

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	PSIG	<u>53.2</u>
<input type="radio"/> AT 120% OF RATED CAPACITY	PSIG	<u>107.7 / 107.4</u>
<input checked="" type="radio"/> RATED SUCTION PRESSURE @ sucl. Flange	PSIG	<u>107.7 / 107.4</u>
<input checked="" type="radio"/> MAX. SUCT. PR. AT RATED CAP.	PSIG	<u>168.8 / 164.9</u>
<input checked="" type="radio"/> MAX. SUCT. PR. AT SHUT-OFF	PSIG	<u>224 / 220.1</u>
<input checked="" type="radio"/> RATED DISCHARGE PRESSURE @ disch. Flange		
<input checked="" type="radio"/> MAX. DISCH. PR. AT RATED CAP.		
OPEN SUCTION SYSTEMS: ENTER DATA ON FIGURE 2		
<input checked="" type="radio"/> RATED DISCHARGE PRESS.	PSIG	<u>243.4 / 238.9</u>
<input checked="" type="radio"/> ESTIMATED SHUT-OFF DISCH. PRES. (TO BE CONFIRMED BY MANUFACTURER)	PSIG	<u>243.4 / 238.9</u>

See Fig. 1
SEE FIG 1
 53.2

SHAFT SEALING

PACKED STUFFING BOX PACKING MAT'L _____

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 B

● 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 NO

FLOW ORIFICE IN SEAL FLUSH SUPPLY LINE ● YES NO

SEAL LEAKAGE PIPING WITH ORIFICE ● YES NO

BUFFER LIQUID SYSTEM YES NO

METHANOL DRIP SYSTEM YES NO

REQUIRED: PRESSURE _____ 100 _____ PSIG; FLOW _____ 0.8 - 1.3 _____ US GPM

CARTRIDGE DESIGN ● YES NO

MINI 707

