



► SGL31  
Elevator traction machine

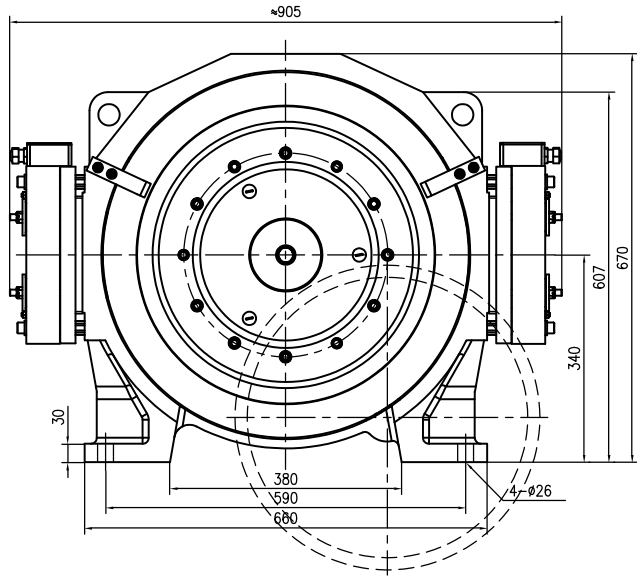
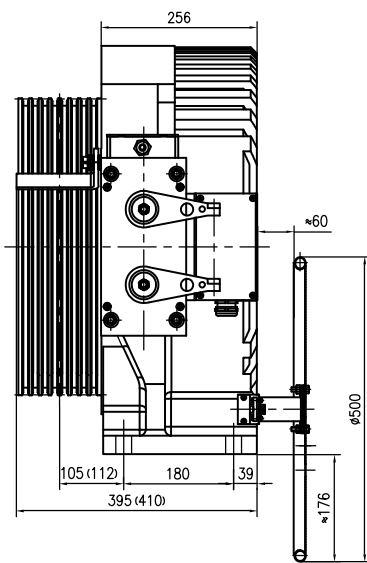
Voltage : 380V

Suspension : 2:1/4:1

FZD14 Brake : DC110V 2×2A

Weight : 580kg

Max.Static Load : 6000kg



REMARK

- 1.The machine can be configured with the remote manual brake release with 4 meter cable.
- 2.The dimension in bracket is applied to the Elevator traction machine with traction sheave Ø410.
- 3.The balance factor of 9 marked specifications is not less than 0.47.

