



Customer Document title:

## Mechanical Seal Drawing

Flowserve Document title: **Mechanical Seal Drawing**Flowserve Document No.: **1400944-002-5800-01**Document Revision No.: **A**Flowserve Order No.: **1400944**Flowserve Serial No.: **1400944CHP002A/D**Pump Type/Size: **MARK 3 STANDARD / 2K4X3-10OP**Quantity: **4**Customer Name: **DESMET BALLESTRA NORTH AMERICA**

PROJECT - WORPAR

ITEM NBR - PW502.1/1-PW502.1/2

PW502.2/1-PW502.2/2

TYPE - ASSY

eB NBR - 100212857.001

DATE - 10.02.2022

Customer Tag No: DESMET TAG#: PW502.1/1, WORLD ENERGY TAG#: 19-P-754A, DESMET TAG#: PW502.1/2, WORLD ENERGY TAG #: 19-P-754B, DESMET TAG#: PW502.2/1, WORLD ENERGY TAG#: 19-P-854A, DESMET TAG#: PW502.2/2, WORLD ENERGY TAG#: 19-P-854B

Customer PO No.: **28493**End User: **DESMET BALLESTRA NORTH AMERICA****Please complete and return:**

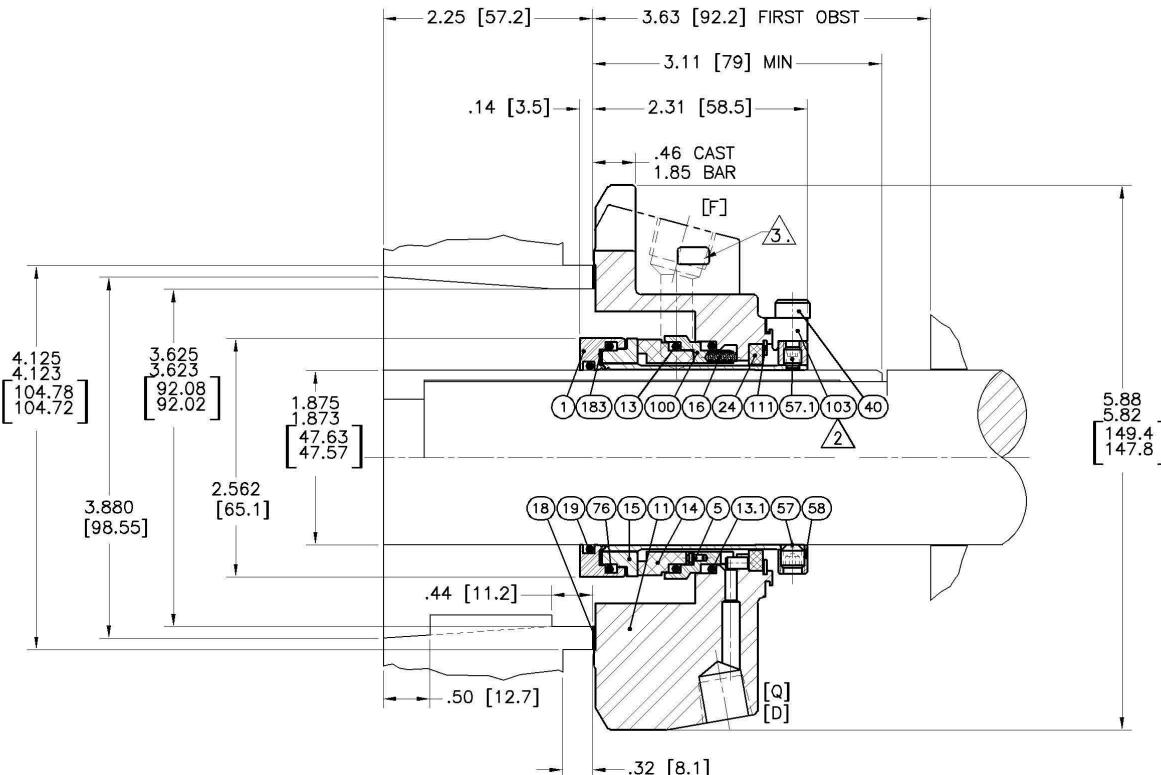
Document Reviewed by:		Document Reviewed date:	
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- APPROVED. NO ACTION REQUIRED**
- APPROVED. RE-SUBMIT AS FINAL.**
- APPROVED WITH COMMENTS. DOCUMENT WILL BE MODIFIED AND RESUBMITTED AS FINAL.**
- REJECTED. CORRECT AND RE-SUBMIT FOR APPROVAL.**
- FOR 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
	For Information	<a href="#">Morris, Tamika</a>	04-Feb-22

