



Customer Document title:

Mechanical Seal Drawing

Flowserve Document title: **Mechanical Seal Drawing**Flowserve Document No.: **1400944-008-5800-01**Document Revision No.: **A**Flowserve Order No.: **1400944**Flowserve Serial No.: **1400944CHP008A/F**Pump Type/Size: **MARK 3 STANDARD / 2K4X3-10RV**Quantity: **6**Customer Name: **DESMET BALLESTRA NORTH AMERICA**

PROJECT - WORPAR

ITEM NBR - P604B.2/1-P604B.2/2-P604B.1/1

P604B.1/2-P604B2.1/1-P604B2.1/2

TYPE - ASSY

eB NBR - 100212917.001

DATE - 10.02.2022

Customer Tag No: DESMET TAG#: P604B.2/1, WORLD ENERGY TAG#: 19-P-863A, DESMET TAG#: P604B.2/2, WORLD ENERGY TAG#: 19-P-863B, DESMET TAG#: P604B1.1/1, WORLD ENERGY TAG#: 19-P-763A, DESMET TAG#: P604B1.1/2, WORLD ENERGY TAG#: 19-P-763B, DESMET TAG#: P604B2.1/1, WORLD ENERGY

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

Please complete and return:

Document Reviewed by:

Document Reviewed date:

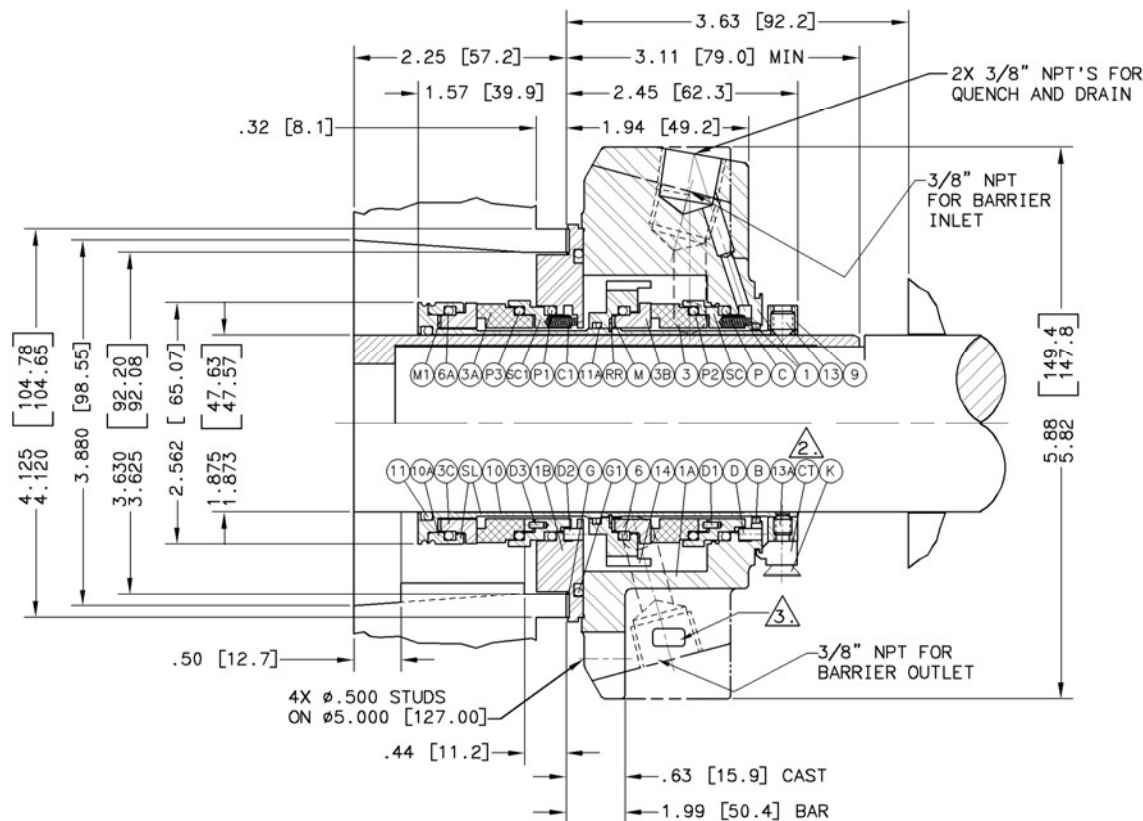
- ☐ APPROVED. NO ACTION REQUIRED
- ☐ APPROVED. RE-SUBMIT AS FINAL
- ☐ APPROVED WITH COMMENTS. DOCUMENT WILL BE MODIFIED AND RESUBMITTED AS FINAL.
- ☐ REJECTED. CORRECT AND RE-SUBMIT FOR APPROVAL.
- ☐ FOR INFORMATION. REVIEW NOT REQUIRED
- ☐ AS-BUILT

- 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

2D-416226 1 (Both) Rev: - KAL Eng McHugh, Christopher (10133286) Apr-13-2015 10:05:16

NO: 2D-416226
REV: -

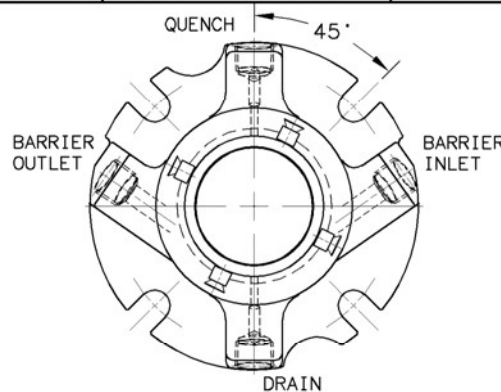


NOTES:

- SEE INSTALLATION INSTRUCTIONS FOR REQUIRED MECHANICAL CONDITION OF EQUIPMENT.
- REMOVE CENTERING TABS AFTER SEAL INSTALLATION.
- PERMANENT MARK SEAL TYPE, SEAL SIZE, AND GLAND MATERIAL.

