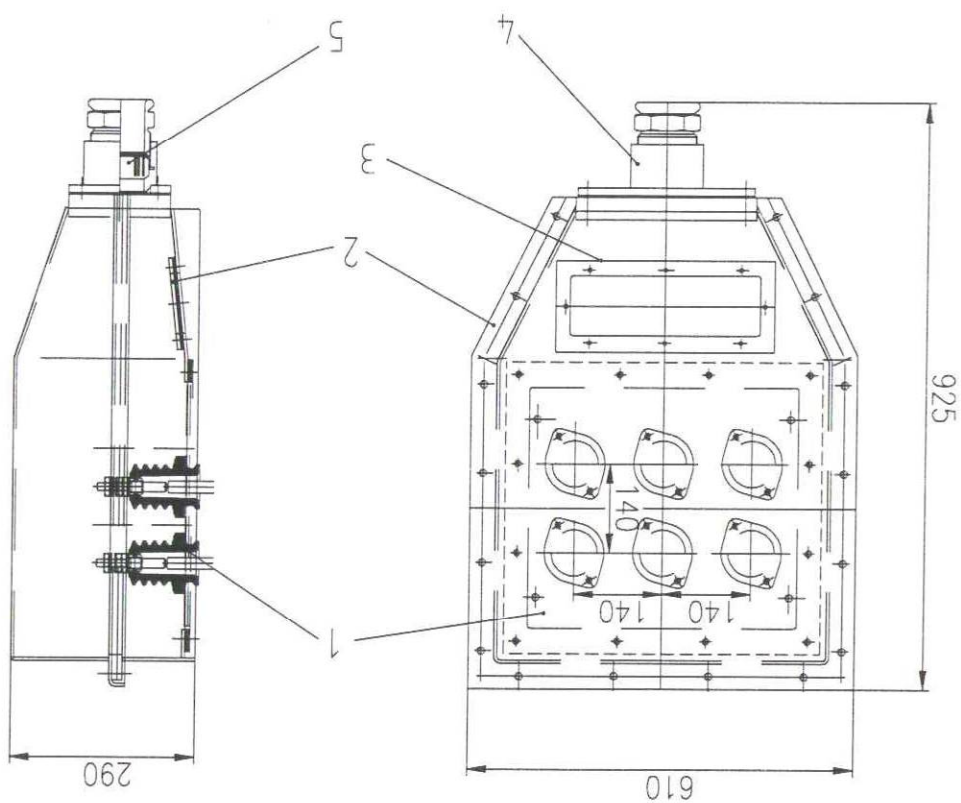




# MAIN TERMINAL BOX



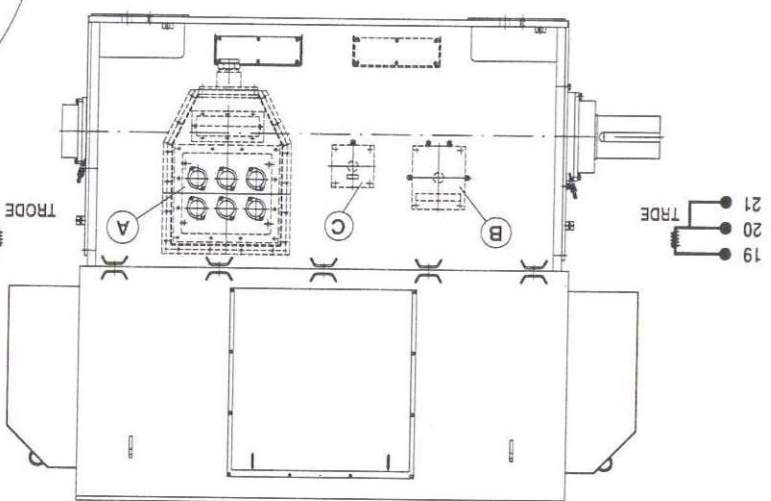
1. Terminal plate.
2. Terminal box (IP 55).
3. Pressure relief valve.
4. Cable inlet max  $\varnothing 80$ .
5. Sealing ring.