NO: 2D-422627 REV: A



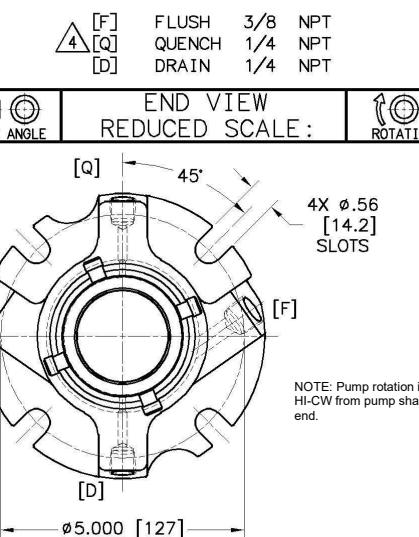
## NOTES:

- SEE INSTALLATION INSTRUCTIONS FOR REQUIRED MECHANICAL CONDITION OF EQUIPMENT.
- REMOVE SETTING DEVICES AFTER SEAL INSTALLATION.
- PERMANENT MARK SEAL TYPE, SEAL SIZE, AND GLAND MATERIAL.
- PORT PLUGS PROVIDED BY PUMP MANUFACTURER TO SUPPORT APPLICABLE PIPING PLAN(S).
- USE ONE WASHER ON EACH STUD BETWEEN THE GLAND RING AND THE NUT. WASHERS ARE TO BE SUPPLIED BY JCI WITH EACH COMPLETE SEAL.

REVISION: A DATE: 15-MAY-2011 BY: MNATARAJAN CHKD: MNATARAJAN ECN NO: 11-6240

REVISION NOTE: BM NUMBER WAS CSPX1875ECXVB, SEAL TYPE WAS ISC1PX, DRAWING UPDATED TO NEW BORDER AND CURRENT ENGINEERING STANDARD.

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DIM'S ARE REF UNLESS  
SPECIFIED OTHERWISE.  
DIM'S IN: INCHES [MM]  
C/A2  
JULY  
2009

BILL OF MATERIAL NO: C2CPX1875ECXVB			
			1 SUGGESTED SPARE PARTS 2 CODE/BSCE[X]/OFF. STD[W]
NO	PARTCODE	QTY	DESCRIPTION
1	C0011866DB	1	SLEEVE ASSEMBLY 316
5	C0012107NL	3	PIN SQ. HEAD ALLOY C-276
11	C0011308DB	1	GLAND SINGLE-CW 316
13	568141GU	1	SEAT GASKET FLUORELASTOMER
13.1	568141GU	1	SEAT GASKET FLUORELASTOMER
14	C0011928KR3	1	STATIONARY FACE CARBON (FDA GRADE)
15	K23C1875C33	1	ROTATING FACE SILICON CARBIDE
16	MIAX88403CM	14	COIL SPRING ALLOY C-276
18	MYCG4110AAC	1	GLAND GASKET PTFE, BaSO4 FILLED (FDA GRADE)
19	568134GU	1	SLEEVE GASKET FLUORELASTOMER
24	C0010316KR3	1	GLAND BUSHING CARBON (FDA GRADE)
40	C0012104CK	4	SHCS 10-24X3/8 18-8
57	4R0426X902	4	SSCP 1/4-20X1/4 17-4 H900
57.1	MLA36788233	2	SSQDP 10-24X7/32 ALLOY C-276
58	C0010378DB	1	DRIVE COLLAR 316
76	568141GU	1	ROT. FACE GASKET FLUORELASTOMER
100	C0011990DB	1	STATIONARY FACE SUPPORT 316
103	C0012106CK	4	SETTING DEVICE 18-8
111	UR243CK	1	SNAP RING 18-8
183	C0012052QF	1	VIBRATION DAMPER FLEXIBLE GRAPHITE

DESMET TAG#: PW502.1/1, WORLD ENERGY TAG#: 19-P-754A,  
DESMET TAG#: PW502.1/2, WORLD ENERGY TAG #: 19-P-754B,  
DESMET TAG#: PW502.2/1, WORLD ENERGY TAG#: 19-P-854A,  
DESMET TAG#: PW502.2/2, WORLD ENERGY TAG#: 19-P-854B

SEAL TYPE: ISC2-PX	SEAL SIZE: 1.875
SEAL CONFIG: SINGLE INSIDE-CARTRIDGE	
MATL CODE: 5Z4T	
EQUIP MFR: FLOWSERVE	INSTR: FIS190
EQUIP MODEL: MK II III GR 2K FML	
EQUIP DWG: CY55329A, CY55362A, CY55363A	

SCALE: TO SCALE	PARTS LIST NO: L0000060
DRAWN: SRKUMAR	REF DWG:
DATE: 14-JUL-2005	FORM DWG:
CHKD: VSUBRAMANIAM	DRAWING NO: SHEET: 1 OF: 1
APPVD:	REV: A
JOB NO: 2D-422627	Page 1 of 1