







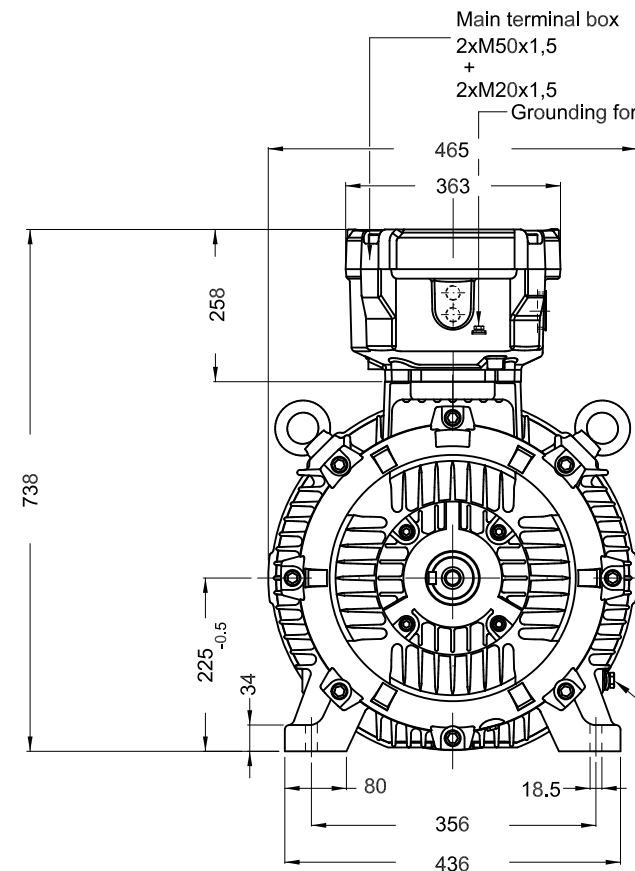
| | | | | | | | | | |
|--|--|------|-------|------|------|------|--|------------------------|--------|
| OWNER:  شرکت ست و پوی توسعه ایرانین (سهایی نام) | BUSHEHR PETROCHEMICAL COMPANY MEG PLANT | | | | | | EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT | | |
| | COMPRESSOR MOTOR OUTLINE DRAWING & TERMINAL BOX WIRING DIAGRAM FOR NITROGEN GAS BOOSTER | | | | | |  Netherlands | | |
| MC :  شرکت ست و پوی توسعه ایرانین (سهایی نام) | Project | Area | Phase | Unit | Dis. | Doc. | Seq. | Contract No: 52-98/445 | |
| Owner Document Number: 17811-39A | BU | 20 | VD | 303 | EL | DWG | 0053 | Rev.: | Page |
| | | | | | | | | 04 | 1 of 5 |