1600kW, 600rpm, D6000V, IPW 24, IC 01

**R.E.M. S.r.l.**  
Via Ferrucina 6/A - 00010 PATRICA (FR)  
Tel. 0776 432018 - 284285 - Fax 899344  
C.C.I.A.A. n. 13835 del 03.05.2002

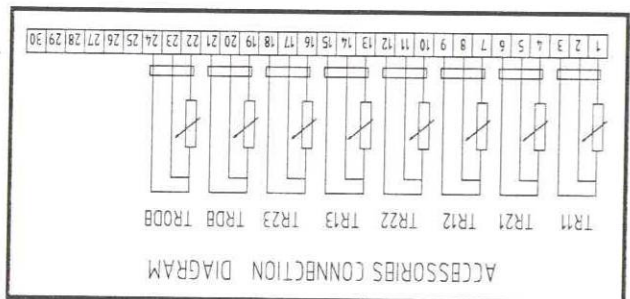


WIRING DIAGRAM  
1600kW, 600rpm, D6000V, IPW 24, IC 01

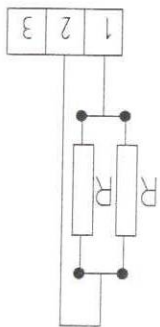


ACCESSORIES TERMINAL BOX

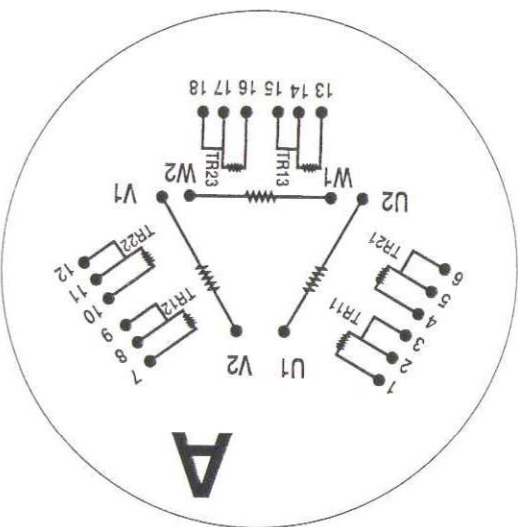
1-18 Winding RTD's Pt 100 ohms at 0°C  
19+21 DB bearing RTD's Pt 100 ohms at 0°C  
22+24 ODB bearing RTD's Pt 100 ohms at 0°C



SPACE HEATERS TERMINAL BOX



1+2 Space heaters: 2x500W, 220V, 1 phs.

