>SGP06-150</b> | 408      | 1.50           | 3.8          | 360           | 10.5          | 174         | 34.8      | 330             | 24    | 207    | 4- $\Phi 8$ | 12           | 1,600      | 180    |
| <b>SGP06-175</b> | 408      | 1.75           | 4.4          | 360           | 10.5          | 203         | 40.6      | 330             | 24    | 207    | 4- $\Phi 8$ | 12           | 1,600      | 180    |

## DIMENSIONS



## SGP06-200



Brake Torque **2x530 Nm**

Brake Voltage **DC110V**

## Roping **2:1**

Work Duty **S5-40%180 starts per hour**

## Wrapping **Single wrap**

CTW **46%~50%.**

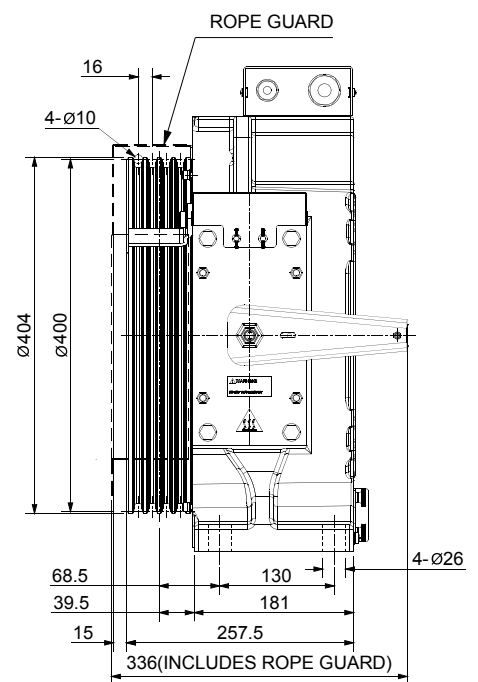
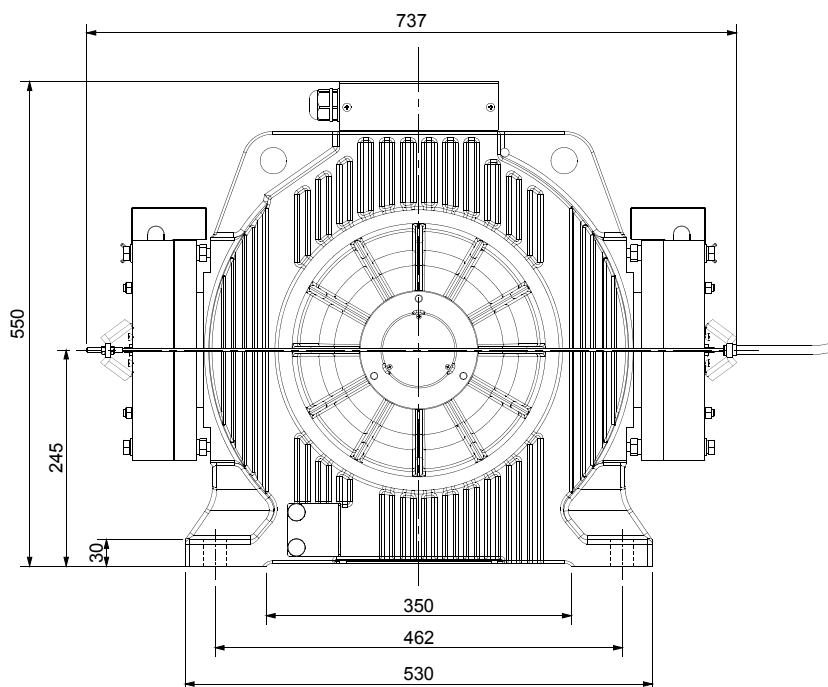
Insulation Class **F**Protection Grade **IP40**Elevator Application **MRO, MRL**

Groove Profile **"Undercut U" ANGLE  $\beta=95^\circ$   $\gamma=30^\circ$**

## CONFIGURATION TABLE

| Model     | Capacity | Elevator Speed | Rated Output | Rated Voltage | Rated Current | Rated Speed | Frequency | Sheave Diameter | Poles | Torque | Ropes | Groove Dist. | Shaft Load | Weight |
|-----------|----------|----------------|--------------|---------------|---------------|-------------|-----------|-----------------|-------|--------|-------|--------------|------------|--------|
|           | kg       | m/s            | kW           | V             | A             | rpm         | Hz        | mm              | 2p    | Nm     |       | mm           | kg         | kg     |
| SGP06-200 | 408      | 2.00           | 5.1          | 360           | 13.0          | 191         | 50.9      | 400             | 32    | 255    | 4-Φ10 | 16           | 2,000      | 245    |

## DIMENSIONS



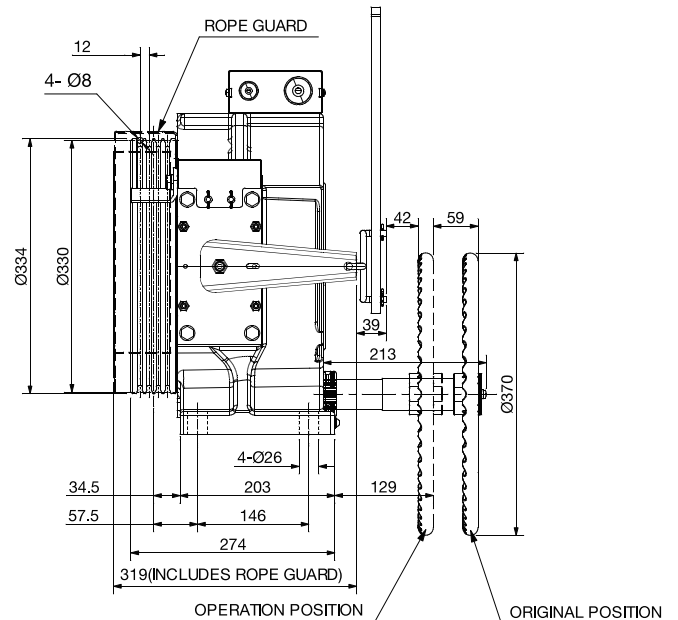
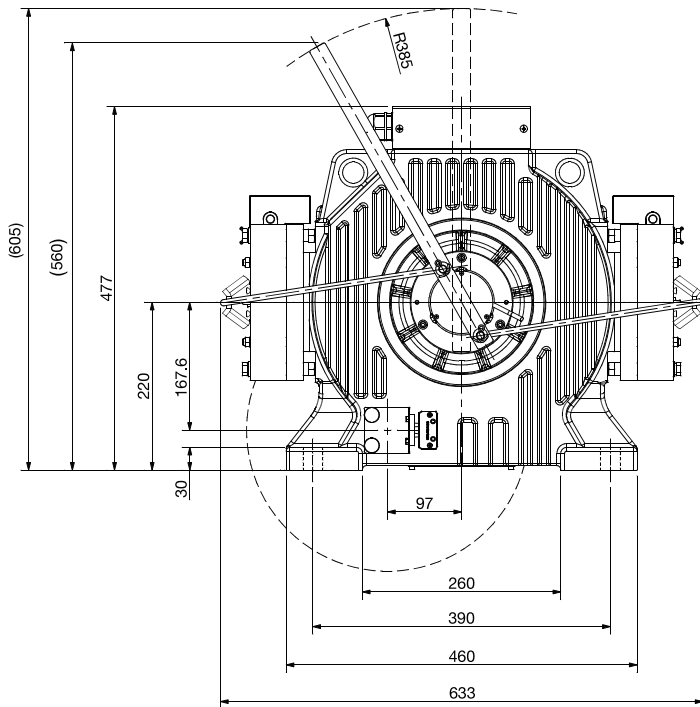