| Spec             | Load (kg) | Lift Speed (m/s) | Sheave Diam(mm) | Rope Sheave(mm) | Current (A) | Torque (Nm) | Rated Speed (rpm) | Frequency (Hz) | Power (kW) | Pole | Rating  | INS.Class | IP Code | Suspension |
|------------------|-----------|------------------|-----------------|-----------------|-------------|-------------|-------------------|----------------|------------|------|---------|-----------|---------|------------|
| SGL31-111P0      | 1150      | 1                | Φ485            | 6×Φ10×16        | 17.4        | 910         | 79                | 21.1           | 7.5        | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-111P5      | 1150      | 1.5              | Φ485            | 6×Φ10×16        | 26.5        | 910         | 118               | 31.5           | 11.2       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-111P6      | 1150      | 1.6              | Φ485            | 6×Φ10×16        | 26.5        | 910         | 126               | 33.6           | 12.0       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-111P7      | 1150      | 1.75             | Φ485            | 6×Φ10×16        | 29.2        | 910         | 138               | 36.8           | 13.1       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-112P0      | 1150      | 2                | Φ485            | 6×Φ10×16        | 33.3        | 910         | 158               | 42.1           | 15.1       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-112P5      | 1150      | 2.5              | Φ485            | 6×Φ10×16        | 41.2        | 910         | 197               | 52.5           | 18.8       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-121P0      | 1250      | 1                | Φ485            | 6×Φ10×16        | 18.9        | 990         | 79                | 21.1           | 8.2        | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-121P5      | 1250      | 1.5              | Φ485            | 6×Φ10×16        | 28.8        | 990         | 118               | 31.5           | 12.2       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-121P6      | 1250      | 1.6              | Φ485            | 6×Φ10×16        | 28.8        | 990         | 126               | 33.6           | 13.1       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-121P7      | 1250      | 1.75             | Φ485            | 6×Φ10×16        | 31.8        | 990         | 138               | 36.8           | 14.3       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-122P0      | 1250      | 2                | Φ485            | 6×Φ10×16        | 36.2        | 990         | 158               | 42.1           | 16.4       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-122P5      | 1250      | 2.5              | Φ485            | 6×Φ10×16        | 44.8        | 990         | 197               | 52.5           | 20.4       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-131P0      | 1350      | 1.0              | Φ485            | 7×Φ10×16        | 19.3        | 1070        | 79                | 21.1           | 8.9        | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-131P5      | 1350      | 1.5              | Φ485            | 7×Φ10×16        | 29.5        | 1070        | 118               | 31.5           | 13.2       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-131P6      | 1350      | 1.6              | Φ485            | 7×Φ10×16        | 29.5        | 1070        | 126               | 33.6           | 14.1       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-131P7      | 1350      | 1.75             | Φ485            | 7×Φ10×16        | 32.2        | 1070        | 138               | 36.8           | 15.5       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-132P0      | 1350      | 2.0              | Φ485            | 7×Φ10×16        | 37.0        | 1070        | 158               | 42.1           | 17.7       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-132P5      | 1350      | 2.5              | Φ485            | 7×Φ10×16        | 45.8        | 1070        | 197               | 52.5           | 22.1       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-161P0      | 1600      | 1.0              | Φ485            | 8×Φ10×16        | 22.8        | 1270        | 79                | 21.1           | 10.5       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-161P5      | 1600      | 1.5              | Φ485            | 8×Φ10×16        | 35.6        | 1270        | 118               | 31.5           | 15.7       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-161P6      | 1600      | 1.6              | Φ485            | 8×Φ10×16        | 35.6        | 1270        | 126               | 33.6           | 16.8       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-161P7      | 1600      | 1.75             | Φ485            | 8×Φ10×16        | 38.7        | 1270        | 138               | 36.8           | 18.4       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-162P0      | 1600      | 2.0              | Φ485            | 8×Φ10×16        | 44.5        | 1270        | 158               | 42.1           | 21.0       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-162P5      | 1600      | 2.5              | Φ485            | 8×Φ10×16        | 55.7        | 1270        | 197               | 52.5           | 26.2       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-131P0A     | 1350      | 1                | Φ410            | 7×Φ10×16        | 21.2        | 910         | 93                | 24.8           | 8.9        | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-131P5A     | 1350      | 1.5              | Φ410            | 7×Φ10×16        | 31.5        | 910         | 140               | 37.3           | 13.3       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-131P6A     | 1350      | 1.6              | Φ410            | 7×Φ10×16        | 31.5        | 910         | 149               | 39.7           | 14.2       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-131P7A     | 1350      | 1.75             | Φ410            | 7×Φ10×16        | 35.5        | 910         | 163               | 43.5           | 15.5       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-132P0A     | 1350      | 2                | Φ410            | 7×Φ10×16        | 38.1        | 910         | 186               | 49.6           | 17.7       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-161P0A     | 1600      | 1.0              | Φ410            | 8×Φ10×16        | 24.3        | 1070        | 93                | 24.8           | 10.4       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-161P5A     | 1600      | 1.5              | Φ410            | 8×Φ10×16        | 36.5        | 1070        | 140               | 37.3           | 15.7       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-161P6A     | 1600      | 1.6              | Φ410            | 8×Φ10×16        | 36.5        | 1070        | 149               | 39.7           | 16.7       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-161P7A     | 1600      | 1.75             | Φ410            | 8×Φ10×16        | 39.8        | 1070        | 163               | 43.5           | 18.3       | 32   | S5(40%) | F         | IP41    | 2:1        |
| SGL31-162P0A     | 1600      | 2.0              | Φ410            | 8×Φ10×16        | 45.5        | 1070        | 186               | 49.6           | 20.8       | 32   | S5(40%) | F         | IP41    | 2:1        |
| ※ SGL31-201P0A   | 2000      | 1.0              | Φ410            | 9×Φ10×16        | 28.4        | 1270        | 93                | 24.8           | 12.4       | 32   | S5(40%) | F         | IP41    | 2:1        |
| ※ SGL31-201P5A   | 2000      | 1.5              | Φ410            | 9×Φ10×16        | 44.1        | 1270        | 140               | 37.3           | 18.6       | 32   | S5(40%) | F         | IP41    | 2:1        |
| ※ SGL31-201P6A   | 2000      | 1.6              | Φ410            | 9×Φ10×16        | 44.1        | 1270        | 149               | 39.7           | 19.8       | 32   | S5(40%) | F         | IP41    | 2:1        |
| ※ SGL31-201P7A   | 2000      | 1.75             | Φ410            | 9×Φ10×16        | 47.3        | 1270        | 163               | 43.5           | 21.7       | 32   | S5(40%) | F         | IP41    | 2:1        |
| ※ SGL31-202P0A   | 2000      | 2.0              | Φ410            | 9×Φ10×16        | 54.4        | 1270        | 186               | 49.6           | 24.7       | 32   | S5(40%) | F         | IP41    | 2:1        |
| ※ SGL31-300P5-4  | 3000      | 0.5              | Φ485            | 8×Φ10×16        | 20.5        | 1113        | 79                | 21.1           | 9.2        | 32   | S5(40%) | F         | IP41    | 4:1        |
| ※ SGL31-301P0-4  | 3000      | 1.0              | Φ485            | 8×Φ10×16        | 39.0        | 1113        | 158               | 42.1           | 18.4       | 32   | S5(40%) | F         | IP41    | 4:1        |
| ※ SGL31-300P5A-4 | 3000      | 0.5              | Φ410            | 8×Φ10×16        | 20.0        | 941         | 93                | 24.8           | 9.2        | 32   | S5(40%) | F         | IP41    | 4:1        |
| ※ SGL31-301P0A-4 | 3000      | 1.0              | Φ410            | 8×Φ10×16        | 40.0        | 941         | 186               | 49.6           | 18.3       | 32   | S5(40%) | F         | IP41    | 4:1        |