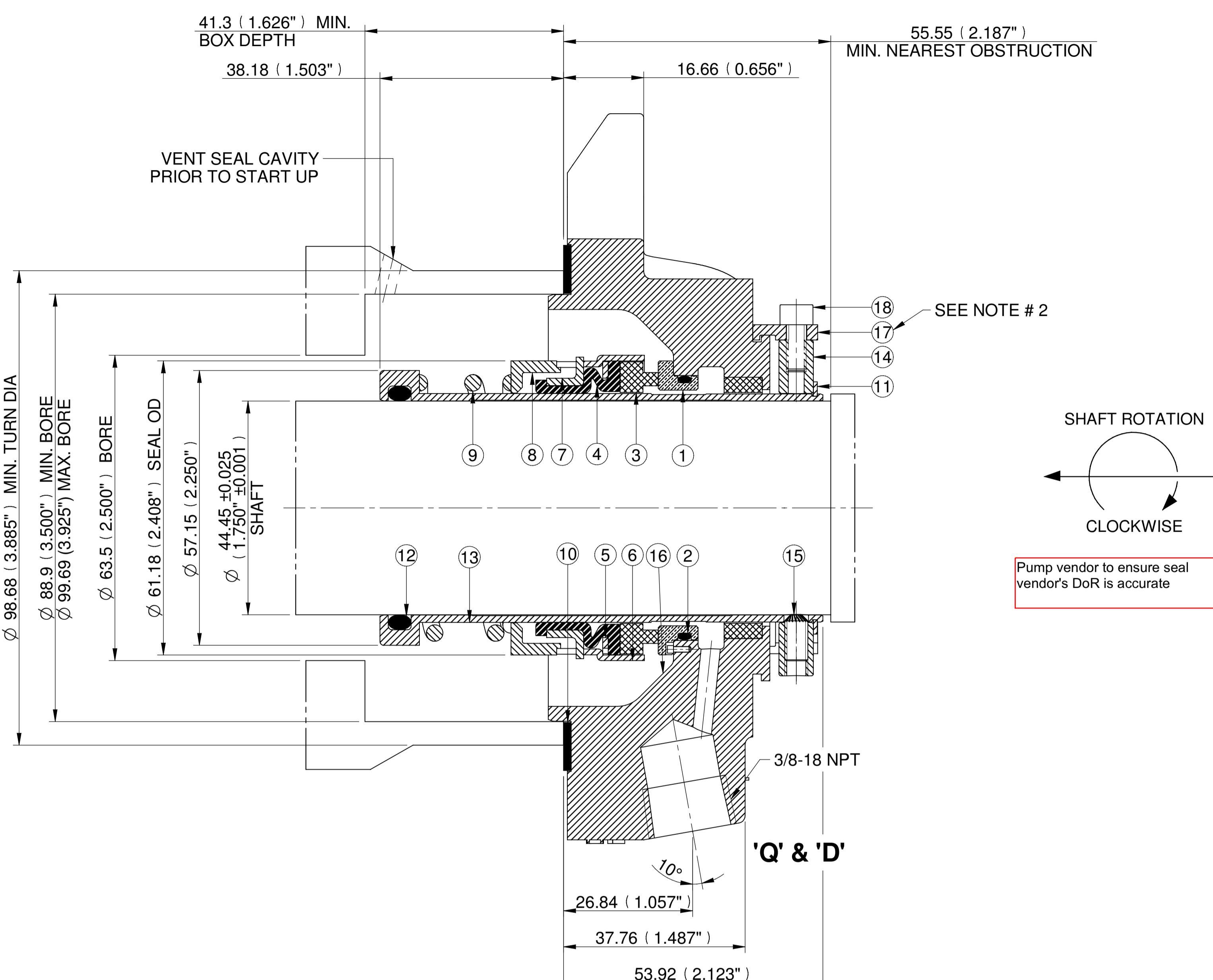
