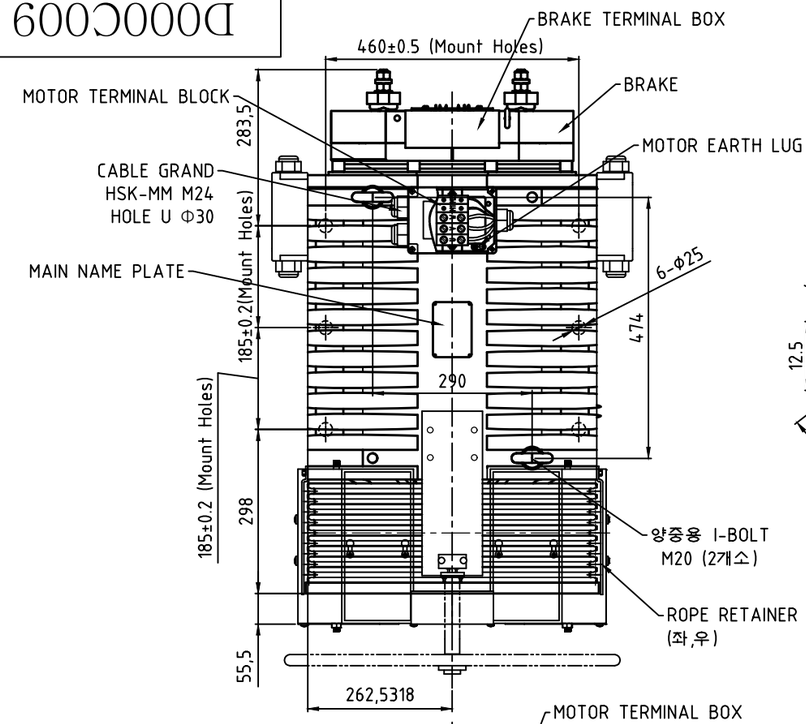
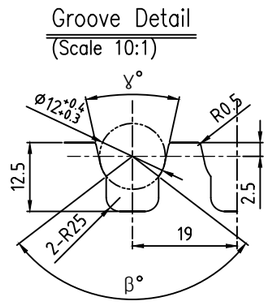
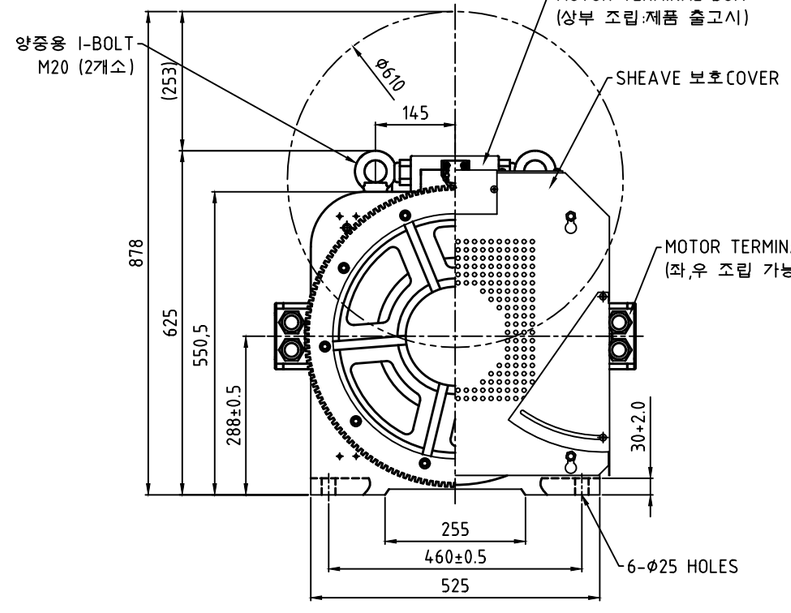
D000C009