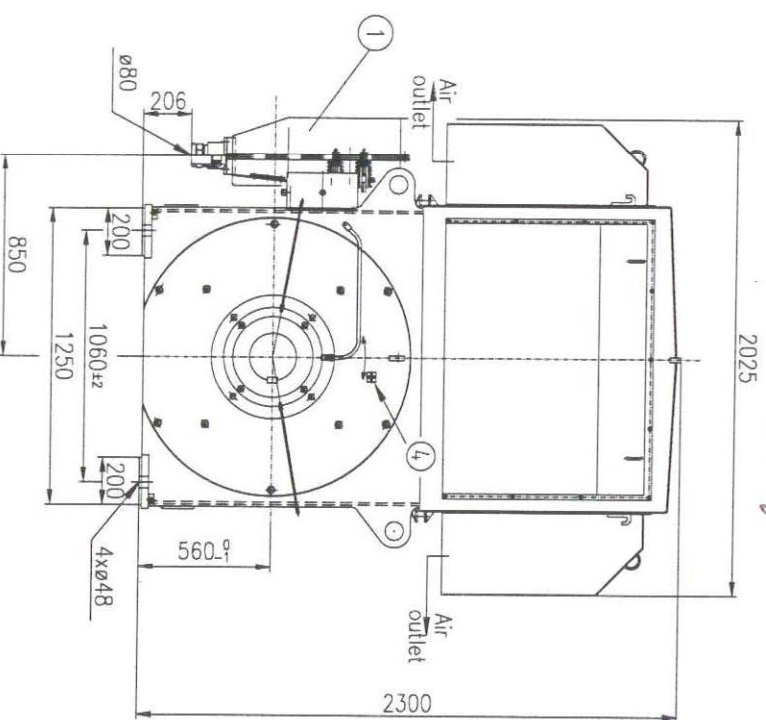
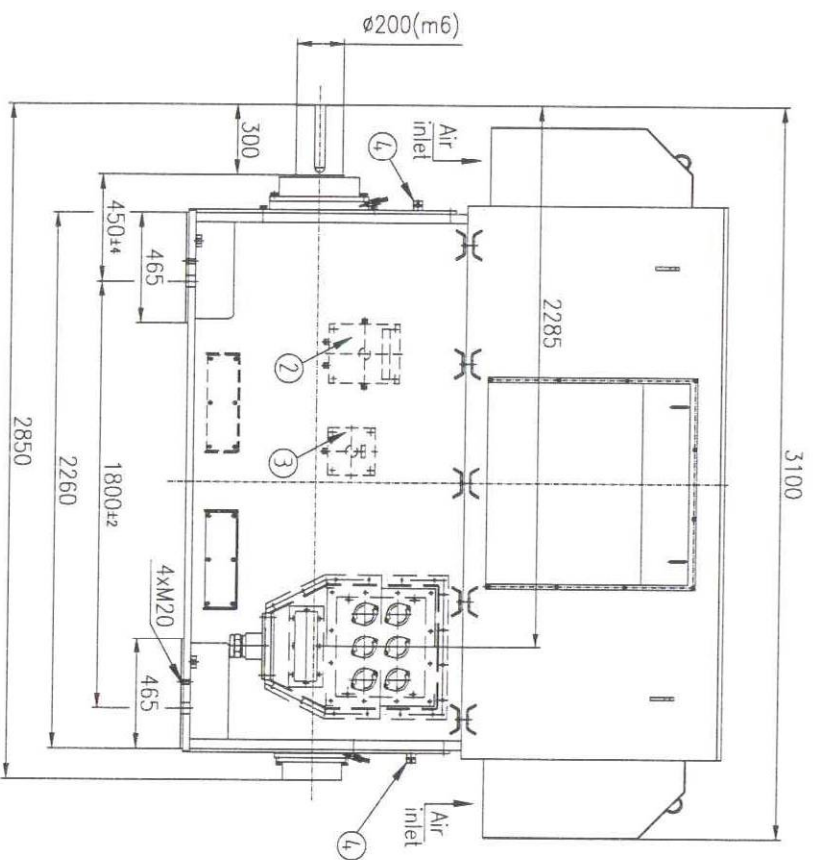


**R.E.M. S.R.L.**  
Via Ferruccio 1/A - 03010 PATRICA (FR)  
Tel. 0775.830716 - 234285 - Fax 839344  
P.IVA 02240470605  
C.F. 03095560305 del 03.05.2007

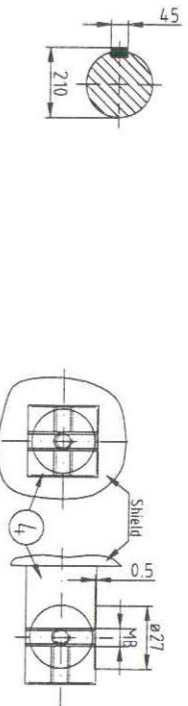
# CAGE ROTOR INDUCTION MOTOR

1600kW, 600rpm, D6000V, IC 01, IPW 24

**PRIMA S.r.l.**  
Via Ferruccio, 104 - 03030 S. PATRICA (FR)  
Tel. 0775.842116 - 3.242.025 - Fax 839344  
P. IVA 022450607605  
CCIAA n. 168995 del 03.05.2002