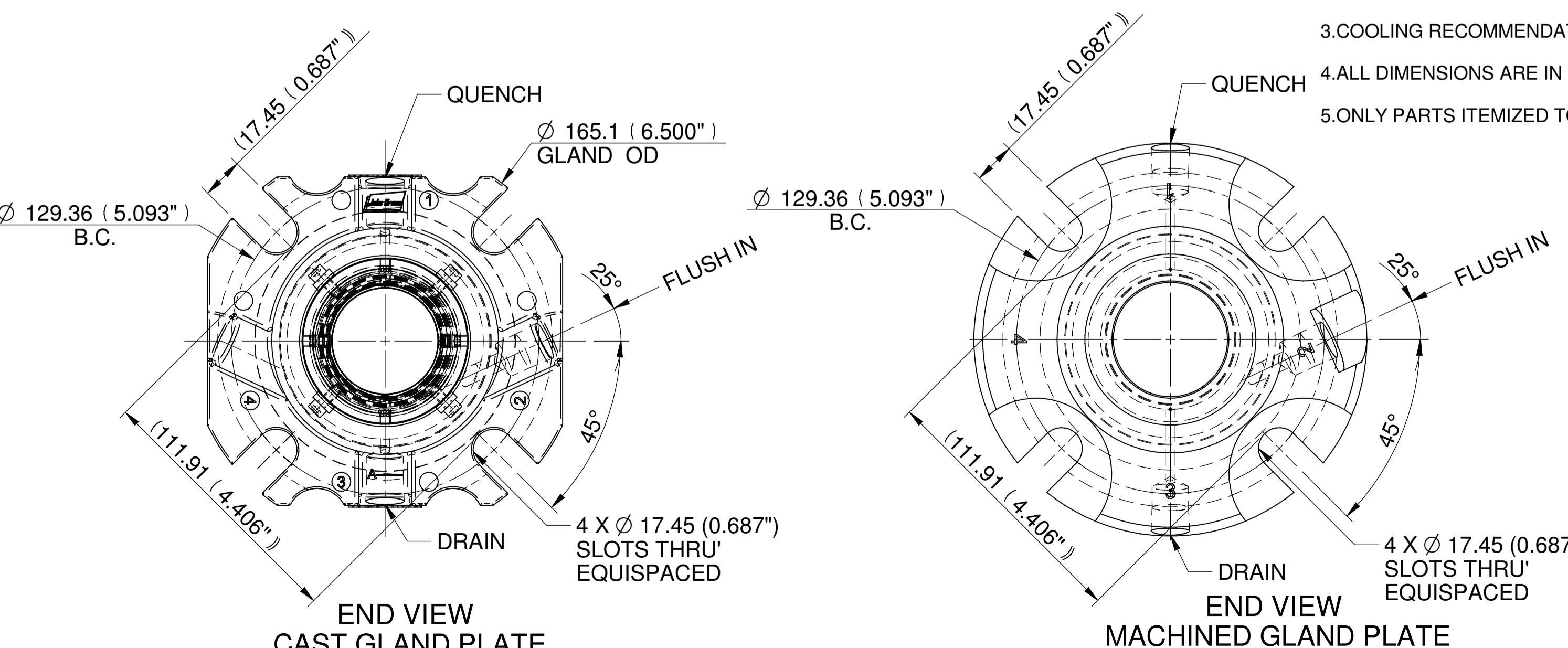