COMPRESSOR MOTOR OUTLINE DRAWING & TERMINAL BOX WIRING DIAGRAM FOR NITROGEN GAS BOOSTER

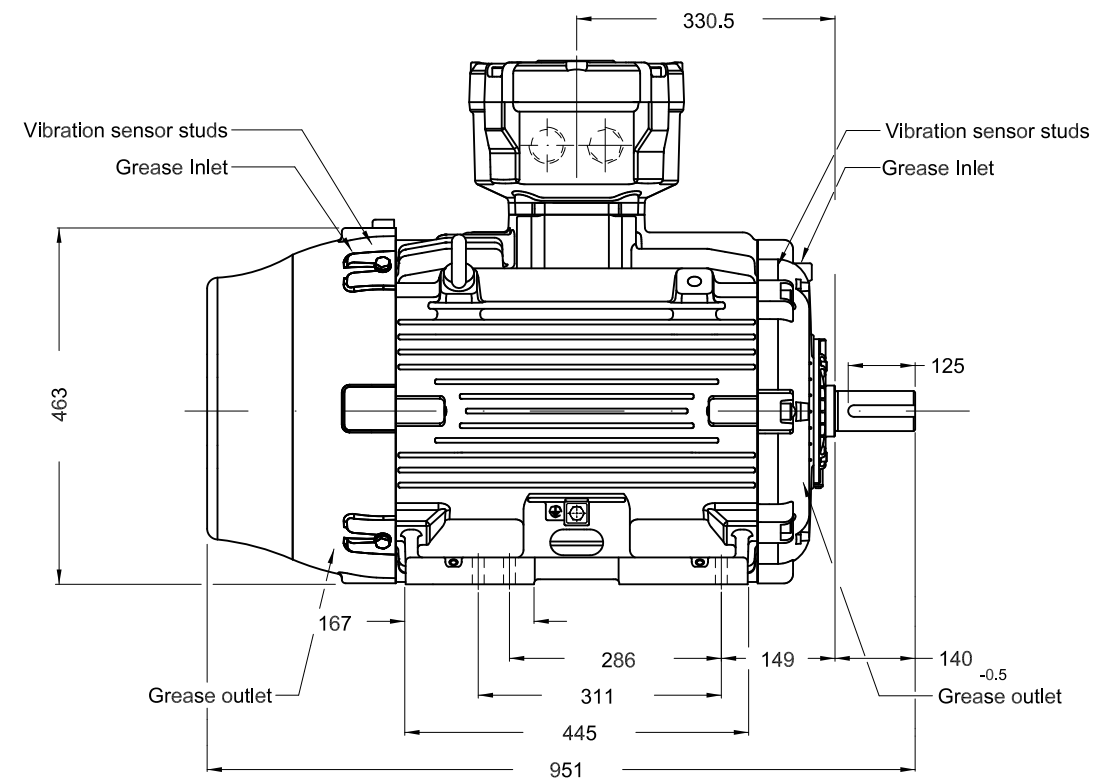
| | | | | | |
|--|--|---|-------------|--|--|
|  شرکت ست و پوی توسعه ایرانین (سهایی نام) | |  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT | | BUSHEHR PETROCHEMICAL COMPANY MEG PLANT | |
| Document Review | | | | | |
| Issue Purpose: | | | AB | | |
| Result Code: AP,AN,CM,RE,NC | | | AP | | |
| Next Status : IFC,IFA,IFI,AFC,AB | | | - | | |
| Responsible Department | | | MECHANICAL | | |
| Commented Date | | | Sep/18/2022 | | |
| Approval or review hereunder shall not be construed to relieve Vendor / Subcontractor of his responsibilities and liability under the contract. | | | | | |

| | | | | | | |
|------|------------|---------------------------|----------|---------|----------|----------|
| 04 | 05/09/2022 | As Built | KP | CL | JR | |
| 03 | 24/01/2022 | Approved for Construction | KP | LdM | JR | |
| 02 | 06/01/2022 | For approval | KP | LdM | JR | |
| 01 | 10/12/2021 | For approval | KP | LdM | JR | |
| 00 | 08/12/2020 | For approval | KP | LdM | JR | |
| Rev. | Date | Purpose of Issue | Prepared | Checked | Approved | AC Code |
| | | | | | Class: 1 | Phase: P |

Nitrogen Gas Booster 20-C-1002-M

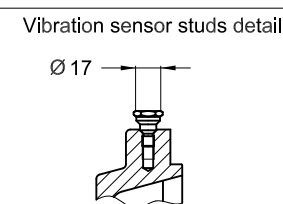
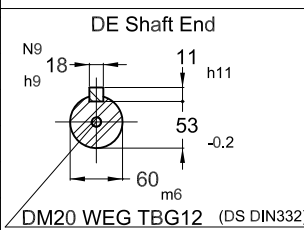


Power Cable Number and Size: **4 x 25 mm²**
 Power Cable Gland and Entries: **1 x M40**
Spare entries will be plugged, Airpack will provide a suitable adapter for the cable gland



Grounding for leads 25-50 mm² / 3-1 AWG
 Grounding wire of 35mm² is suitable for this connection