Brake Torque **2x340 Nm**  
 Brake Voltage **DC110V**  
 Roping **2:1**  
 Work Duty **S5-40%180 starts per hour**  
 Wrapping **Single wrap**  
 CTW **46%~50%.**  
 Insulation Class **F**  
 Protection Grade **IP40**  
 Elevator Application **MRO, MRL**  
 Groove Profile **"Undercut U" ANGLE  $\beta=90^\circ$   $\gamma=30^\circ$**

## CONFIGURATION TABLE

| Model            | Capacity | Elevator Speed | Rated Output | Rated Voltage | Rated Current | Rated Speed | Frequency | Sheave Diameter | Poles | Torque | Ropes       | Groove Dist. | Shaft Load | Weight |
|------------------|----------|----------------|--------------|---------------|---------------|-------------|-----------|-----------------|-------|--------|-------------|--------------|------------|--------|
|                  | kg       | m/s            | kW           | V             | A             | rpm         | Hz        | mm              | 2p    | Nm     |             | mm           | kg         | kg     |
| <b>SGP08-100</b> | 544      | 1.00           | 3.3          | 360           | 8.5           | 116         | 23.2      | 330             | 24    | 275    | 4- $\Phi 8$ | 12           | 1,600      | 190    |
| <b>SGP08-150</b> | 544      | 1.50           | 5.0          | 360           | 13.0          | 174         | 34.8      | 330             | 24    | 275    | 4- $\Phi 8$ | 12           | 1,600      | 190    |
| <b>SGP08-175</b> | 544      | 1.75           | 5.8          | 360           | 13.0          | 203         | 40.6      | 330             | 24    | 275    | 4- $\Phi 8$ | 12           | 1,600      | 190    |

## DIMENSIONS



# SGP08-200

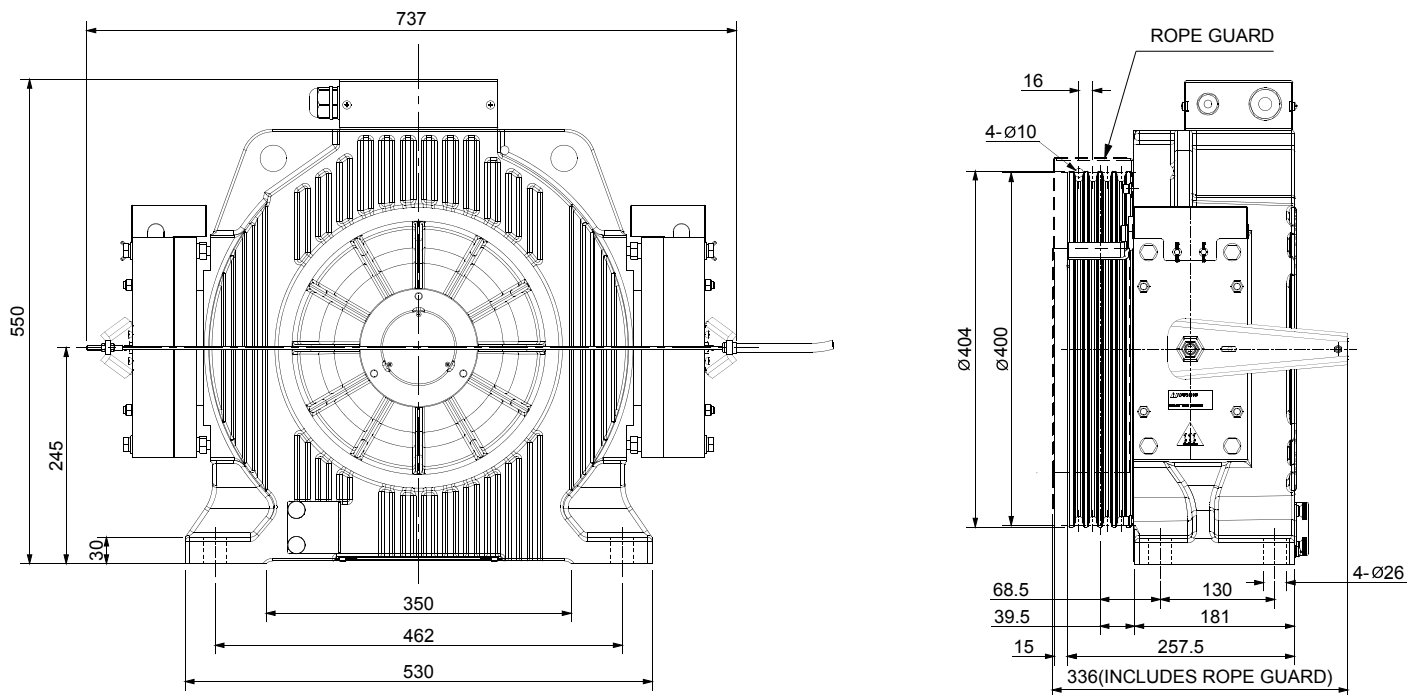


Brake Torque **2x530 Nm**  
 Brake Voltage **DC110V**  
 Roping **2:1**  
 Work Duty **S5-40%180 starts per hour**  
 Wrapping **Single wrap**  
 CTW **46%~50%.**  
 Insulation Class **F**  
 Protection Grade **IP40**  
 Elevator Application **MRO, MRL**  
 Groove Profile **"Undercut U" ANGLE  $\beta=95^\circ$   $\gamma=30^\circ$**

