



**IDENTIFICATION**

PUMP TYPE

MSE

SIZE

2x4x8.75 A

**SPECIFICATIONS**

SERVICE	BOILER FEEDWATER PUMPS		
PUMPAGE	BOILER FEEDWATER	@ sp gr	280 0.95 °F
CAPACITY, gpm	91	HEAD SPEED	1180 3560 ft rpm

**EQUIPMENT**

STUFFINGBOX     PACKED     MECHANICAL SEAL     PACKINGLESS.

VENDOR TYPE    JOHN CRANE  
8B1-PR

**BEARINGS**

VENDOR TYPE    7309    3309  
THRUST BALL    RADIAL BALL

**DRIVER**

VENDOR FRAME NO.    GENERAL ELECTRIC    365TS    hp    75  
VENDOR FRAME NO.                                        hp

**COUPLING**

VENDOR TYPE    KOP-FLEX    KD 2 SERIES    SIZE    153

(\* INDICATES SUPPLIED BY CUSTOMER)

NPSH REQUIRED

40

20

EFF. %

90

80

70

60

50

40

30

20

10

0

B.H.P.

150

100

50

0

NPSH AT COLL. IMP.

HEAD

1500

1200

1100

1000

900

800

IMP. AT 1 SP. CR.

300

600

900

1200

1500

GALLONS PER MINUTE

300

600

900

1200

1500

WITNESS TEST PERFORMANCE

SULZER BINGHAM PUMPS, INC.  
PORTLAND, OREGON

IMPPELLER  
MAX. DIA. 9"  
MIN. DIA. 7.5"  
DIA. EYE 4.2"  
SQ. AREA 14.2

2\*4\*8.75 MSE A 4-STG PUMP  
DIA. IMPELLER B. 4"  
N.P.S.H. REQUIRED REFERENCE  
IMPPELLER PALL 21355E-223  
3560 R.P.M.  
CURVE NO. 46624

PUMP ENGINEERING DEPT.

**SULZER BINGHAM PUMPS INC.**

BOILER FEED WATER  
PO# C-8809-19  
ITEM# N-28712 B  
PUMP# 10187

\*\*1D186/7

8/17/89

KB.

TOTAL DYNAMIC HEAD IN FEET