



 SECONDARY MASTER

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NOTES:

1. MATERIALS OF CONSTRUCTION: UPPER AND LOWER ASSEMBLIES, 316L ST.STL
 VEE BAND CLAMP, 304 ST.STL
 SEAL MATERIALS AS SPECIFIED IN TABLE.
2. OPERATING TEMPERATURE IS LIMITED BY CARTRIDGE EXPANSION.
3. INTERNAL AND EXTERNAL SURFACES OF ASSEMBLY HAVE A GLASS BEAD FINISH, IN ACCORDANCE WITH
 PALL SPECIFICATION T196.
4. AFTER GLASS BEAD FINISHING, UPPER AND LOWER ASSEMBLIES ARE PASSIVATED IN ACCORDANCE WITH
 PALL SPECIFICATION CP6.
5. ELECTRO-CHEMICALLY ETCH THE HOUSING NAMEPLATE POSITIONED CENTRALLY ON THE PARALLEL SECTION OF
 THE UPPER BOWL USING TOOL NO. S17488 (DRAWING NO. C04272/B00), THE CE MARK USING
 TOOL NO. S17489 (DRAWING NO. C11728/B00) AND THE NOTCHED BODY NO. 0038 DIRECTLY BENEATH THE
 NAMEPLATE AND THE FLOW DIRECTION ARROWS IN POSITION SHOWN ON BOTH SIDES OF THE LOWER
 ASSEMBLY USING TOOL NO. 14182 (DRAWING NO. 445-18142) ALL IN ACCORDANCE WITH PALL SPECIFICATION
 T55.
6. CARE MUST BE TAKEN TO AVOID DAMAGE TO PARTS DURING MOVEMENT BETWEEN WORK STATIONS AND
 WHILE IN STORAGE.
7. FINISHED ASSEMBLIES MUST BE CLEAN AND OIL FREE.
8. HYDRO-TEST IN ACCORDANCE WITH PALL SPECIFICATION T218.
9. ON ASSEMBLIES WITH FLANGED CONNECTIONS, FLANGE BOLT HOLES STRADDLE THE NATURAL CENTRE LINES.
10. TRAIL FT. 1001 CARTRIDGES PRIOR TO SHIPMENT IN ACCORDANCE WITH PALL PROCEDURE P0SP2436.

PART SECTION 'X-X'

CODE	CARTRIDGE	DIM 'A'	DIM 'B'	WEIGHT KG	CAPACITY Ltr
1	1-HIGH	637	254	11.7	12.4
2	2-HIGH	892	508	14.2	18.4
3	3-HIGH	1151	762	16.9	24.6
4	4-HIGH	1405	1016	19.5	30.6

CODE	SEAL MATERIAL
H	VITON (FDA APPROVED)
J	ETHYLENE PROPYLENE
HB	VITON (NON FDA APPROVED)
H4	SILICONE

ASSEMBLY PART NUMBER: EMS03(G32)()

PALL
 EMS03(G32)()
 P₀ = -1/10 bar g
 -14.5/145 psi
 t₀ = -10/80 °C
 14/176 °F
 V =

SEE TABLE
 BATCH No. [] []
 YEAR OF MANUFACTURE [] []
 NAMEPLATE & CE MARK ETCHING DETAILS
 SCALE 1:3

SPECIFICATION

DESIGN CODE... PALL INDUSTRIAL STANDARD...
 DESIGN TEMPERATURE... 10 bar g...
 WORKING PRESSURE... 10 bar g LIQUID 2.6 bar g STEAMING ONLY
 WORKING TEMPERATURE... 80°C LIQUID 140°C STEAMING ONLY
 HYDROSTATIC TEST PRESSURE(VESSELS) 17 bar g.
 GROSS OPERATING WEIGHT... SEE TABLE.

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ORIGINAL ISSUE	
NAME	DATE
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PREP. ENGR. T. LUNN	09-04-01
PREP. CDNT. S. GIBBONS	

TOLERANCES UNLESS STATED	
X	±1.5
.X	±0.5
.XX	±0.15
ANGLES ± 1°	
FINISH 3.2	
DEBUR ALL EDGES	
ORIGINAL ISSUE	
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MODIFIED BY: R. GALAS	12-02-01
CHECKED BY: J. ALLEN	05-04-01
APPROVED BY: J. ALLEN	05-04-01
DIMENSIONS IN MILLIMETRES	

TITLE:
 GENERAL ASSEMBLY
 EMS03(G32)()
 HOUSING

DRAWING No. DAF-21201-G
 Sheet 1 of 1
 ISS. J3
 NAME PLATE & CE MARKING DETAILS ADDED NOTE ADDED DATE 12-02-01 J.A.
 H3 ISSUE RAISED IN LINE WITH SCHEDULE.
 PALL PORTSMOUTH
 PORTSMOUTH, ENGLAND
 SCALE: 1:1
 THIRD ANGLE PROJECTION
 CAE 9 / PPR
 PEF17-D1