NOTE:
CAST GLAND PLATE DESIGNED TO FIT COOLING JACKETS
ON STANDARD PUMPS



NOTES:
1. REFER TO JOHN CRANE SEAL AND INSTALLATION INSTRUCTIONS - FOR RECOMMENDED PRACTICE
2. "SPACER (ITEM # 17) IS ONLY FOR THE PURPOSE OF PROPERLY LOCATING SEAL. AFTER GLAND PLATE, BEARING, SHAFT AND SEAL ARE LOCKED IN PLACE, SPACER MUST BE REMOVED BEFORE STARTING UNIT."
3. COOLING RECOMMENDATION: PROVIDE A FLUSH OF SUITABLE LIQUID TO THE SEAL
4. ALL DIMENSIONS ARE IN MM & DIMENSIONS IN () ARE IN INCHES UNLESS OTHERWISE STATED.
5. ONLY PARTS ITEMIZED TO BE SUPPLIED BY JOHN CRANE.



FOR ALTERNATE ARRANGEMENTS SEE THE FOLLOWING DRAWINGS	
SINGLE O-RING SEAL	HSP-38067
RUBBER BELLows SEAL	HSP-38071
METAL BELLows SEAL	HSP-38073
O-RING SEAL W/QUENCH	HSP-38068
RUBBER BELLows W/QUENCH	HSP-38072
METAL BELLows W/QUENCH	HSP-38074
DUAL O-RING SEAL	HSP-38069
DUAL METAL BELLows	HSP-38075
DUAL METAL BELLows WITH PUMPING RING	HSP-38076
DUAL O-RING SEAL WITH PUMPING RING	HSP-38070

1	H-1751-717	MATING RING	SILICON CARBIDE	1	X
2	0000033	O RING	FLUOROELASTOMER	1	X
3	D-1875-121	PRIMARY RING ***	SILICON CARBIDE	1	X
4	D-1875-163	BELLOWS	FLUOROELASTOMER	1	X
5	D-1875-312	DISC	316 S.S.	1	
6	D-1875-095	RETAINER	316 S.S.	1	
7	D-1875-030	DRIVE BAND	316 S.S.	1	
8	D-1876-849	ADAPTOR, SPRING	316 S.S.	1	
9	4090	SPRING ***	316 S.S.	1	X
10	H-1751-820	GASKET	G.F. CHEMLOM	1	X
11	4101870002	SNAP RING	18-8 S.S.	1	X
12	0000224	O RING	FLUOROELASTOMER	1	X
13	H-1751-758	SLEEVE	316 S.S.	1	
14	H-1751-734	COLLAR	316 S.S.	1	
15	17103206000	SET SCREW CUP POINT	HARDENED 416 S.S.	4	X
16	H-1751-824	GLAND PLATE ASSEMBLY ****	316 S.S./CARBON	1	
17	D-0002-684	SPACER	SINTERED 316 S.S.	4	X
18	21083206000	CAP SCREW SOCKET HD	316 S.S.	4	X

TAG # 19-P-055 A/B

**
D-1875-121 CARBON
D-1875-819 MACHINED
D-1876-247 P90

4090 316 S.S.
2021 MONEL
0481 18-8 S.S.

H-1751-824 CAST GLAND PLATE ASSEMBLY
H-1751-911 MACHINED GLAND PLATE ASSEMBLY

WARRANTY APPLIES TO
DIMENSIONAL DATA ONLY -
COMPLETE SERVICE DATA WAS
NOT SUPPLIED

BILL OF MATERIALS NUMBER	
IN : D-1876-957	ASSEMBLY 1-18
OUT:	SEAL HEAD
	SPARES KIT
	DESCRIPTION ITEMS NUMBER
EQUIPMENT REFERENCE	
OEM:	API PLAN: Plan 03 API CODE:
EQUIPMENT TYPE:	
MODEL, FRAME / SIZE GRISWOLD 811 M 4x3-8 (A70)	INSTRUCTION MANUAL REF.
SERIAL / DRAWING No.	MATERIAL CODE: X1 058 1 X 058 1 316/316
CUSTOMER INFORMATION	
CUSTOMER:	FLUID: WATER, WASTE
P.O. NUMBER:	PLANT ITEM NO:
END USER:	BARRIER FLUID: NOT APP.
LOCATION:	CHAMBER PRESSURE: 6.6 PSIG
PLANT:	SUCTION PRESSURE: 0.0 PSIG
REFERENCE DATA:	DISCHARGE PRESSURE: 22.1 PSIG
SEAL FLUSH RATE: FLUID SYSTEM DRG:	PROCESS TEMPERATURE: 90-120 DEG F
IPROJECTS NO:	SHAFT SPEED: 1,750 RPM Variable Speed VAPOUR PRESSURE:
	SPECIFIC GRAVITY: 1.00 VISCOSITY: 1.0 CP
SEAL SIZE: Ø1.750"	DE / NDE DRG NO:
SEAL TYPE: 5611Q SINGLE CARTRIDGE (BIG BORE)	
DRAWING No.	
SCALE 1.6:1	DATE 091096 DRAWN SKN CHECKED TJS APPROVED JWH DESIGN AUTH. US01EN
	ISSUE