

PURCHASERS REFERENCES

APPLICABLE TO: ☐ PROPOSALS ☒ PURCHASE ☐ AS BUILT

FI

☒ PUMP Mfr. SULZER
☒ SIZE & TYPE 14 X 24 X 27 VCR-D Single Stage
☒ SERIAL NO. 38369-001, 002 and 003
☒ DRIVER TYPE ELECTRIC MOTOR, VERTICAL DIRECT
☒ THIS DATA SHEET COVER 3 PUMP(S)
☒ PUMP MARK NO(S): H16 G 201A, H16 G 201B
H16 G 201C, G
G, G
☒ DRIVER DATA SHEET SEE SPEC. BE-280419
☐ GEAR UNIT DATA SHEET _____
☐ LUBE OIL SYST. DATA SHEET _____
☒ SAFETY INSTRUCTION SHEET See Mat. Requisition Appendix 3

RATED OPERATING CONDITIONS (NOTE 7 SUMMER DESIGN / WINTER)

<input checked="" type="radio"/> RATED CAPACITY	USGPM	<u>6000</u>
<input checked="" type="radio"/> TOTAL DIFFERENTIAL HEAD	FT	<u>299</u>
<input checked="" type="radio"/> VISCOSITY CORRECTION FACTORS $C_G; C_H; C_E$		<u>1 1 1</u>
<input checked="" type="radio"/> CLOSED <input type="radio"/> OPEN SUCTION SYSTEM		
<input checked="" type="radio"/> FOR CLOSED SUCTION SYSTEMS: ENTER DATA ON FIG. 1		
NPSH AVAILABLE AT SUCTION FLG.		
<input checked="" type="radio"/> AT RATED CAPACITY		
<input type="radio"/> AT 120% OF RATED CAPACITY		
<input checked="" type="radio"/> RATED SUCTION PRESSURE @ sucl. Flange	PSIG	<u>52.2</u>
<input checked="" type="radio"/> MAX. SUCT. PR. AT RATED CAP.	PSIG	<u>107.7 / 107.4</u>
<input checked="" type="radio"/> MAX. SUCT. PR. AT SHUT-OFF	PSIG	<u>107.7 / 107.4</u>
<input checked="" type="radio"/> RATED DISCHARGE PRESSURE @ disch. Flange	PSIG	<u>168.8 / 164.9</u>
<input checked="" type="radio"/> MAX. DISCH. PR. AT RATED CAP.	PSIG	<u>224 / 220.1</u>
OPEN SUCTION SYSTEMS: ENTER DATA ON FIGURE 2		
<input checked="" type="radio"/> RATED DISCHARGE PRESS.	PSIG	
<input checked="" type="radio"/> ESTIMATED SHUT-OFF DISCH. PRES.	PSIG	<u>243.4 / 238.9</u>
(TO BE CONFIRMED BY MANUFACTURER)		

See Fig. 1

SEE FIG 1

SHAFT SEALING

☐ PACKED STUFFING BOX
 PROVIDED WITH LANTERN RING: ☐ YES ☐ NO
 SEALING ARRANGEMENT ☐ THROUGH SEALING
☐ DEAD ENDED SEAL
 FLUSHED WITH ☐ LIQUID PUMPED ☐ GREASE
☐ FOREIGN LIQUID ☐ BLEED OFF

● MECHANICAL SEAL API CODE BSTFN - TYPE 8
 ● API CODE MAT'L 3RD LETTER
 4TH LETTER SILICON CARBIDE
 5TH LETTER CARBON / SILICON CARBIDE

☒ MAKE JOHN CRANE
☒ MANUFACTURER MAT'L CODE 0800 / 605 / -- / W26280
☒ MODEL 605 - AFC - 58 / PG

● PIPING FOR PRIMARY SEAL API FIG. D-2 PLAN 31 / 32 (NOTE 4)
 ● PIPING FOR THROTTLE BUSHING OR
 AUXILIARY SEAL API FIG. D-3 PLAN PLAN 61

☐ COOLING WATER PIPING, API FIG. D-4 PLAN

CYCLONE SEPARATOR	● YES	<input type="radio"/> NO
FLOW ORIFICE IN SEAL FLUSH SUPPLY LINE	● YES	<input type="radio"/> NO
SEAL LEAKAGE PIPING WITH ORIFICE	● YES	<input type="radio"/> NO
BUFFER LIQUID SYSTEM	<input type="radio"/> YES	<input type="radio"/> NO
METHANOL DRIP SYSTEM	<input type="radio"/> YES	<input type="radio"/> NO

☒ REQUIRED: PRESSURE 100 PSIG; FLOW 0.8 - 1.3 US GPM
☐ CARTRIDGE DESIGN ☒ YES ☐ NO