- Tropicalized internal painting
- DE roller bearing
- Shaft locking device
- Shaft material - AISI/SAE 4140
- SPM studs
- Color RAL 5010
- Painting plan 205P
- Mounting B3T



45 kW 04 Poles 50 Hz

Dimensions in mm

| ECM | LOC | SUMMARY OF MODIFICATIONS | | | | EXECUTED | CHECKED | RELEASED | DATE | VER |
|----------|-----------|--------------------------|--|--|---------|----------|---------|----------|------|-----|
| EXECUTED | PIRWBUSER | | THREE PH. MOTOR W22Xdb IE4 Ex d IIB T4 | | PREVIEW | WDD | SHEET | 03/05 | | |
| CHECKED | | | FRAME 225S/M IP56 TEFC | | | | | | | |
| RELEASED | | | Main Compressor Motor 20-C-1002-M 45kW | | | | | | | |
| REL DT. | | | Jaragua do Sul | | | | | | | |
| | | WMO | Product Engineering | | | | | | | |

Dimensional drawing subject to change. We reserve the right to change constructional details.
 * Detail out of scale.

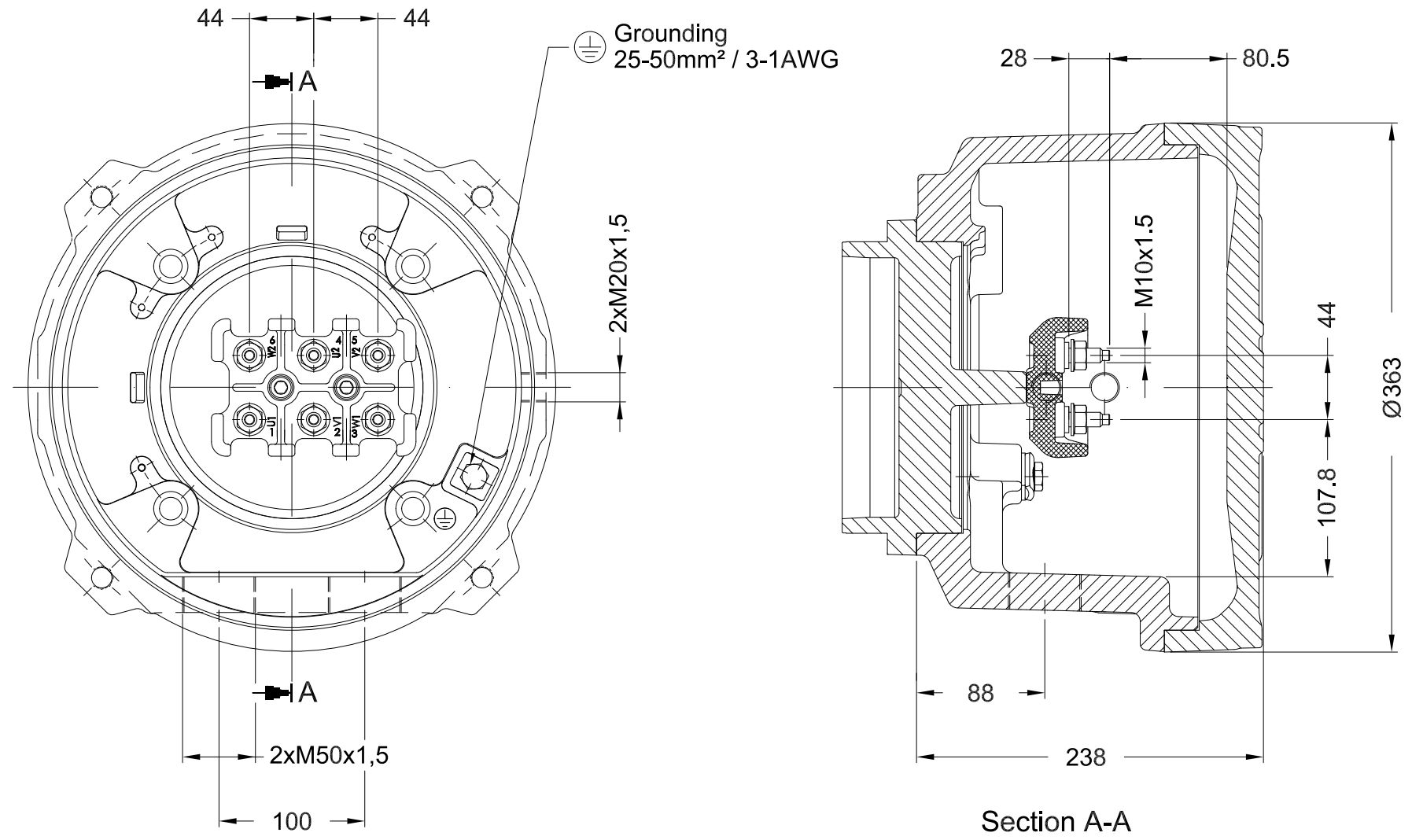
A

B

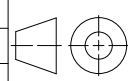

C

D

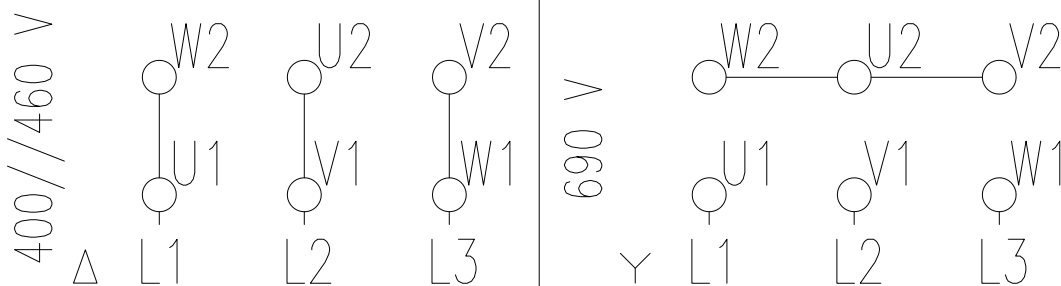
E



Section A-A

| | | | | | | | |
|----------|----------|---|--|----------------|---------|---|----------|
