



Customer Document title:

## Standard Performance Curve

Flowserve Document title: **Standard Performance Curve**Flowserve Document No.: **1400944-001-1060-01**Document Revision No.: **0**Flowserve Order No.: **1400944**Flowserve Serial No.: **1400944CHP001A/D**Pump Type/Size: **MARK 3 STANDARD / 2K4X3-10RV**Quantity: **4**Customer Name: **DESMET BALLESTRA NORTH AMERICA**

PROJECT - WORPAR

ITEM NBR - PW503AC.1/1-PW503AC.1/2

PW503AC.2/1-PW503AC.2/2

eB NBR - 100212842.000

DATE - 22.10.2021

Customer Tag No: **DESMET TAG#: PW503AC.1/1 - CUSTOMER TAG#: 19-P-750A, DESMET TAG#: PW503AC.1/2 - CUSTOMER TAG#: 19-P-750B, DESMET TAG#: PW503AC.2/1 - CUSTOMER TAG#: 19-P-850A, DESMET TAG#: PW503AC.2/2, CUSTOMER TAG#: 19-P-850B**

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

### 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
	Final	Morris, Tamika	14-Sep-21



Pump size & type / Stages : 2K4x3-10RV M3 ST / 1  
Based on curve no. : MIII7900DV  
Impeller diameter : 8.13 in

Customer : DESMET PROCESS & TECHNOLOGY ...  
Item number : PW503AC.1/1, 1/2, 2/1, 2/2  
Service : Acid Reactor Discharge  
Flowserve reference : 1989206898  
Date : August 25, 2021

Capacity : 465.5 USgpm  
Head : 245.00 ft  
Density / Specific gravity : - / 0.886  
Pump speed : 3,550 rpm  
Ns / Nss : 1,118 / 12,960 (US units)  
Test tolerance : ANSI/HI 14.6 Grade 1B

CURVES ARE APPROXIMATE, PUMP IS GUARANTEED FOR ONE SET OF CONDITIONS; CAPACITY, HEAD, AND EFFICIENCY....

