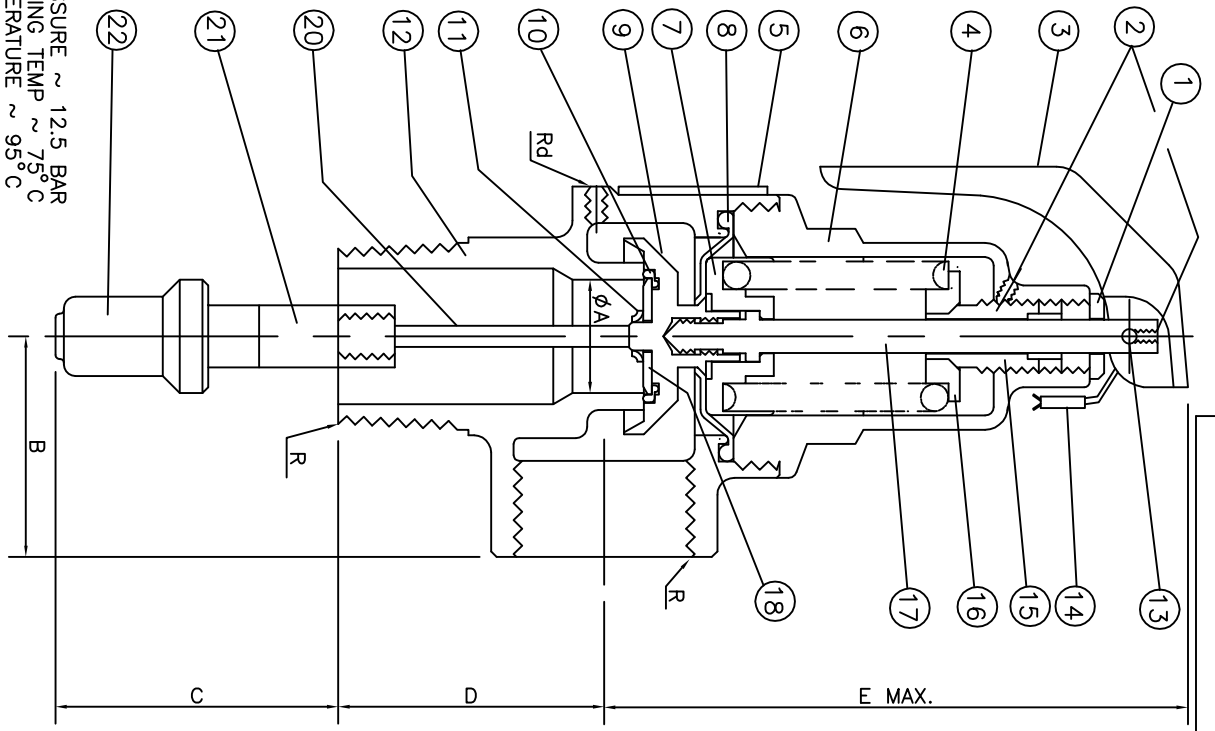


PART NO.	DWG NO.	238	ISSUE F	SIG. B.B.	DATE 18/7/01	FOR REVISION HISTORY
REF No	USED ON ~	FIG. No. 500T	SEE REV SHEET	CDT32/V52		
SEAT SEAL ALTERED TO NEW SPECIFICATION						



MAX. PRESSURE ~ 12.5 BAR
 MAX WORKING TEMP ~ 75°C
 SET. TEMPERATURE ~ 95°C

JOB No.	
MATERIAL	
FINISH	
PATTERN NO.	
PRESSING No.	
CUSTOMER No.	

REF.No.	NAME OF PART	MATERIAL
1	THRUST WASHER	BS-EN 12164 :1998 CW609N
2	GRUBSCREW	STEEL
3	TEST LEVER	BS-EN1982:1999 TABLE 7 (CC754S)
4	SPRING	STEEL BS2803/BS970
5	NAMEPLATE	ALUMINIUM
6	SPRING COVER	BS-EN 1982:1999 CB491K
7	PISTON	BS-EN 12164 :1998 CW609N
8	DIAPHRAGM	SILICONE RUBBER
9	SEAT SEAL HOLDER	BS-EN 1982:1999 CB/CC491K
10	SEAT SEAL	VITON
11	STARLOCK WASHER	STAINLESS STEEL
12	BODY	BS-EN 1982:1999 CB491K
13	LEVER PIN	STEEL
14	LEAD SEAL	LEAD
15	ADJUSTING SCREW	BS-EN 12164 :1998 CW609N
16	SPRING PLATE	BS-EN 12164 :1998 CW609N
17	SPINDLE	BS-EN 12164 :1998 CW721R
18	SEAT SEAL RETAINING PLT	BS-EN 1982:1999 CC491K
20	PUSH ROD	STAINLESS STEEL
21	ADAPTOR	BS-EN 12164 :1998 CW609N
22	THERMOSTAT	COPPER

VALVE SIZE (DN)	φA	R	B	C	D	E	Rd
15	15	3/4	33	81	48	100	-
20	20	1	39	81	47	110	-
25	25	1 1/4	45	88	56	125	-
32	32	1 1/2	54	127	62	165	1/4
40	40	2	64	127	71	200	1/4
50	50	2 1/2	76	127	82	220	1/4

FOR INDIVIDUAL DRAWING NUMBERS REFER TO MANUFACTURING SPECIFICATIONS

Remove all burrs and sharp edges
 Chamfer first thread at 45°
 Casting dimensions ± 0.4mm
 Machining dimensions ± 0.1mm
 Unless otherwise stated.

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Do not scale, if in doubt ASK
 Projection
 ✓ Machine
 All dimensions in mm.

Checked	A.B.
Drawn	7.4.95
Date	N.T.S.
Scale	

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GENERAL ARRANGEMENT OF FIG. No. 500T HIGH LIFT COMBINED PRESSURE & TEMPERATURE RELIEF VALVE

Part No. REF No. 238 Issue F