NOTE: Pump rotation is HI-CW from pump shaft end.

THIRD ANGLE
END VIEW
REDUCED SCALE:
ROTATION



BILL OF MATERIAL NO: CSCPP1875ECCVB

*SUGGESTED
SPARE PARTS

(NO)	PART NUMBER	CODE	QTY	DESCRIPTION	MATERIAL	* SUGGESTED
3	KR3D1875C33		1	STATOR	NO 5 CBN	X
3A	KR3D1875C33		1	STATOR	NO 5 CBN	X
3B	K23C1875C33		1	MATING RG	SILICON CARBIDE 2	X
3C	K23C1875C33		1	MATING RG	SILICON CARBIDE 2	X
C	MIAX88403CM		14	SPG	HAST C	X
C1	MIAX88403CM		14	SPG	HAST C	X
SC	NE3Y1875C33		1	STATOR CARRIER	316 SS	X
D1	MIAX88402AP		2	PN 0.062X0.16	HAST C	X
SC1	NE3Y1875C33		1	STATOR CARRIER	316 SS	X
D3	MIAX88402AP		2	PN 0.062X0.16	HAST C	X
P	568141GU		1	O-RING	FLUOROELASTOMER	X
P1	568141GU		1	O-RING	FLUOROELASTOMER	X
P2	568141GU		1	O-RING	FLUOROELASTOMER	X
P3	568141GU		1	O-RING	FLUOROELASTOMER	X
6	568141GU		1	O-RING	FLUOROELASTOMER	X
6A	568141GU		1	O-RING	FLUOROELASTOMER	X
G	MYCG4110AAC		1	GSKT	GYLON 3510	X
G1	568153GU		1	O-RING	FLUOROELASTOMER	X
1	GEB3706491B		1	GLD ASSY/ISC	316 SS	
1A	GEB3706501B		1	GLD RG	316 SS	
D	MIAX8840209		2	PN 0.125X0.25	HAST C	
B	Y53A1875TK3		1	BUSH	NO 5 CBN	X
1B	GEA3706511B		1	INNER GLD/ISC	316 SS	
D2	MIAX88402DH		2	PN 0.125X0.203	HAST C	
RR	1SR1615		1	RET RG	INCONEL	X
14	QE3E1875CB3		1	ROTOR CARRIER	316 SS	X
CT	MLA36819533		4	CENTERING TAB/ ANODIZE BLUE	ALUM	X
K	MCA35467803		4	FHCS 10-24X0.5	304 SS	
SL	EEMB372092I		1	SLV ASSY/ISC	316 SS	
10	EEKB372079I		1	SLV/ISC	316 SS	
10A	NE3R1875C33		1	DRIVE RG	316 SS	
M	MJ3D1875C33		1	VIB DAMPENER	DMC 340	X
M1	MJ3D1875C33		1	VIB DAMPENER	DMC 340	X
9	LE3D1875C33		1	SLV COL	316 SS	
13	4R0426NL		4	SSCP 1/4-20X1/4	ALLOY C-276	X
13A	MLA36788233		4	SPEC SSQDP 10-24X.22	HAST C	X
11	568134GU		1	O-RING	FLUOROELASTOMER	X
11A	568033GU		1	O-RING	FLUOROELASTOMER	X
	MLA37245933		1	INSTALLATION KIT		X
	MNA21617201		1	SHORT SHANK HEX KEY/0.125	STL	
	MLA21480433		1	DOW CORNING 111 LUBE		

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DESMET TAG#: P604B1.1/2, WORLD ENERGY TAG#: 19-P-763B,
DESMET TAG#: P604B2.1/1, WORLD ENERGY TAG#: 19-P-763C,
DESMET TAG#: P604B2.1/2, WORLD ENERGY TAG#: 19-P-763D

SEAL CONFIG: DUAL-FACE TO BACK-CARTRIDGE	SIZE CODE:
MATL CODE: E R 2 E F/V V V	WEIGHT:
EQUIP MFR: FLOWERVE	INSTR: FIS120
EQUIP MODEL: MK III GR 2K FML	DESIGN:
EQUIP DWG:	SCALE: TO SCALE
FLOWERVE	DRAWN: KTRIEMSTRA
Flow Solutions Division	DATE: 28-APR-2004
	CHKD: KTRIEMSTRA
	APPVD:
	F.O. NO:
	OPTIONS:
	REF DWG: 2D-380087
	FORM DWG: 2F-382456
	ASSY/ORDER NO: SHEET: 1 OF: 1
	REV: -
	2D-416226 1

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DIM'S IN: INCHES [MM]

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