

MISCELLANEOUS PIPING MATERIAL

▲ 5038.33

DWG # SIS-1

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J. O. NO.

12777.12

CLIENT

CCPC

BY

L.R.

LOCATION

CORPUS CHRISTI, TEXAS

REV.

ITEM

48" - 150# BUTTERFLY VALVE

MARK NO.

MM-668

REF: HV-9083

QUANTITY

ONE (1)

SERVICE

PROPYLENE (LINE NO. 48" - PR-174000 - A1D)

DESCRIPTION

BUTTERFLY VALVE - RESILIENT SEAT. VALVE TO BE MOTOR OPERATED.

SIZE : 48"

RATING : 150# W.O.G.

END FACING : RAISED FACE (SEE NOTE 1)

BODY : CARBON STEEL - PLATE MATERIAL A155 GR. KCF 55 CL.1.

(IMPACT TESTED - SEE NOTE 2)

DISC : SAME AS BODY MAT'L WITH 304 SS SEATING EDGE, 90° DISC OPENING (SEE NOTE 2)

RESILIENT SEAT: TEFLON, VITON OR APPROVED EQUAL (SEE NOTES 3 & 4):

STEM : 304 SS

PACKING : MFR'S STD.

OPERATING PRESSURE : 10 PSIG (MAX)

OPERATING TEMPERATURE : -27°F (MAX)

FLOW MEDIUM : PROPYLENE VAPOR

VENDOR: GEBRUDER ADAMS ARMATUREN W. GERMANY

NOTE 1 : VALVE HAS A 630mm (24.8 IN.) FACE TO FACE DIMENSION. FLANGES FACED AND DRILLED IN ACCORDANCE WITH MSS SP44.

NOTE 2 : CHARPY V-NOTCH IMPACT TESTS SHALL BE PERFORMED. IMPACT TEST & ACCEPTANCE CRITERIA (FOR BASE METAL, HEAT AFFECTED ZONE AND

DEPOSITED WELD METAL) SHALL MEET ASME CODE SECTION VIII DIV. I PARAGR. 4. IMPACT TEST SHALL BE PERFORMED @ OR BELOW -50 F. CORROSION ALLOWANCE OF 0.05" REQUIRED ON CARBON STEEL WETTED PARTS.

NOTE 3: VENDOR MUST SUBMIT LEAKAGE DATA IF BUBBLE TIGHT SHUT-OFF CANNOT BE ACHIEVED.

NOTE 4: METAL TO METAL SEAT TO BE SPECIFIED AS ALTERNATE DESIGN. VENDOR TO SUBMIT LEAKAGE DATA.

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