## CONFIGURATION TABLE

| Model            | Capacity | Elevator Speed | Rated Output | Rated Voltage | Rated Current | Rated Speed | Frequency | Sheave Diameter | Poles | Torque | Ropes        | Groove Dist. | Shaft Load | Weight |
|------------------|----------|----------------|--------------|---------------|---------------|-------------|-----------|-----------------|-------|--------|--------------|--------------|------------|--------|
|                  | kg       | m/s            | kW           | V             | A             | rpm         | Hz        | mm              | 2p    | Nm     |              | mm           | kg         | kg     |
| <b>SGP08-200</b> | 544      | 2.00           | 6.8          | 360           | 17.0          | 191         | 50.9      | 400             | 32    | 340    | 4- $\Phi$ 10 | 16           | 2,000      | 245    |

## DIMENSIONS



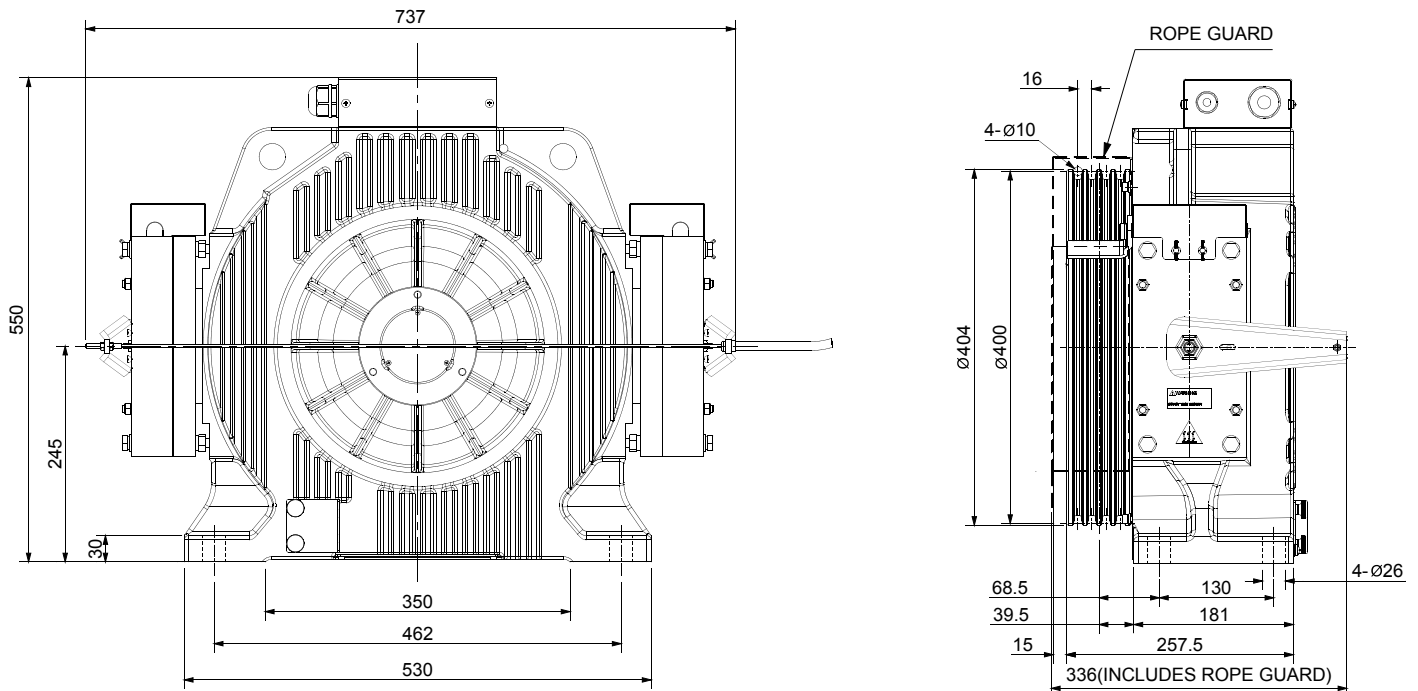


Brake Torque **2x530 Nm**  
 Brake Voltage **DC110V**  
 Roping **2:1**  
 Work Duty **S5-40%180 starts per hour**  
 Wrapping **Single wrap**  
 CTW **46%~50%.**  
 Insulation Class **F**  
 Protection Grade **IP40**  
 Elevator Application **MRO, MRL**  
 Groove Profile **"Undercut U" ANGLE  $\beta=95^\circ$   $\gamma=30^\circ$**

## CONFIGURATION TABLE

| Model            | Capacity | Elevator Speed | Rated Output | Rated Voltage | Rated Current | Rated Speed | Frequency | Sheave Diameter | Poles | Torque | Ropes        | Groove Dist. | Shaft Load | Weight |
|------------------|----------|----------------|--------------|---------------|---------------|-------------|-----------|-----------------|-------|--------|--------------|--------------|------------|--------|
|                  | kg       | m/s            | kW           | V             | A             | rpm         | Hz        | mm              | 2p    | Nm     |              | mm           | kg         | kg     |
| <b>SGP10-100</b> | 680      | 1.00           | 4.2          | 360           | 10.5          | 95          | 25.3      | 400             | 32    | 419    | 4- $\Phi$ 10 | 16           | 2,000      | 245    |
| <b>SGP10-150</b> | 680      | 1.50           | 6.3          | 360           | 17.0          | 143         | 38.1      | 400             | 32    | 419    | 4- $\Phi$ 10 | 16           | 2,000      | 245    |
| <b>SGP10-175</b> | 680      | 1.75           | 7.3          | 360           | 17.0          | 167         | 44.5      | 400             | 32    | 419    | 4- $\Phi$ 10 | 16           | 2,000      | 245    |
| <b>SGP10-200</b> | 680      | 2.00           | 8.5          | 360           | 24.5          | 191         | 50.9      | 400             | 32    | 425    | 4- $\Phi$ 10 | 16           | 2,000      | 245    |