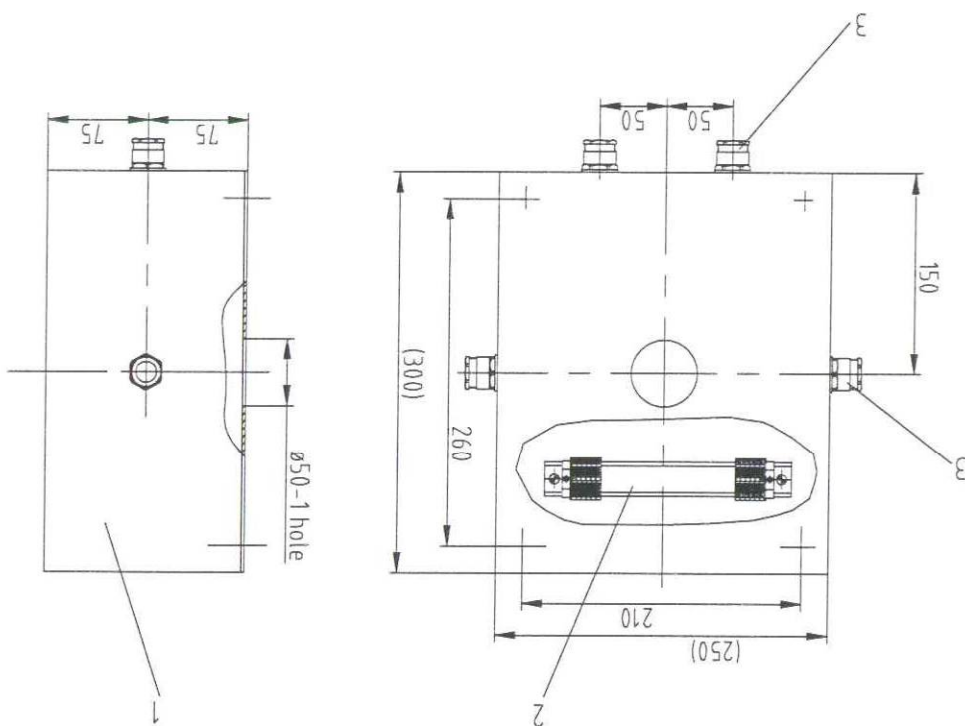
- ① -Main terminal box
- ② -Winding and bearing RTD's PT 100
- ③ -Space heaters:2x500W,220V,a.c.
- ④ -SPM nipple



|          |                         |  |  |  |
|----------|-------------------------|--|--|--|
| Revision | 0                       |  |  |  |
| Date     | 2018.05.31              |  |  |  |
| Approved | <i>U.S., M.Y., M.Y.</i> |  |  |  |



# ACCESSORY TERMINAL BOX



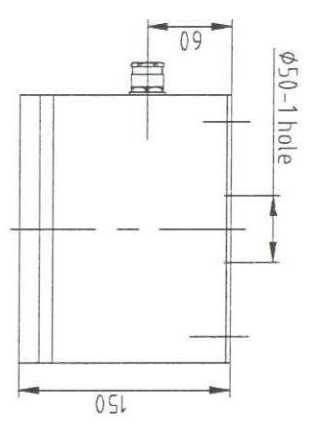
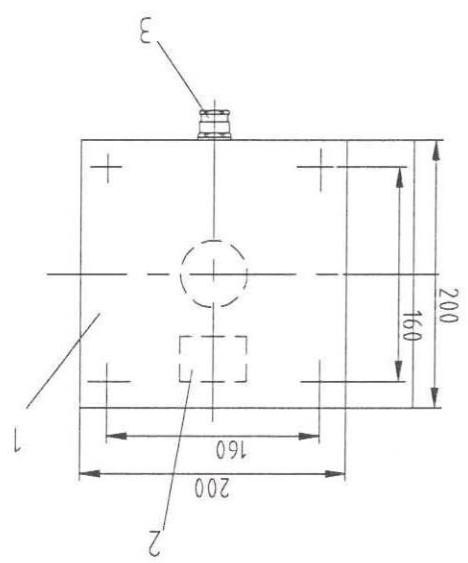
1. Accessories terminal box
2. Series clamps for winding and bearings RTD's
3. Cable gland IPB 13.5

