



ASPC Project








| | |
|------------------------------|--|
| END CUSTOMER | : Arya Sasol Polymer Company |
| CONTRACTOR | : DYPNF Co., Ltd. |
| VENDOR NAME | : Airpack Netherlands BV |
| EQUIPMENT DESCRIPTION | : Screw Compressor & Roots Blower Package |
| PURCHASE ORDER NUMBER | : PO-PC2312-08 |

Customer Document : 3944-VD-0171-DYP-RE-400-PID-0016
Number

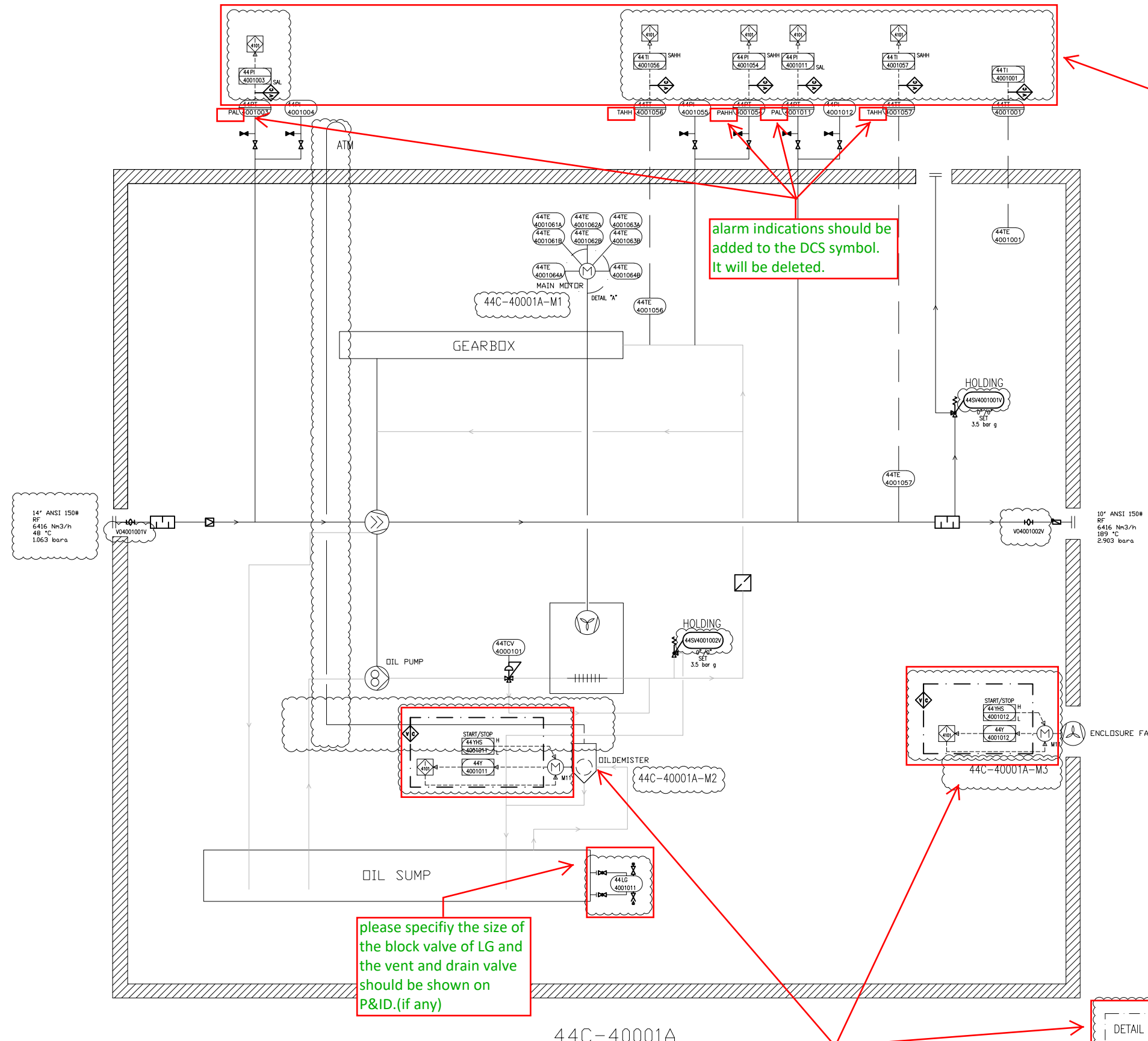
Airpack Document Number : 23383-03

Document Title : Piping & Instrument Diagram (incl. legend)