## DIMENSIONS



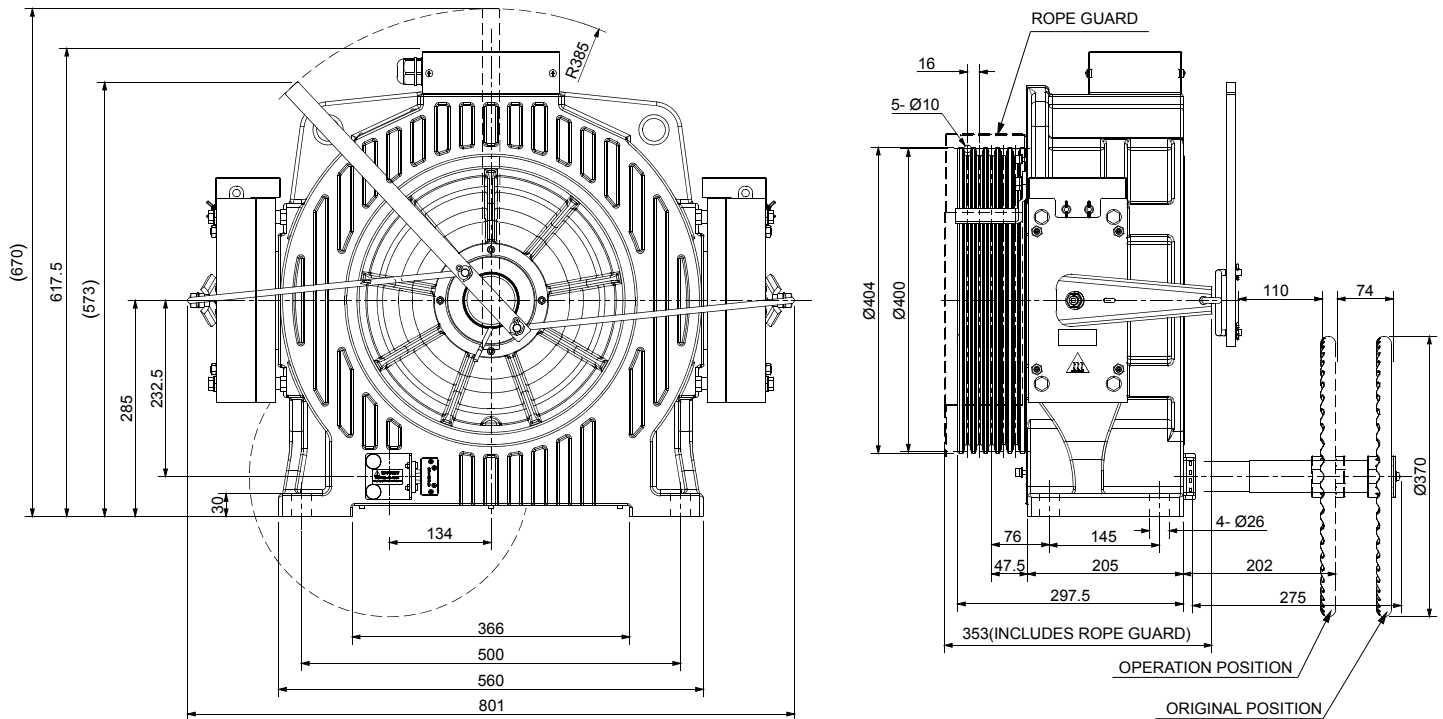


Brake Torque **2x840 Nm**  
 Brake Voltage **DC110V**  
 Roping **2:1**  
 Work Duty **S5-40%180 starts per hour**  
 Wrapping **Single wrap**  
 CTW **46%~50%.**  
 Insulation Class **F**  
 Protection Grade **IP40**  
 Elevator Application **MRO, MRL**  
 Groove Profile **"Undercut U" ANGLE  $\beta=95^\circ$   $\gamma=30^\circ$**

## CONFIGURATION TABLE

| Model            | Capacity | Elevator Speed | Rated Output | Rated Voltage | Rated Current | Rated Speed | Frequency | Sheave Diameter | Poles | Torque | Ropes        | Groove Dist. | Shaft Load | Weight |
|------------------|----------|----------------|--------------|---------------|---------------|-------------|-----------|-----------------|-------|--------|--------------|--------------|------------|--------|
|                  | kg       | m/s            | kW           | V             | A             | rpm         | Hz        | mm              | 2p    | Nm     |              | mm           | kg         | kg     |
| <b>SGP13-100</b> | 884      | 1.00           | 5.4          | 360           | 12.5          | 95          | 25.3      | 400             | 32    | 544    | 5- $\Phi$ 10 | 16           | 3,000      | 310    |
| <b>SGP13-150</b> | 884      | 1.50           | 8.1          | 360           | 21.0          | 143         | 38.1      | 400             | 32    | 544    | 5- $\Phi$ 10 | 16           | 3,000      | 310    |
| <b>SGP13-175</b> | 884      | 1.75           | 9.5          | 360           | 21.0          | 167         | 44.5      | 400             | 32    | 544    | 5- $\Phi$ 10 | 16           | 3,000      | 310    |
| <b>SGP13-200</b> | 884      | 2.00           | 10.9         | 360           | 25.0          | 191         | 50.9      | 400             | 32    | 544    | 5- $\Phi$ 10 | 16           | 3,000      | 310    |
| <b>SGP13-250</b> | 884      | 2.50           | 13.6         | 360           | 30.0          | 239         | 63.7      | 400             | 32    | 544    | 5- $\Phi$ 10 | 16           | 3,000      | 310    |

