

MODS.
 67794/0
 19.4.91
 H7950
 21.1.92

PRODUCT DESCRIPTION.

EOT 2702, 3 PORT VALVE.

GENERAL CHARACTERISTICS.

CONTROL MEDIUM: LOW PRESSURE WATER.

MAX. WATER TEMPERATURE (CONTINUOUS) 93 °C

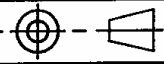
MIN. WATER TEMPERATURE 2 °C

MAX. INTERNAL PRESSURE. 10.06 BAR.

MAX. DIFFERENTIAL PRESSURE 0.70 BAR.

FLOW RATE: PORT A OR PORT B. = 8.7 Kv
 MID POSITION = 10.9 Kv

29 JAN 1992

THIRD ANGLE PROJECTION 	DIMENSIONS _____	SUNVIC CONTROLS LTD LIDDINGSTON - G71 6NP - SCOTLAND	
	SCALE _____		
DRAWING CONFORMS TO B.S. 308	DRAWN BY A.R.	TITLE PRODUCT DESCRIPTION.	
LIMITS: Unless otherwise specified	CH'D BY _____		
±0.1mm (0.00)	±.005" Dec. Dims.	INSTR. REF.	
±0.4mm (0.0)	±1/64" Frac. Dims.		
±0.05mm Hole Crs.	±.002" Hole Crs.	PART/CODE OR ORG. No. CH. No.	
+0.07mm Hole Dias.	+.003" Hole Dias.		
-0.00mm Hole Dias.	-.000" Hole Dias.	ZZ 61298 (SHEET 1) 1	
±2° Angles			
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	FINISH _____		

MODS.
 H7763|0
 26/4/91
 H7815|1
 28/6/91

3 PORT DIVERTER VALVE TYPES FDT, EDT, DT

General Characteristics

The valve is a three port diverter valve for the flow control of low pressure hot and cold water. The twin self cleaning shoes ensure a good shut off when closed, particularly in water temperatures above 40°C.

Valves are suitable for use with SD actuators.

Minimum water temperature 2°

Maximum water temperature (continuous) 93°C

Absolute maximum water temperature (transient fault conditions) 110°C

Maximum Internal Pressure 10.6 bar

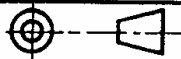
Maximum Differential Pressure 0.7 bar

Allowable let-by in water @ 40°C 0.2 - 0.7 bar is less than 2 ml/min.

TORQUE - ASSEMBLED VALVE

The torque shall not exceed 12 oz. in. when shoes lie between ports and 18 oz. in. when shoe rises out of port.

THIRD ANGLE
 PROJECTION



DRAWING CONFORMS TO B.S. 308

LIMITS: Unless otherwise specified

±2° Angles	±.005" Dec. Dims.
±0.1 mm (0.00)	±1/64" Frac. Dims.
±0.4 mm (0.0)	±.002" Hole Crs.
±0.05mm Hole Crs.	±.003" Hole Dias.
+0.07mm Hole Dias.	-.000"
-0.00mm	

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DRAWN BY AM^{CG}

CH'D BY

APP'D BY

DATE 28/6/91

SCALE -

DIMENSIONS

MATERIAL

SPEC.

FINISH

SUNVIC CONTROLS LTD

UDDINGSTON - G71 6NP - SCOTLAND

TITLE

INSTRUMENT SPECIFICATION
 FDT, EDT & DT VALVES

INST. REF.

PART/CODE OR

DRG. No. CH.

61293 Page 1 of 2

ML