



Customer Document title:

Motor Typical Performance DataFlowserve Document title: **Motor Typical Performance Data**Flowserve Document No.: **1408912-003-5955-01**Document Revision No.: **A**Flowserve Order No.: **1408912**Flowserve Serial No.: **1408912CHP003A/B**Pump Type/Size: **MARK 3 STANDARD / 2K3X2-13RV**Quantity: **2**Customer Name: **World Energy Paramount**Customer Tag No: **18P1879 A/B**Customer PO No.: **4505555756**End User: **AIR PRODUCTS LLC****Please complete and return:**

Document Reviewed by:

Document Reviewed date:

- ☐ **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
A	For Information	Shaw, Amie	26-Jan-23

AC Induction Motor Performance Data

Record # 47086 - Typical performance - not guaranteed values

Winding: 09WGZ997-R019	Type: 0944M	Enclosure: TEFC
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Nameplate Data				460 V, 60 Hz: Single Voltage Motor	
Rated Output (HP)	15			Full Load Torque	44.6 LB-FT
Volts	460			Start Configuration	direct on line
Full Load Amps	17.6			Breakdown Torque	163 LB-FT
R.P.M.	1760			Pull-up Torque	53.3 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	73.2 LB-FT
NEMA Design Code	B	KVA Code	G	Starting Current	108 A
Service Factor (S.F.)	1.15			No-load Current	6.19 A
NEMA Nom. Eff.	92.4	Power Factor	85	Line-line Res. @ 25°C	0.62 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	50°C
S.F. Amps				Temp. Rise @ S.F. Load	62°C
				Locked-rotor Power Factor	32.7
				Rotor inertia	1.92 LB-FT ²

Load Characteristics 460 V, 60 Hz, 15 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	52	73	84	86	87	88	87
Efficiency	89.4	92.6	93	92.5	91.4	90.3	91.9
Speed	1792	1783	1773	1763	1752	1739	1756
Line amperes	7.44	10.3	13.5	17.6	22	26.6	20.2

NOTE: Motor inverter duty rated.
 Motor paint meets ISO 129445 C4
 Motor rated for Cl.1, Div. 2, Gr. B, C, D and T3C temperature code.