## DIMENSIONS



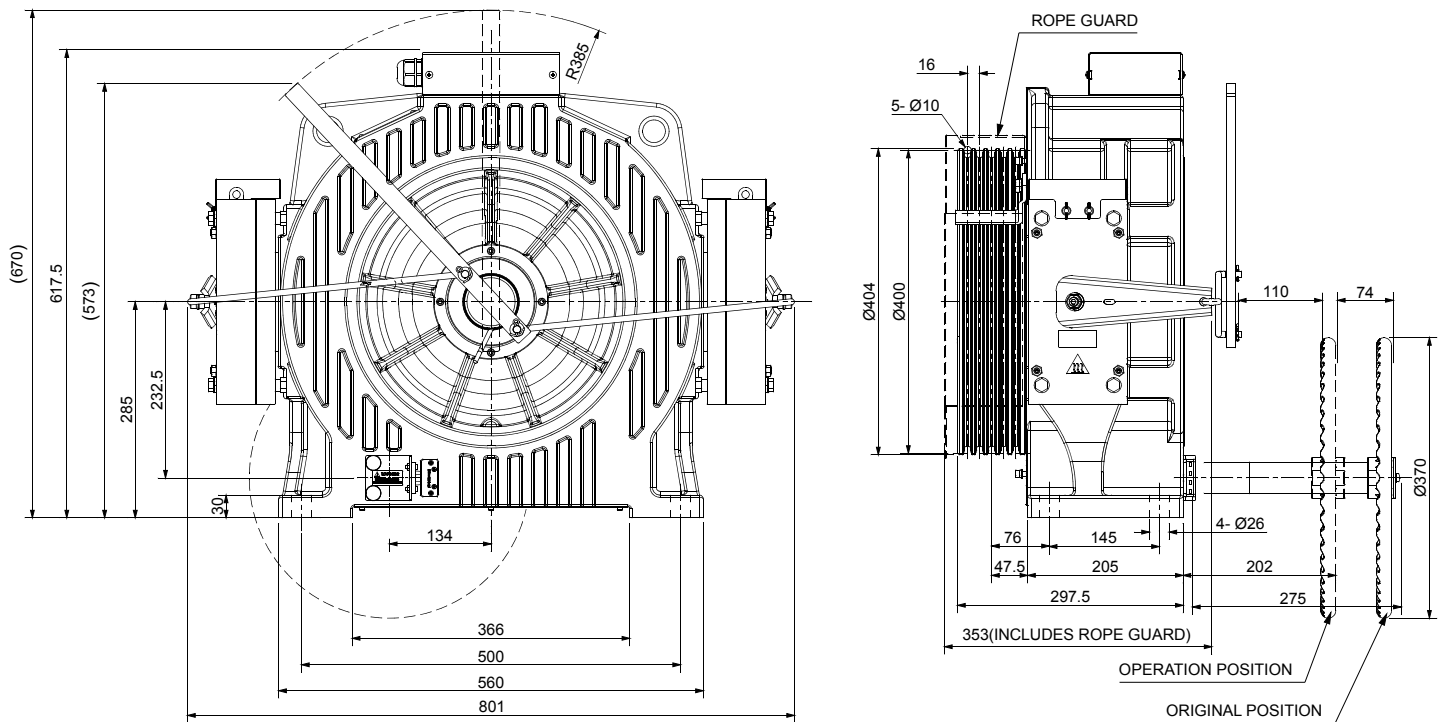


Brake Torque **2x840 Nm**  
 Brake Voltage **DC110V**  
 Roping **2:1**  
 Work Duty **S5-40%180 starts per hour**  
 Wrapping **Single wrap**  
 CTW **46%~50%.**  
 Insulation Class **F**  
 Protection Grade **IP40**  
 Elevator Application **MRO, MRL**  
 Groove Profile **"Undercut U" ANGLE  $\beta=95^\circ$   $\gamma=30^\circ$**

## CONFIGURATION TABLE

| Model            | Capacity | Elevator Speed | Rated Output | Rated Voltage | Rated Current | Rated Speed | Frequency | Sheave Diameter | Poles | Torque | Ropes        | Groove Dist. | Shaft Load | Weight |
|------------------|----------|----------------|--------------|---------------|---------------|-------------|-----------|-----------------|-------|--------|--------------|--------------|------------|--------|
|                  | kg       | m/s            | kW           | V             | A             | rpm         | Hz        | mm              | 2p    | Nm     |              | mm           | kg         | kg     |
| <b>SGP16-100</b> | 1,088    | 1.00           | 6.7          | 360           | 16.0          | 95          | 25.3      | 400             | 32    | 669    | 5- $\Phi$ 10 | 16           | 3,000      | 315    |
| <b>SGP16-150</b> | 1,088    | 1.50           | 10.0         | 360           | 26.5          | 143         | 38.1      | 400             | 32    | 669    | 5- $\Phi$ 10 | 16           | 3,000      | 315    |
| <b>SGP16-175</b> | 1,088    | 1.75           | 11.7         | 360           | 26.5          | 167         | 44.5      | 400             | 32    | 669    | 5- $\Phi$ 10 | 16           | 3,000      | 315    |