| Review Code and Status | | Contractor Initials/Signature | Date signed |
|---|--|---|-------------|
|  | Code 1 REJECTED - Vendor to revise and Resubmit. Work cannot proceed |  | 19 Mar 2025 |
|  | Code 2 Comments As Noted - Work May proceed, subject to compliance with and incorporation of comments | | |
|  | Code 3 No Comments - Work may proceed. | | |
|  | Code 4 Information only - Review not required. | | |

| Rev. No. | Description | Date | Prepared by | Checked by | Approved by |
|----------|---------------------|------------|-------------|------------|-------------|
| 01 | Issued for Approval | 28-02-2025 | SC | KP | JJ |
| 00 | Issued for Approval | 11-02-2025 | SC | KP | JJ |

1. all motor shall have running command indication / fault indication which should be shown on PID with indication in DCS.
2. interlocks which should be take action on motors should be shown.
3. I've processed the cloud mark for the modifications made in DYPNF, please refer to it.
4. all block valve sizes should be specified.

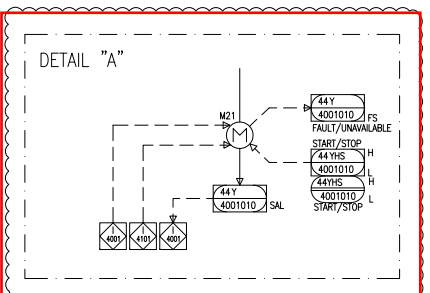


interlocks which should be take action on instruments should also be shown all other pages.

alarm indications should be added to the DCS symbol. It will be deleted.

please specify the size of the block valve of LG and the vent and drain valve should be shown on P&ID.(if any)

interlocks which should be take action on motors should also be shown all other pages.



GENERAL NOTES

1- -

LEGEND

DETAIL

| | | | | | |
|------|-----------|--------------------------|------|------|-------|
| 00 | 11/Feb/25 | ISSUE FOR APPROVAL | SC | KP | JJ |
| REV. | DATE | PURPOSE OF ISSUE (P.O.I) | PREP | CHKD | APPR. |



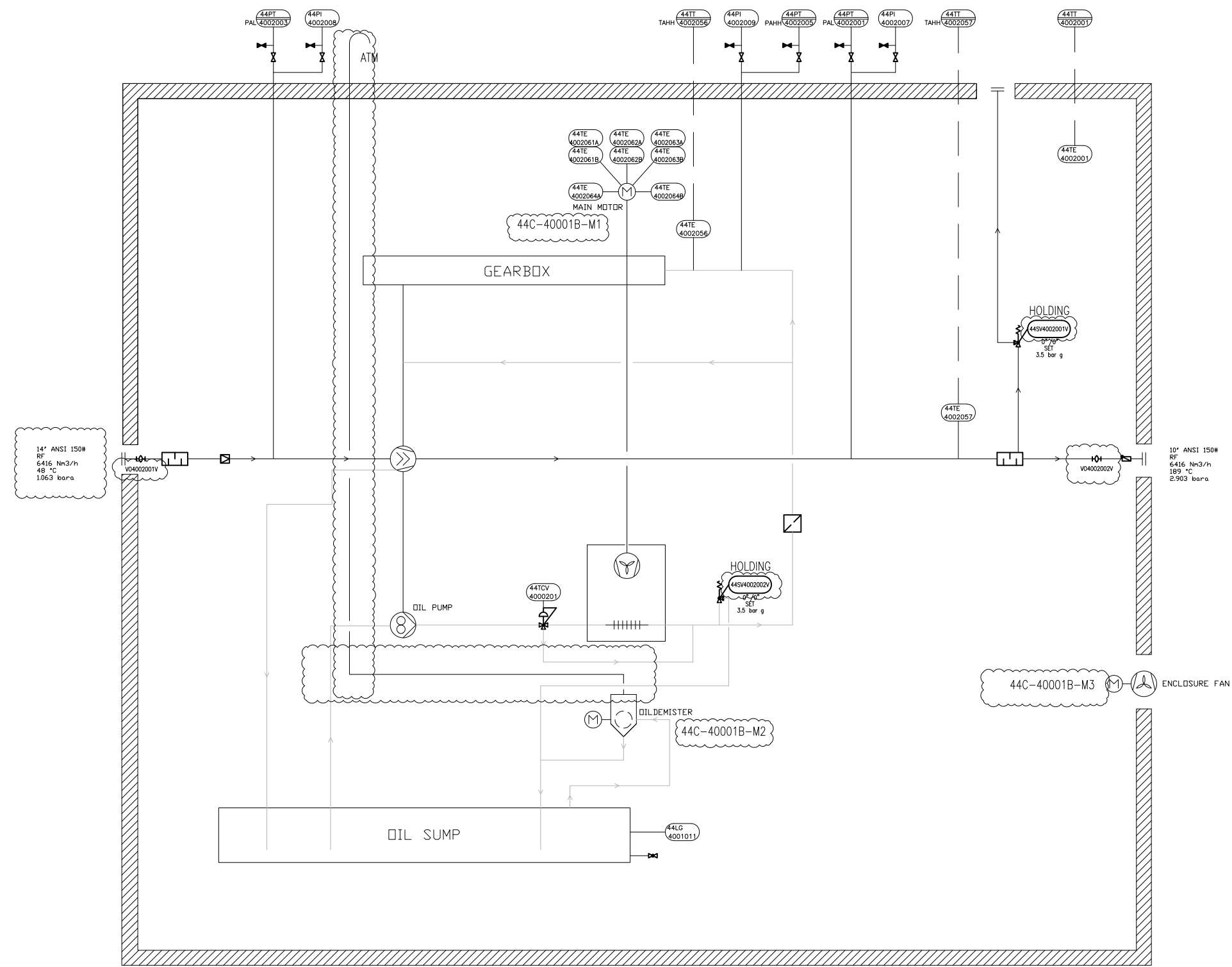
PROJECT:
300 KT POLYETHYLENE PLANT
ARYA SASOL POLYMER COMPANY (ASPC)

