



ASSEMBLY PART NUMBER: EMS0511G48111

CODE	DIM 'A'	DIM 'B'	WT. kg	CAPACITY. (ltr)	CARTRIDGE
1	714	266	20	24.2	1 HIGH
2	968	520	24	35.1	2 HIGH
3	1227	774	28	44.6	3 HIGH
4	1481	1034	32	54.1	4 HIGH

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

SPECIFICATION PALL INDUSTRIAL STANDARD.

DESIGN CODE..... PALL, INDUSTRIAL STANDARD.
 DESIGN PRESSURE..... -1/10 BARS G.
 DESIGN TEMPERATURE..... -10/80°C
 WORKING PRESSURE..... -1/10 BARS G LIQUID & 6 BARS G STEAMING ONLY
 WORKING TEMPERATURE..... -10/80°C LIQUID, 140°C STEAMING ONLY
 HYDROSTATIC TEST PRESSURE (VESSELS) 16 BARS G
 GROSS OPERATING WEIGHT..... SEE TABLE.

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- NOTES:
1. MATERIALS OF CONSTRUCTION: UPPER AND LOWER ASSEMBLIES, 316L STEEL. VEE BAND CLAMP, 304 STEEL. 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. ST1488 (DRAWING No. C642727B00). THE 'CE' MARK USING TOOL No. ST1499 (DRAWING No. C0117758B00) AND THE NOTIFIED 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. T4182 (DRAWING No. AAF-16142) ALL IN ACCORDANCE WITH PALL SPECIFICATION T55.
 6. CARE MUST BE TAKEN TO AVOID DAMAGE TO PARTS DURING MOVEMENT BETWEEN WORK STATIONS AND WHILST IN STORAGE.
 7. FINISHED ASSEMBLIES MUST BE CLEAN AND OIL FREE.
 8. HYDRO-TEST IN ACCORDANCE WITH PALL SPECIFICATION T18.
 9. TRIAL FIT 1000 SERIES CARTRIDGES PRIOR TO SHIPMENT IN ACCORDANCE WITH PALL PROCEDURE P0SP2436.

FINISH		TOLERANCES		NAME		SIGNATURE		DATE		TITLE	
No.	Ra, µm	No.	UNLESS STATED								
N6	0.8	X	±1.5	DESIGNED BY	M. KHAMELLAH	21-11-95				GENERAL ASSEMBLY,	RELATIVE DRAWING
N6	.X	.XX	±0.5	CHECKED BY	G. MATTINGLY	22-4-96				0219 NON-CODED EMS HOUSING,	BAF-S-20968-G
N7	1.6		±0.15	ENGINEERING MANAGER	D. B. WELCH	10-4-96				<1001 STYLE CARTRIDGES>.	DRAWING No.
N8	3.2			MANUFACTURING							DAF-20968-G
FINISH UNLESS STATED				QUALITY						SCALE	1:2 U. D. S.
REBUR ALL EDGES										ISS	G3 H3 J3

ISS.	REVISION
G3	REDRAWN TO SCALE S. P. C. No. SR/92-100 R. G. FELLA 13-4-92 G. M. L. J. N. J. S.
H3	HOUSING OPTION EMS051G48111 ADDED TO DRAWING. S. P. C. SR/94-174, D. MABBS 28. 07. 94, G. M. L. J. N.
J3	NAME PLATE & CE MARKING DETAILS ADDED NOTE ADDED RC 12-02-01 J.A. TL SG