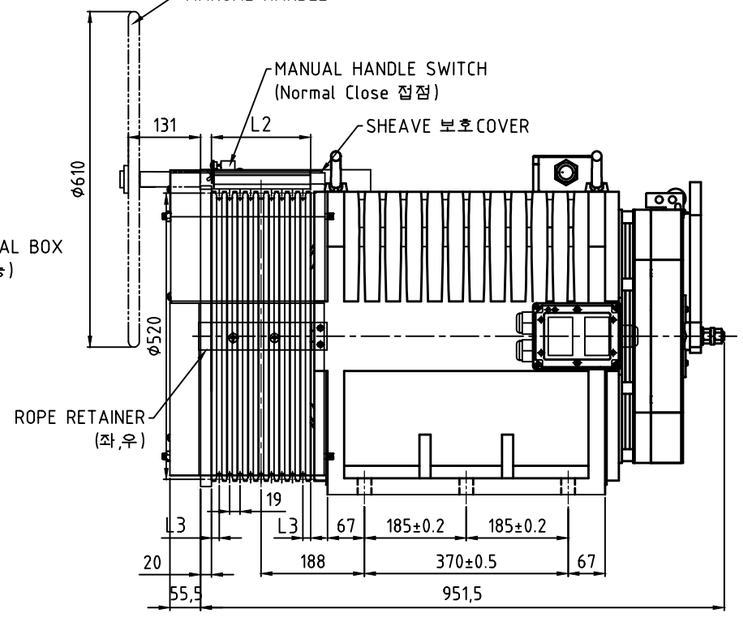



Sheave & Groove 변화 치수표

| SH. Dia. | ød | Rope본수 | L2 | L3 | β° | γ° | 비 고 |
|---|---|---|---|---|---|---|---|
| ø520 | 12 | 3본 | 180 | 71 | 95<br>105 | 25/30<br>25 | |
| ø520 | 12 | 4본 | 180 | 61.5 | 95<br>105 | 25/30<br>25 | |
| ø520 | 12 | 5본 | 180 | 52 | 95<br>105 | 25/30<br>25 | |
| ø520 | 12 | 6본 | 180 | 42.5 | 95<br>105 | 25/30<br>25 | |
| ø520 | 12 | 7본 | 180 | 33 | 95<br>105 | 25/30<br>25 | |
| ø520 | 12 | 8본 | 180 | 23.5 | 95<br>105 | 25/30<br>25 | |
| ø520 | 12 | 9본 | 180 | 14 | 95<br>105 | 25/30<br>25 | |




| GEARLESS TRACTION MACHINE SPEC TABLE | | | |
|---|---|---|---|
| TRACTION MACHINE | Model Name | MONA450 | |
| | Type | Single Wrap Gearless | |
| | Shaft Load [kg] | 12,000 | |
| | Roping | 1 : 1 | 2 : 1 |
| | Rated Load [kg] | 450～1,600 | 2,000～3,000 |
| | Rated Speed [m/s] | 0.5～2.0 | 0.5～1.0 |
| | Rated Power [kW] | 1.5～20.6 | 7.0～20.6 |
| | Rated Volt. [V] | 380 | |
| | Rated Current [A] | 11～48 | 17～48 |
| | Rated Freq. [Hz] | 4.8～19.5 | 9.9～19.5 |
| | Rated Revol. [rpm] | 18～73 | 37～73 |
| | Rated Torq. [N.m] | 780～2,700 | 1,800～2,700 |
| | Pole | 32P | |
| | Rated Operating Time | 40%ED / 1 HOUR DUTY | |
| | Max Hoisting Height[m] | 100 | |
| | IP Class | IP41 | |
| | Weight [kg] | 900 | |
| BRAKE | Model | EMM2K | |
| | Brake Type | Disk Type | |
| | Braking Torq. [N.m] | 2×3,500 = 7,000 | |
| | Pick-up Volt. [V] | DC 110 | |
| | Hold Voltage [V] | DC 80 | |
| | Pick-up Current [A] | 2×2.5 (parallel) | |
| | Hold Current [A] | 2×1.82(parallel) | |
| | Coil Insulation Class | F | |
| ENCODER | Model | ERN1387 (Heidenhain사) | |
| SHEAVE | Sheave P.C.D [mm] | 520 | |
| | Rope Dia. [mm] | ø12 | |
| | Groove count [본] | 3～9 | 7～9 |
| | Pitch [mm] | 19 | |
| BEARING | Front Bearing | 24130CC/W33 | |
| | Rear Bearing | 6322-2RS | |
| MANUAL HANDLE | TM Gear Teeth | 180 | |
| | Handle Gear Teeth | 10 | |
| | Handle Wheel Dia. [mm] | 600 | |

DISTRIBUTION

| MARK | REVISION | DESCRIPTION | DATE | NAME |
|---|---|---|---|---|
| | | | | |

| DWG SIZE A3 | NAME | DATE |
|---|---|---|
| DESIGNED BY | Y. B. PARK | '25.04.30 |
| CHECKED BY | Y. H. ROH | '25.05.07 |
| APPROVED BY | N. J. CHOI | '25.05.10 |

D&I Solution 다앤아이 솔루션(주)

SCALE 1:1 | UNIT mm

DWG TITLE: 외 형 도

MODEL NAME: MONA450

DWG NO.: D000C009

Page 1/1