| | | | | ESC | 1:4 | | |
| ECM | LOC | SUMMARY OF MODIFICATIONS | | EXECUTED | CHECKED | RELEASED | DATE VER |
| EXECUTED | YDAMHUIS |  MAIN TERMINAL BOX FRAME 225S/M | | PREVIEW WCD | |  | |
| CHECKED | | | | | | | |
| RELEASED | | | | | | | |
| REL DT. | | | | | | | |
| | | | | SHEET | 04/05 | | |

THIS IS AN UPDATED REVISION, THE PREVIOUS ONE MUST BE DISREGARDED.



A

B

C

D

E

| | | | | | | | | |
|------------------|------------|--|---|-------------------------|-----------------------|----------------------|--------------|------------|
| | | ORIGINAL ISSUE | | JESSICA | PATRICIA | CASTELLA | 30.10.2018 | 00 |
| ECM ECM | LOC LOC | RESUMO MODIFICAÇÃO SUMMARY OF MODIFICATIONS | | EXECUTADO EXECUTED | VERIFICADO CHECKED | LIBERADO RELEASED | DATA DATE | VER VER |
| EXEC. /EXECUTED | JESSICA | | LOW VOLTAGE - CONNECTION DIAGRAM 400/690//460V MOTOR WITH 06 CABLES | 400/690//460-6 | | | | |
| VERIF. /CHECKED | PATRICIA | | | IEC | 00 | | | |
| LIBER. /RELEASED | CASTELLA | | | | | | | |
| DATA LB /REL DT | 30.10.2018 | WMO | JARAGUÁ DO SUL | ADMINISTRAÇÃO DE VENDAS | FOLHA /SHEET | 05/05 | | |