1600kW, 600rpm, D6000V, IPW 24, IC01

**R.E.M. S.r.l.**  
Via Ferruccio 16/A - 03010 PATRICA (FR)  
Tel. 0775.8390178 - 284285 - Fax 839341  
P. IVA 022240470605  
CCIAA n. 128905 del 03.05.2002



# SPACE HEATERS TERMINAL BOX



- 1. Accessories terminal box
- 2. Series clamps
- 3. Cable gland IPB 16

**R.E.M. S.r.l.**  
Via Ferruccio 16/A - 03010 PATRICA (FR)  
Tel. 0775.830116 / 334295 - Fax 839344  
P.IVA 02240470605  
CCIAA n. 138998 del 03.05.2002

1600kW, 600rpm, D6000V, IPW 24, IC01

**SQUIRREL CAGE INDUCTION MOTOR**

Type:

Reference standard:

Output (KW):

Stator voltage (V):

Stator current (A):

Frequency (Hz)

Stator connection

Speed (r.p.m.):

Direction of rotation

Protection degree:

Mounting:

Bearings type:

Lubrication:

Insulation class/temperature rise:

Cooling:

\*Efficiency at : 4 / 4 load (%)

\*Efficiency at : 3 / 4 load (%)

\*Efficiency at : 2 / 4 load (%)

\*Power factor at: 4/4 load

\*Power factor at: 3 / 4 load

\*Power factor at: 2 / 4 load

\*Break-down torque:

Locked rotor torque:

Locked rotor current

Rated torque (Nm):

Ambient: max. temperature (°C)

(%) 5.0% to 10.0%

Number of starts / hour: -cold conditions:

**ACKNOWLEDGMENTS**

ICLONIAIDRUC-2011

Weight ( $kg$ ):Rotor GD2 (kgm<sup>2</sup>)Moment of inertia ( $J = \text{kgm}^2$ )

RATED DUTY

four years

### COMMISSIONS AND WINDING

Suppose, for example, that

Beatings RLD:

