



Customer Document title:

Flowserve Construction Data Sheet

Flowserve Document title: **Flowserve Construction Data Sheet**Flowserve Document No.: **1400944-007-5009-01**Document Revision No.: **0**

PROJECT - WORPAR

Flowserve Order No.: **1400944**

ITEM NBR - P601.1/1-P601.1/2

Flowserve Serial No.: **1400944CHP007A/D**

P601.2/1-P601.2/2

Pump Type/Size: **MARK 3 STANDARD / 2K4X3-10RV**

eB NBR - 100212904.000

Quantity: **4**

DATE - 22.10.2021

Customer Name: **DESMET BALLESTRA NORTH AMERICA****DESMET TAG#: P601.1/1, CUSTOMER TAG#: 19-P-760A, DESMET TAG#: P601.1/2,****CUSTOMER TAG#: 19-P-760B, DESMET TAG#: P601.2/1, CUSTOMER TAG#: 19-P-860A,
DESMET TAG#: P601.2/2, CUSTOMER TAG#: 19-P-860B**Customer PO No.: **28493**End User: **DESMET BALLESTRA NORTH AMERICA****Please complete and return:**

Document Reviewed by:		Document Reviewed date:	
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- 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	: 2K4x3-10RV M3 ST	/ 1				
Customer reference	: WORPAR			Based on curve no.	: MIII7901FV					
Item number	: P601.1 /1, 1/2, 2/1, 2/2			Flowserve reference	: 1989206898					
Service	: Oil Dryer Discharge			Date	: August 25, 2021					
Construction					Driver Information					
Nozzles	Size	Rating	Face	Position	Manufacturer	: WEG				
Suction	4.00	150#	FF	End	Power	: 50.0 hp / 37.3 kW				
Discharge	3.00	150#	FF	Top	Service factor (requested / actual)	: 1.15 / 1.15				
Casing mounting	: Foot				Synchronous speed	: 3,600 rpm				
Casing split	: Radial				Orientation / Mounting	: Horizontal / Foot				
Impeller type	: Reverse Vane				Driver type	: NEMA				
Bearing type (radial)	: Sgl Row				Frame-size / material	: 326TS / CAST IRON				
Bearing number (radial)	: 6310-C3				Enclosure	: IEEE-841				
Bearing type (thrust)	: Dbl Row				Hazardous area class	: -				
Bearing number (thrust)	: 5310-AHC3				Explosion 'T' rating	: -				
Bearing lubrication	: Flood				Volts / Phase / Hz	: 460 / 3 / 60 Hz				
Rotation (view from driver)	: CW per Hyd. Institute				Amps-full load/locked rotor	: 55.50 A / 350.00 A				
Materials					Motor starting	: Direct on line (DOL)				
Casing	: 316SS (D4/CF8M)				Insulation	: F				
Impeller	: 316SS (D4/CF-8M)				Temperature rise	: -				
Seal chamber	: FML Box / (316SS)				Bearings	: Ball				
Shaft	: 316 SS				Lubrication	: Grease				
Sleeve	: No Sleeve				Motor mounted by	: Flowserve				
Baseplate, Coupling and Guard					Sound Pressure (dBA @ 1.0 m)					
Baseplate type	: Type D Reinforced				Driver, expected	: 79.0 dBA				
Baseplate material	: Steel				Pump & driver, estimated	: 83.0 dBA				
Baseplate size	: 264 Baseplate				Seal Information					
Coupling manufacturer	: Rexnord				Arrangement	: Dbl Int O-Ring				
Coupling size	: Thomas 726 Std/XL				Size	: 1.875				
Coupling / Shaft guard	: Aluminum (Non-Spark)				Manufacturer / Type	: Flowserve / ISC2 Pusher				
Shaft / seal guard	: None Supplied				Material code (Man'f/API)	: C2CPP---ECCV- / BDPFN				
Weights (Approx.)					Internal neck bushing	: Not Available				
Bareshaft pump (net)	: 225.0 lb				Gland					
Baseplate (net)	: 442.0 lb				Gland material	: 316SS				
Driver (net)	: 549.0 lb				Flush	: .375" NPT (inlet)				
Shipping gross weight/volume	: 1,398.4 lb / 37,171 cu.in				Vent	: -				
Testing					Drain	: .375" NPT (outlet)				
Hydrostatic test	: Non witnessed				Auxiliary seal device	: Pumping Ring				
Performance test	: Non witnessed				Piping					
NPSH test	: None				Seal flush plan	: Plan 53				
Paint and Package					Seal flush construction	: -				
Pump paint	: Epoxy Primer & Topcoat				Seal flush material	: -				
Base grout surface prep	: Flowserve St'd D14-3				Aux seal flush plan	: -				
Shipment type	: Domestic				Aux seal flush construction	: -				
Notes					Aux seal flush material	: -				
-										
ANSI 3A w/site, magnetic drain plug										
Casing w/1/2" Plugged Drain (NPT)										
-										
-										
XSD Drawing No. 0000AMK3SXX2KXXFTRVSSMSFM										