



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:

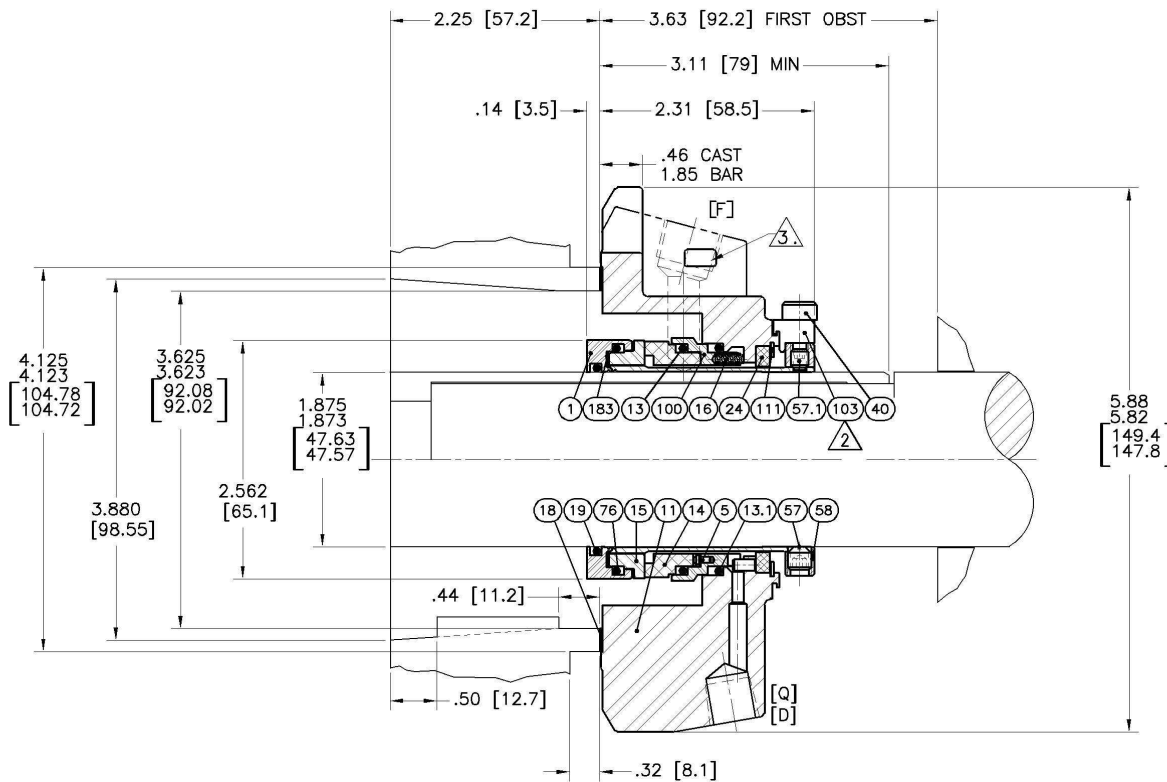
Document Reviewed date:

- ☐ **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	Morris, Tamika	04-Feb-22

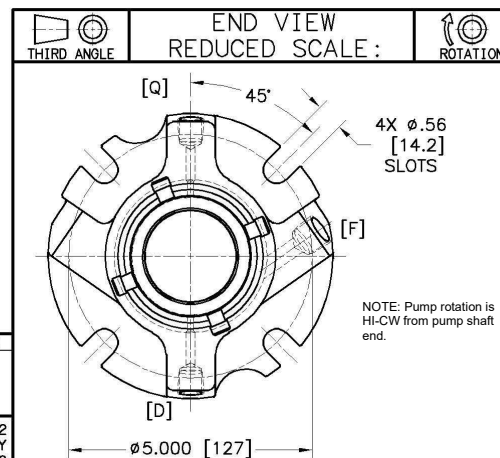
NO: 2D-422627 REV: A



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.

△ [F] FLUSH 3/8 NPT
 4 [Q] QUENCH 1/4 NPT
 [D] DRAIN 1/4 NPT



REVISION: A [DATE: 15-MAY-2011] BY: MNATARAJAN [CHKD: MNATARAJAN] [ECN NO: 11-6240]
 REVISION NOTE: BM NUMBER WAS C2CPX1875ECXVB, SEAL TYPE WAS ISC1PX, DRAWING UPDATED TO NEW BORDER AND CURRENT ENGINEERING STANDARD.

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

BILL OF MATERIAL NO: C2CPX1875ECXVB

1 SUBGESTED SPARE PARTS
 2 CODE/BSC[X]/OFF STD[W]

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

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: FLOWERVE

INSTR: FIS190

EQUIP MODEL: MK II III GR 2K FML

EQUIP DWG: CY55329A, CY55362A, CY55363A

FLOWERVE
 Flow Solutions Group

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 REV:

APPVD:

JOB NO: 2D-422627

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