



ASSEMBLY PART NUMBER: EMS03(G32)(X)

CODE	CARRIAGE	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

PART SECTION 'X-X'



Po = -1/10 bar 9
-14.5/145 psi
to = -10/80 °C
14/176 °F

NAMEPLATE & CE
MARK ETCHING
DETAILS
SCALE 1:3

SPECIFICATION
DESIGN CODE... PALL INDUSTRIAL STANDARD...
DESIGN TEMPERATURE... 10 bar, 9...
WORKING PRESSURE... 10 bar 9 LIQUID 2.6 bar 9 STEAMING ONLY
WORKING TEMPERATURE... 80°C LIQUID 140°C STEAMING ONLY
HYDROSTATIC TEST PRESSURE(VESSELS) 17 bar 9.
GROSS OPERATING WEIGHT... SEE TABLE.

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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 CARRIAGE 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 CARRIAGES PRIOR TO SHIPMENT IN ACCORDANCE WITH PALL PROCEDURE P0SP2436.

SECONDARY MASTER

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ORIGINAL ISSUE	
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J. ALLEN	05-04-01

TOLERANCES UNLESS STATED	
X	±1.5
.X	±0.5
.XX	±0.15
ANGLES ± 1°	
FINISH 3.2	
DEBUR ALL EDGES	
ORIGINAL ISSUE	
NAME	DATE
R. L. NORSTER	09-06-83
G. MATTINGLY	29-08-86
D. B. WELCH	03-09-86
CURRENT REVISION	
NAME	DATE
R. GALAS	12-02-01
J. ALLEN	05-04-01

TITLE:
GENERAL ASSEMBLY
EMS03(G32)(X)
HOUSING

DRAWING No.	DAF-21201-G	Sheet 1 of 1.	ISS.
RELATIVE DRAWING			
SCALE: 1:1			
THIRD ANGLE PROJECTION			
CAE 9 / PPR			
PEF17-D1			

ISS.	REVISION
J3	NAME PLATE & CE MARKING DETAILS ADDED DATE 12-02-01 J.A.
H3	ISSUE RAISED IN LINE WITH SCHEDULE.