## DIMENSIONS



# SGP16-200



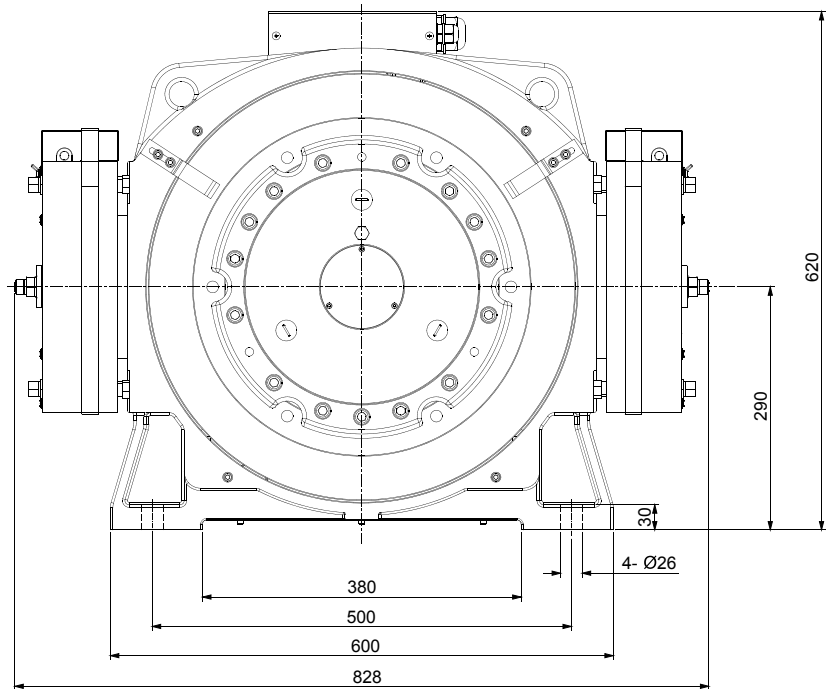
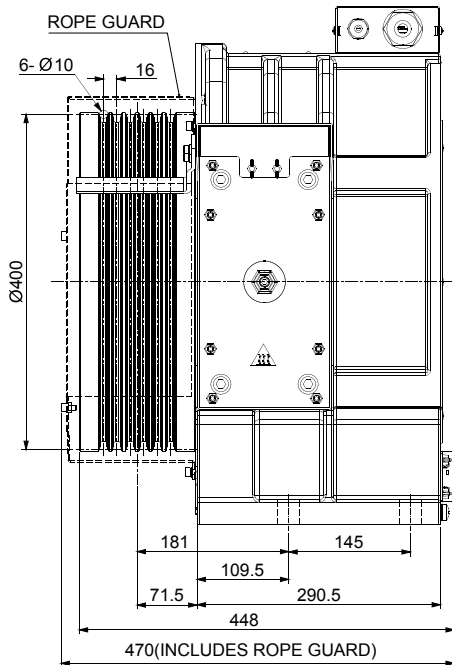
Brake Torque **2x1200 Nm**  
 Brake Voltage **DC110V**  
 Roping **2:1**  
 Work Duty **S5-40%180 starts per hour**  
 Wrapping **Single wrap**  
 CTW **46%~50%.**  
 Insulation Class **F**  
 Protection Grade **IP40**  
 Elevator Application **MRO**  
 Groove Profile **"Undercut U" ANGLE  $\beta=95^\circ$   $\gamma=30^\circ$**

## CONFIGURATION TABLE

| Model            | Capacity | Elevator Speed | Rated Output | Rated Voltage | Rated Current | Rated Speed | Frequency | Sheave Diameter | Poles | Torque | Ropes        | Groove Dist. | Shaft Load | Weight |
|------------------|----------|----------------|--------------|---------------|---------------|-------------|-----------|-----------------|-------|--------|--------------|--------------|------------|--------|
|                  | kg       | m/s            | kW           | V             | A             | rpm         | Hz        | mm              | 2p    | Nm     |              | mm           | kg         | kg     |
| <b>SGP16-200</b> | 1,088    | 2.00           | 13.4         | 360           | 37.0          | 191         | 50.9      | 400             | 32    | 671    | 6- $\Phi$ 10 | 16           | 4,500      | 470    |
| <b>SGP16-250</b> | 1,088    | 2.50           | 16.8         | 360           | 37.0          | 239         | 63.7      | 400             | 32    | 671    | 6- $\Phi$ 10 | 16           | 4,500      | 470    |

For MRL application, manual remote release kit will not be provided with machine, customer need to prepare electrical power for brake remote release function.

## DIMENSIONS





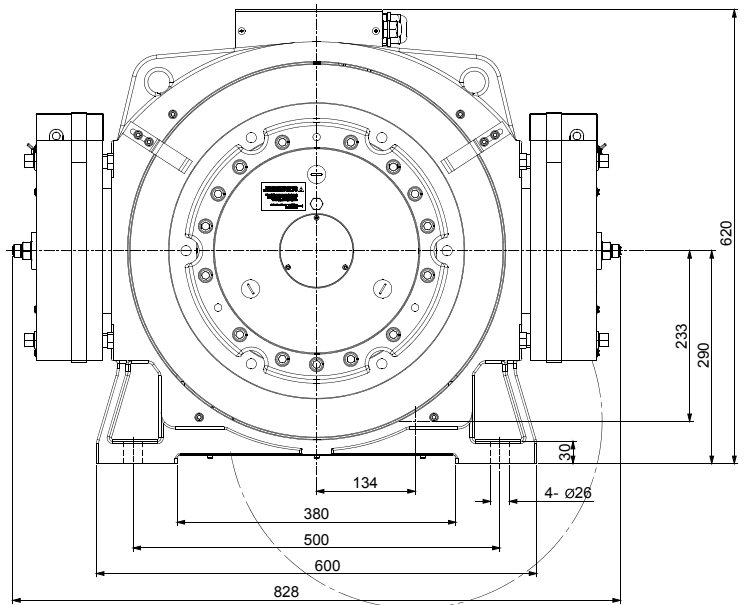
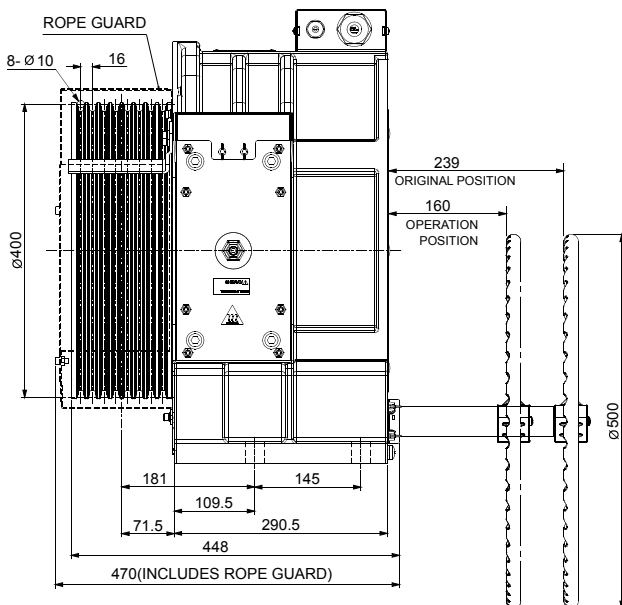
Brake Torque **2x1200 Nm**  
 Brake Voltage **DC110V**  
 Roping **2:1**  
 Work Duty **S5-40%180 starts per hour**  
 Wrapping **Single wrap**  
 CTW **46%~50%.**  
 Insulation Class **F**  
 Protection Grade **IP40**  
 Elevator Application **MRO**  
 Groove Profile **"Undercut U" ANGLE  $\beta=95^\circ$   $\gamma=30^\circ$**