CONTRACTOR: SAZEH CONSULTANTS
VENDOR: DYPNF

DRAWING TITLE:
PIPING & INSTRUMENTATION DIAGRAM
PNEUMATIC CONVEYING SYSTEM 44C-40001A

| | | | | | | | |
|-------------------|-------------|--------|-------------|------------|------|-------|---------|
| OWNER PROJECT NO. | VENDOR DWG. | MR NO. | VENDOR CODE | DISCIPLINE | UNIT | TYPE | SEQ. |
| 3944 | VD | 0171 | DYP | RE | 400 | PID | 0016 |
| SCALE: | NONE | SIZE: | A0 | SHEET NO. | 10 | OF 11 | REV. 01 |

| ITEM | 44C-40001A | 44M-40001A |
|----------------|---|--|
| DESCRIPTION | Conveying gas compressor | Main Motor |
| TECHNICAL DATA | Outlet Capacity: 6416 Nm ³ /h Inlet/Outlet Pressure: 1.063/2.903 Bara Inlet/Outlet Temp: 48/189 °C Gas: Nitrogen Guaranteed capacity: 6255 Nm ³ /hr | Rated Power: 440 kW Speed: 2988 rpm Power Supply: 6kV / 50Hz / 3ph |



44C-40001B

GENERAL NOTES

1 - -

LEGEND

DETAIL

| | | | | | |
|------|-----------|---------------------------|-------|-------|-------|
| 00 | 11/Feb/25 | ISSUE FOR APPROVAL | SC | KP | JJ |
| REV. | DATE | PURPOSE OF ISSUE (P.O.I.) | PREP. | CHKD. | APPR. |

OWNER:



PROJECT:

300 KT POLYETHYLENE PLANT
ARYA SASOL POLYMER COMPANY (ASPC)

MC:



CONTRACTOR:



DRAWING TITLE:

PIPING & INSTRUMENTATION DIAGRAM
PNEUMATIC CONVEYING SYSTEM 44C-40001B

OWNER DOC. NO.

| | | | | | | | |
|-------------------|-------------|--------|-------------|------------|----------|------|------|
| OWNER PROJECT NO. | VENDOR DWG. | MR NO. | VENDOR CODE | DISCIPLINE | UNIT | TYPE | SEQ. |
| 3944 | VD | 0171 | DYP | RE | 400 | PID | 0016 |
| SCALE: | NONE | SIZE: | A0 | SHEET NO. | 11 OF 11 | REV. | 01 |

| ITEM | 44C-40001B | 44M-40001B |
|----------------|---|--|
| DESCRIPTION | Conveying gas compressor | Main Motor |
| TECHNICAL DATA | Outlet Capacity: 6416 Nm ³ /h Inlet/Outlet Pressure: 1.063/2.903 Bara Inlet/Outlet Temp: 48/189 °C Gas: Nitrogen Guaranteed capacity: 6255 Nm ³ /hr | Rated Power: 440 kW Speed: 2988 rpm Power Supply: 6kV / 50Hz / 3ph |

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