



Customer Document title:

Motor Wiring Diagram

Flowserve Document title: **Motor Typical Wiring Diagram**Flowserve Document No.: **1400944-012-5960-01**Document Revision No.: **A**Flowserve Order No.: **1400944**Flowserve Serial No.: **1400944CHP012A/D**Pump Type/Size: **MARK 3 STANDARD / 2K4X3-10RV**Quantity: **4**Customer Name: **DESMET BALLESTRA NORTH AMERICA****PROJECT - WORPAR****ITEM NBR - P682B.1/1-P682B.1/2****P682B.2/1-P682B.2/2****TYPE - WIRING DIAGRAM****eB NBR - 100212960.001****DATE - 23.05.2022**

Customer Tag No: **DESMET TAG#: P682B.1/1, World Energy TAG#: 19-P-765A, DESMET TAG#: P682B.1/2, World Energy TAG#: 19-P-765B, DESMET TAG#: P682B.2/1, World Energy TAG#: 19-P-865A, DESMET TAG#: P682B.2/2, World Energy TAG#: 19-P-865B**

Customer PO No.: **28493**End User: **DESMET BALLESTRA NORTH AMERICA**

Please complete and return:

Document Reviewed by:

Desmet

Document Reviewed date:

5/20/2022

- ☒ **APPROVED. NO ACTION REQUIRED**
☐ **APPROVED. RE-SUBMIT AS FINAL**
☐ **APPROVED WITH COMMENTS.** DOCUMENT WILL BE MODIFIED AND RESUBMITTED AS FINAL.
☐ **REJECTED.** CORRECT AND RE-SUBMIT FOR APPROVAL.
☐ **FOR INFORMATION.** REVIEW NOT REQUIRED
☐ **AS-BUILT**

- Return any documents sent for review with your comments by the stated return date. All documents not returned two weeks after requested Return date will be considered Approved, no action.
- Purchaser's comments and/or corrections within the scope of contract will be made on the first completed document submitted by Flowserve Corp. and returned.
- Corrections, alterations, additions and/or modifications outside scope of contract or made after first submittal may require an additional engineering service charge.
- Items conditionally approved or with deferred approval by purchaser must be specifically stated otherwise delivery may be affected.

| Rev | Revision Description | Released | Release Date |
|-----|----------------------|----------------|--------------|
| | For Information | Morris, Tamika | 16-Feb-22 |

MADE IN BRAZIL
11431935



NEMA
Premium
W22

MODEL 10018ST3QIE405T-W22

Inverter Duty Motor
Severe Duty



PH3 60Hz Fr. 404/5T 1000m.a.s.l. IP55 TEFC 1228lb

V 460

A 116

HP 100

kW 75

SF 1.25

SFA 145

RPM 1775

PF 0.85

AMB 40°C

INS cl. F DT80K

NEMA NOM EFF 95.4%

DUTY CONT.

DES B Code G

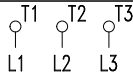
GUARANT. EFF 94.5%



FOR SAFE AREA
Mod.TE1BFOXON
CC029A



Class I, Div 2, Gr A, B, C and D - T3
Class I, Zone 2, IIC - T3
Class II, Div 2, Gr F and G - T4
For use on PWM: Gr. A, B, C, D and F,
VT 1000:1, CT 20:1, 1.00SF - T3A



460V



→ 6316-C3 (34g) 80BC03X30

→ 6314-C3 (27g) 70BC03X30

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MOBIL POLYREX EM (10000h)

120V Space Heater included-Not Shown on Nameplate