## CONFIGURATION TABLE

| Model            | Capacity | Elevator Speed | Rated Output | Rated Voltage | Rated Current | Rated Speed | Frequency | Sheave Diameter | Poles | Torque | Ropes        | Groove Dist. | Shaft Load | Weight |
|------------------|----------|----------------|--------------|---------------|---------------|-------------|-----------|-----------------|-------|--------|--------------|--------------|------------|--------|
|                  | kg       | m/s            | kW           | V             | A             | rpm         | Hz        | mm              | 2p    | Nm     |              | mm           | kg         | kg     |
| <b>SGP20-100</b> | 1,360    | 1.00           | 9.2          | 360           | 25.5          | 95          | 25.3      | 400             | 32    | 925    | 8- $\Phi$ 10 | 16           | 4,500      | 475    |
| <b>SGP20-125</b> | 1,360    | 1.25           | 11.5         | 360           | 29.5          | 119         | 31.7      | 400             | 32    | 925    | 8- $\Phi$ 10 | 16           | 4,500      | 475    |
| <b>SGP20-150</b> | 1,360    | 1.50           | 13.9         | 360           | 38.5          | 143         | 38.1      | 400             | 32    | 925    | 8- $\Phi$ 10 | 16           | 4,500      | 475    |
| <b>SGP20-175</b> | 1,360    | 1.75           | 16.2         | 360           | 38.5          | 167         | 44.5      | 400             | 32    | 925    | 8- $\Phi$ 10 | 16           | 4,500      | 475    |
| <b>SGP20-200</b> | 1,360    | 2.00           | 18.5         | 360           | 44.5          | 191         | 50.9      | 400             | 32    | 925    | 8- $\Phi$ 10 | 16           | 4,500      | 475    |
| <b>SGP20-250</b> | 1,360    | 2.50           | 23.2         | 360           | 54.0          | 239         | 63.7      | 400             | 32    | 925    | 8- $\Phi$ 10 | 16           | 4,500      | 475    |

For MRL application, manual remote release kit will not be provided with machine, customer need to prepare electrical power for brake remote release function.

## DIMENSIONS



# SGP24



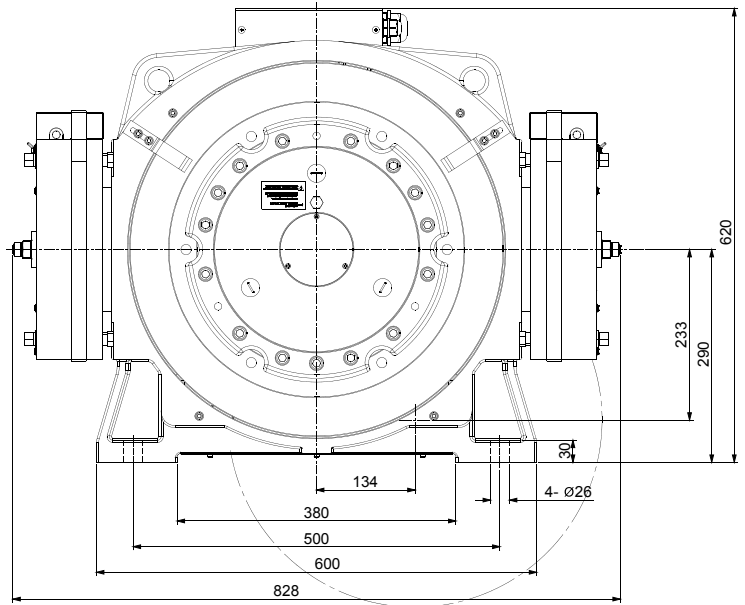
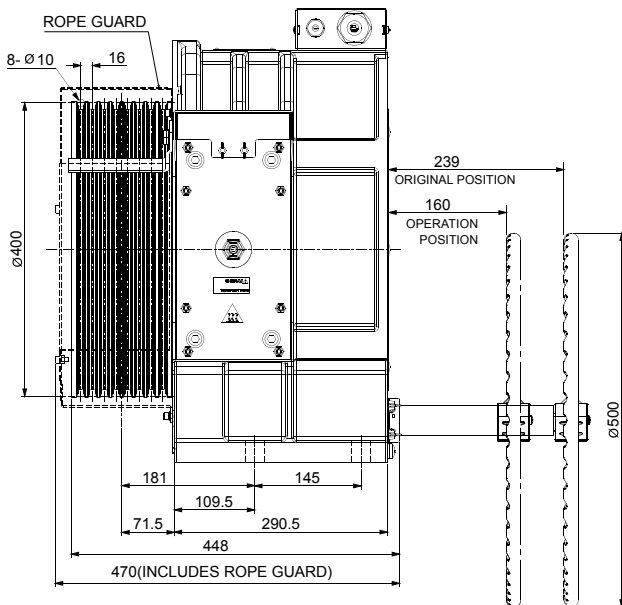
Brake Torque **2x1500 Nm**  
 Brake Voltage **DC110V**  
 Roping **2:1**  
 Work Duty **S5-40%180 starts per hour**  
 Wrapping **Single wrap**  
 CTW **46%~50%.**  
 Insulation Class **F**  
 Protection Grade **IP40**  
 Elevator Application **MRO**  
 Groove Profile **"Undercut U" ANGLE  $\beta=95^\circ$   $\gamma=30^\circ$**

