



Customer Document title:

## Flowserve Construction Data Sheet

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Flowserve Document No.: **1400944-010-5009-01**

Document Revision No.: **0**

Flowserve Order No.: **1400944**

Flowserve Serial No.: **1400944CHP010A/B**

Pump Type/Size: **MARK 3 LO-FLO / 1K1.5X1LF-82OP**

Quantity: **2**

Customer Name: **DESMET BALLESTRA NORTH AMERICA**

PROJECT - WORPAR

ITEM NBR - P632C1-P632C2

eB NBR - 100212934.000

DATE - 22.10.2021

Customer Tag No: **DESMET TAG#: P632C1, CUSTOMER TAG#: 19-P-766A, DESMET TAG#: P632C, CUSTOMER TAG#: 19-P-766B**

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
	Internal Only		14-Sep-21

Customer	: DESMET PROCESS & TECHNOLO...	Pump / Stages	: 1K1.5x1LF-82 M3 LF / 1
Customer reference	: WORPAR	Based on curve no.	: MIII7065V
Item number	: P632C1 / P632C2	Flowserve reference	: 1989206898
Service	: Vacuum Seal Tank Circulation	Date	: August 25, 2021
<b>Construction</b>		<b>Driver Information</b>	
Nozzles	Size	Rating	Face
Suction	1.50	150#	FF
Discharge	1.00	150#	FF
			Position
			End
			Top
Casing mounting	: Foot		
Casing split	: Radial		
Impeller type	: Open		
Bearing type (radial)	: Sgl Row		
Bearing number (radial)	: 6207-C3		
Bearing type (thrust)	: Dbl Row		
Bearing number (thrust)	: 5306-AC3		
Bearing lubrication	: Flood		
Rotation (view from driver)	: CW per Hyd. Institute		
<b>Materials</b>		<b>Sound Pressure (dBA @ 1.0 m)</b>	
Casing	: 316SS (D4/CF8M)		
Impeller	: 316SS (D4/CF-8M)		
Seal chamber	: FML Box / (316SS)		
Shaft	: 316 SS		
Sleeve	: No Sleeve		
<b>Baseplate, Coupling and Guard</b>		<b>Seal Information</b>	
Baseplate type	: Type D Reinforced		
Baseplate material	: Steel		
Baseplate size	: 139 Baseplate		
Coupling manufacturer	: Rexnord		
Coupling size	: Thomas 726 Std/Std		
Coupling / Shaft guard	: Aluminum (Non-Spark)		
Shaft / seal guard	: None Supplied		
<b>Weights (Approx.)</b>		<b>Gland</b>	
Bareshaft pump (net)	: 103.0 lb		
Baseplate (net)	: 173.0 lb		
Driver (net)	: 105.0 lb		
Shipping gross weight/volume	: 438.2 lb / 9,974 cu.in		
<b>Testing</b>		<b>Piping</b>	
Hydrostatic test	: Non witnessed		
Performance test	: Non witnessed		
NPSH test	: None		
<b>Paint and Package</b>		<b>Seal Information</b>	
Pump paint	: Epoxy Primer & Topcoat		
Base grout surface prep	: Flowserve St'd D14-3		
Shipment type	: Domestic		
		Arrangement	
		: Sgl Int O-Ring	
		Size	
		: 1.375	
		Manufacturer / Type	
		: Flowserve / ISC2 Pusher	
		Material code (Man'f/API)	
		: C2CPX----ECXV- / BSTFN	
		Internal neck bushing	
		: Not Available	
		<b>Gland</b>	
		Gland material	
		: 316SS	
		Flush	
		: .375" NPT	
		Vent	
		: .375" NPT	
		Drain	
		: .375" NPT	
		Auxiliary seal device	
		: Carbon Bushing	
		<b>Piping</b>	
		Seal flush plan	
		: Plan 03	
		Seal flush construction	
		: -	
		Seal flush material	
		: -	
		Aux seal flush plan	
		: Plan 61	
		Aux seal flush construction	
		: Not supplied	
		Aux seal flush material	
		: Not supplied	
<b>Notes</b>			
-			
ANSI 3A w/site, magnetic drain plug			
Casing w/1/2" Plugged Drain (NPT)			
-			
-			
XSD Drawing No. 0000AMK3LFX1KXXFTOPSSMSFM			