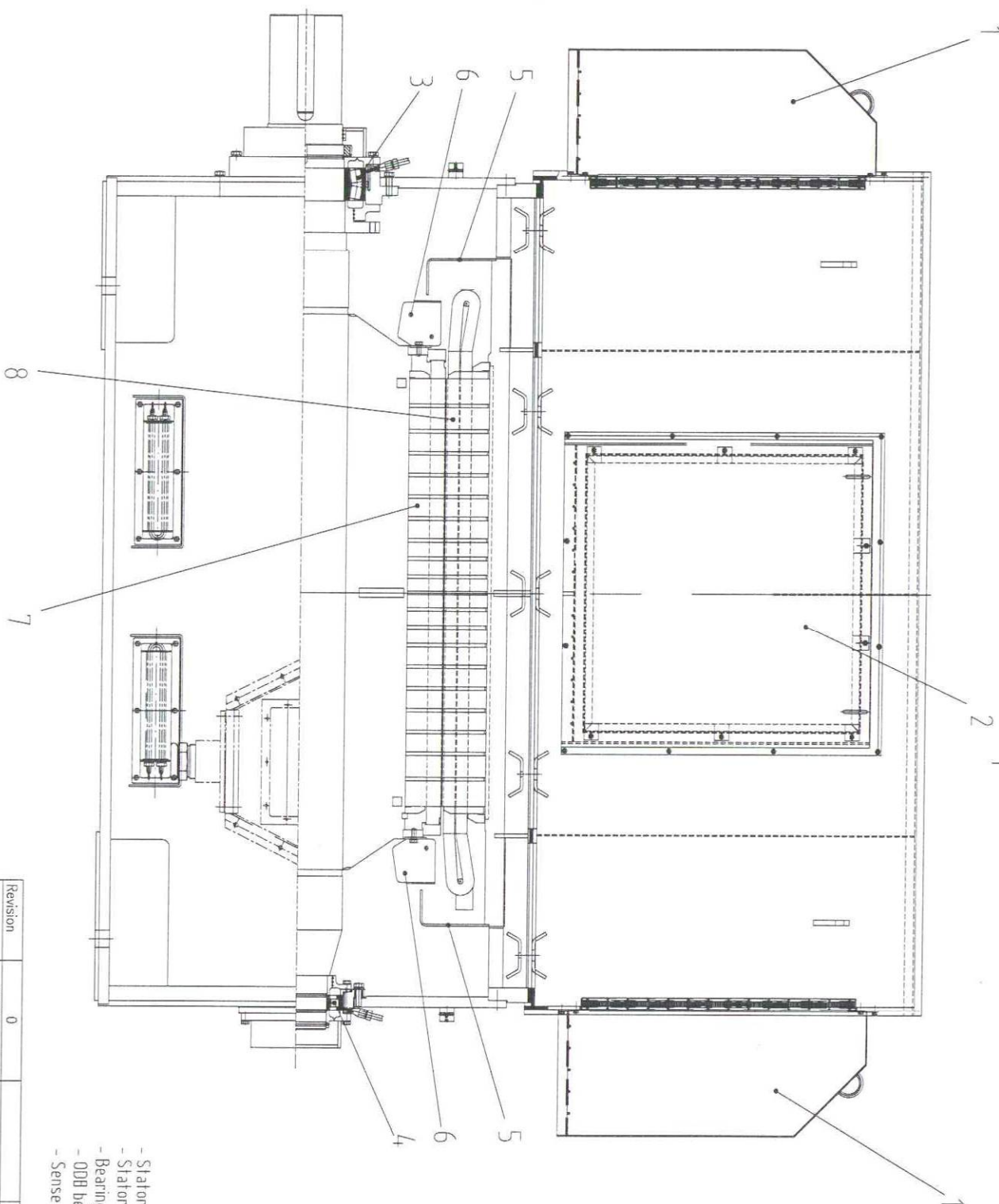
space heaters:

SPM nipple M8

The value marked with \* are guaranteed within the limits of tolerances specified in IEC 34-1.

R.E.M. S.r.l.  
Via Ferruccio 19/A - 02010 PATRICA (FR)  
Tel. 0775.850116 - 834128 - Fax 839344  
P. IVA 022240470605  
CGIA n. 138895 del 03.05.2002

- ① - Air inlet hood
- ② - Air outlet hood
- ③ - DB Bearing assembly (2304, CC/W33)
- ④ - ODB Bearing assembly (NU 1034, MC3)
- ⑤ - Baffle
- ⑥ - Internal fan
- ⑦ - Rotor assembly
- ⑧ - Stator assembly



- Stator winding impregnated in epoxy resin (VPI),
- Stator winding reinforced with preimpregnated glass cord,
- Bearings brand: SKF, FAG
- ODB bearing insulated to prevent shaft currents,
- Sense of rotation: B0TH

**IREM. S.R.L.**  
 Via F.lli Rossini, 108/A - 03010 PATRICA (FR)  
 Tel. 0075222001/02 - 0342250605  
 Fax 0342222002  
 CCIAA n. 1366 del 03.05.2002

| Revision | 0                 |
|----------|-------------------|
| Date     | 2018.05.31        |
| Approved | G. G. M. Y. M. Y. |

**comelmar** *motors*

MOTOR SECTIONAL DRAWING  
 1600KW, 600 rpm, D6000V

1/1