## CONFIGURATION TABLE

| Model            | Capacity | Elevator Speed | Rated Output | Rated Voltage | Rated Current | Rated Speed | Frequency | Sheave Diameter | Poles | Torque | Ropes        | Groove Dist. | Shaft Load | Weight |
|------------------|----------|----------------|--------------|---------------|---------------|-------------|-----------|-----------------|-------|--------|--------------|--------------|------------|--------|
|                  | kg       | m/s            | kW           | V             | A             | rpm         | Hz        | mm              | 2p    | Nm     |              | mm           | kg         | kg     |
| <b>SGP24-100</b> | 1,632    | 1.00           | 10.7         | 360           | 28.5          | 95          | 25.3      | 400             | 32    | 1,070  | 8- $\Phi$ 10 | 16           | 4,500      | 490    |
| <b>SGP24-125</b> | 1,632    | 1.25           | 13.3         | 360           | 32.5          | 119         | 31.7      | 400             | 32    | 1,070  | 8- $\Phi$ 10 | 16           | 4,500      | 490    |
| <b>SGP24-150</b> | 1,632    | 1.50           | 16.0         | 360           | 44.5          | 143         | 38.1      | 400             | 32    | 1,070  | 8- $\Phi$ 10 | 16           | 4,500      | 490    |
| <b>SGP24-175</b> | 1,632    | 1.75           | 18.7         | 360           | 44.5          | 167         | 44.5      | 400             | 32    | 1,070  | 8- $\Phi$ 10 | 16           | 4,500      | 490    |
| <b>SGP24-200</b> | 1,632    | 2.00           | 21.4         | 360           | 51.5          | 191         | 50.9      | 400             | 32    | 1,070  | 8- $\Phi$ 10 | 16           | 4,500      | 490    |
| <b>SGP24-250</b> | 1,632    | 2.50           | 26.8         | 360           | 60.0          | 239         | 63.7      | 400             | 32    | 1,070  | 8- $\Phi$ 10 | 16           | 4,500      | 490    |

For MRL application, manual remote release kit will not be provided with machine, customer need to prepare electrical power for brake remote release function.

## DIMENSIONS





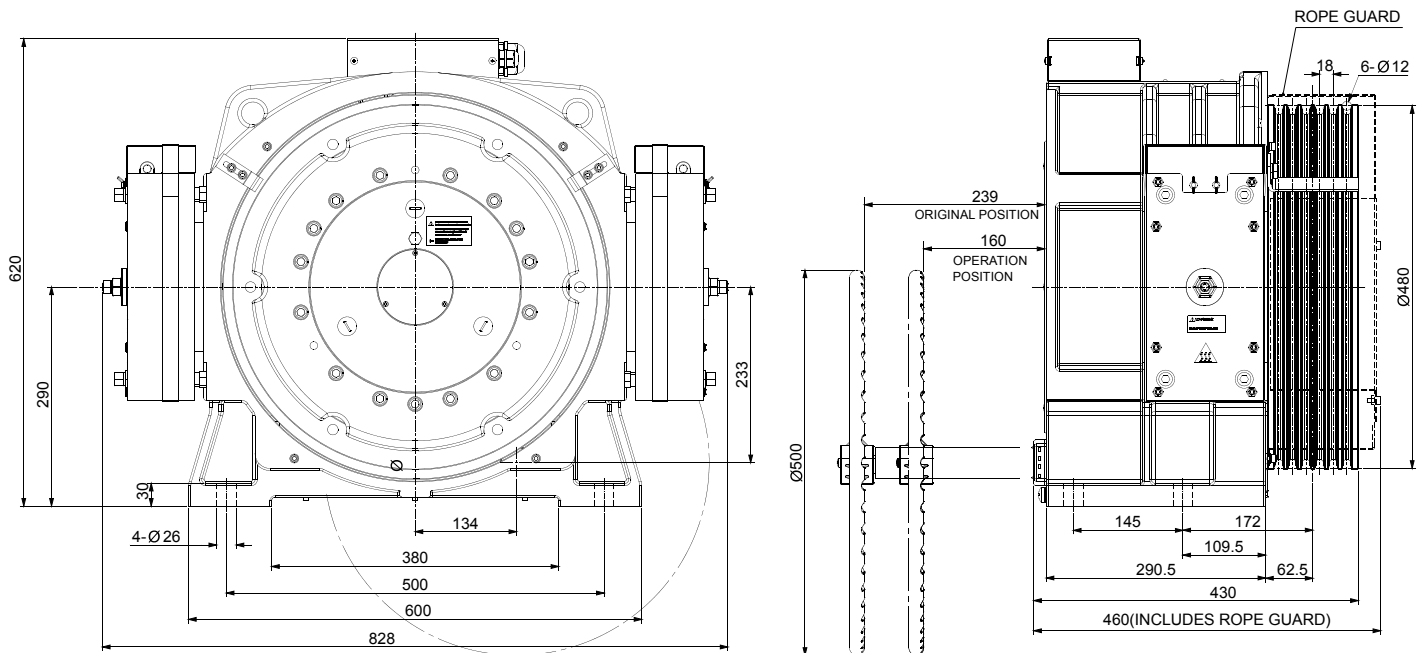
Brake Torque **2x1500 Nm**  
 Brake Voltage **DC110V**  
 Roping **2:1**  
 Work Duty **S5-40%180 starts per hour**  
 Wrapping **Single wrap**  
 CTW **46%~50%.**  
 Insulation Class **F**  
 Protection Grade **IP40**  
 Elevator Application **MRO**  
 Groove Profile **"Undercut U" ANGLE  $\beta=95^\circ$   $\gamma=30^\circ$**

## CONFIGURATION TABLE

| Model            | Capacity | Elevator Speed | Rated Output | Rated Voltage | Rated Current | Rated Speed | Frequency | Sheave Diameter | Poles | Torque | Ropes        | Groove Dist. | Shaft Load | Weight |
|------------------|----------|----------------|--------------|---------------|---------------|-------------|-----------|-----------------|-------|--------|--------------|--------------|------------|--------|
|                  | kg       | m/s            | kW           | V             | A             | rpm         | Hz        | mm              | 2p    | Nm     |              | mm           | kg         | kg     |
| <b>SGP26-100</b> | 1,768    | 1.00           | 11.2         | 360           | 29.0          | 79          | 21.1      | 480             | 32    | 1,350  | 6- $\Phi$ 12 | 18           | 5,000      | 510    |
| <b>SGP26-150</b> | 1,768    | 1.50           | 16.8         | 360           | 47.5          | 119         | 31.7      | 480             | 32    | 1,350  | 6- $\Phi$ 12 | 18           | 5,000      | 510    |
| <b>SGP26-175</b> | 1,768    | 1.75           | 19.7         | 360           | 47.5          | 139         | 37.1      | 480             | 32    | 1,350  | 6- $\Phi$ 12 | 18           | 5,000      | 510    |

For MRL application, manual remote release kit will not be provided with machine, customer need to prepare electrical power for brake remote release function.

## DIMENSIONS







**TRANSIT ELEVATORS PVT. LTD.**

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