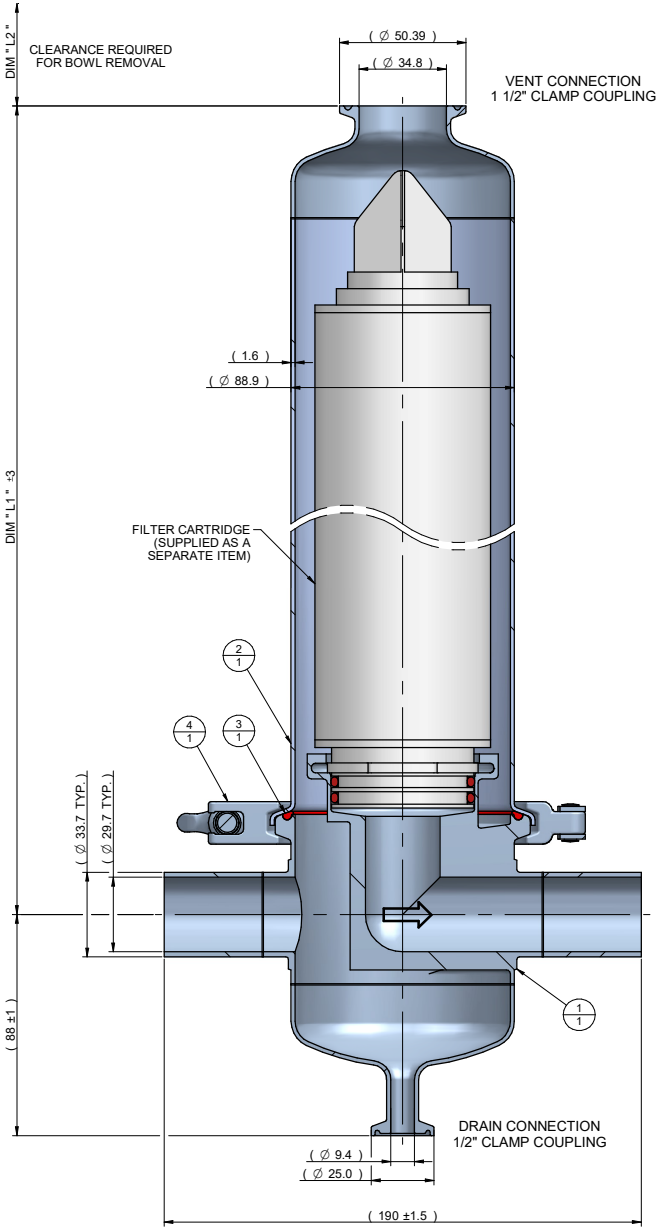
ASSEMBLY PART No. AGT1()()G94BPE



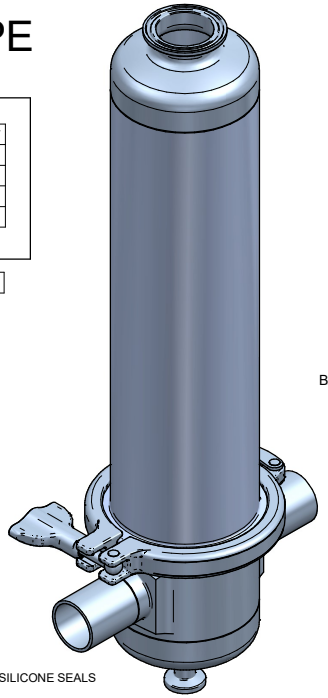
CODE	CARTRIDGE	DIM "L1"	DIM "L2"	VOL L [US Gals]	WEIGHT
05	5" HIGH	254	220	1.7 [0.44]	3.7 kg
1	10" HIGH	390	350	2.4 [0.63]	4.1 kg
2	20" HIGH	641	600	3.9 [1.03]	5.0 kg
3	30" HIGH	916	850	5.5 [1.45]	6.0 kg

INLET & OUTLET CONNECTION	Ø33.7 x 2.0 BUTT WELD

10-04

3A SYMBOL DETAIL

ETCHED ON REVERSE SIDE OF ALL BOWLS SEE NOTE 3



ISOMETRIC VIEW
N.T.S

PALL

Pall Advanta™ II Housing

WALTON ROAD, PORTSMOUTH, PO6 1TD, U.K.

AGT1()()G94BPE

p_o =	-1/10	bar g
	-14.5/150	psi g
t_o =	-10/150	°C
	14/300	°F
V =		L
		US Gal

HOUSING VOLUME (SEE TABLE)

BATCH No

YEAR OF MANUFACTURE

CE UKCA Ex II 2 G Ex h IIC T6...T1 Gb
II 2 D Ex h IIIC T85°C...T450°C Db

PPORHSG-01-X

0H12284.C — CANADIAN REGISTRATION NUMBER

ATEX MARK FOR 05 & 1 HIGH

CE 0343 UKCA 0038 Ex II 2 G Ex h IIC T6...T1 Gb
II 2 D Ex h IIIC T85°C...T450°C Db

PPORHSG-01-X

0H12284.C — CANADIAN REGISTRATION NUMBER

ATEX MARK FOR 2 & 3 HIGH

NAMEPLATE, ATEX MARKING & CRN DETAILS

NOTES.

1.MATERIALS OF CONSTRUCTION: 1.4435/316L ST. STEEL & SILICONE SEALS (WETTED PARTS ONLY).

2. INTERNAL AND EXTERNAL SURFACES OF THE HEAD AND BOWL ASSEMBLIES ARE FINISHED IN ACCORDANCE WITH PALL SPECIFICATION T769.
EXTERNAL SURFACES: TYPICAL Ra 0.8µm (32µin) ELECTROPOLISHED.
INTERNAL SURFACES: TYPICAL Ra 0.375µm (15µin) ELECTROPOLISHED.

THE EXTERNAL SURFACE FINISH VALUE DOES NOT APPLY TO WELDS

3. ETCH THE FOLLOWING INFORMATION ONTO THE BOWL:
THE HOUSING NAMEPLATE USING TOOL No. ST1643 (DRAWING No. CC79478C00) POSITIONED CENTRALLY ON THE STRAIGHT SECTION OF THE BOWL FOR 05-HIGH BOWLS OR ST1644 (DRAWING No. CC79478C00) FOR ALL OTHER BOWLS. THE "ATEX" MARK DIRECTLY BELOW THE NAMEPLATE USING TOOL No. ST1541 FOR 05-HIGH & 1-HIGH BOWLS ONLY, OR THE "ATEX" MARK USING TOOL No. ST1544 (DRAWING No. CC56856B00) FOR 2-HIGH & 3-HIGH BOWLS. THE CANADIAN REGISTRATION NUMBER 0H12284.C BELOW THE 'ATEX' MARK ETCHED IN 4mm HIGH CHARACTERS. THE "3A" SYMBOL USING TOOL No. ST1491 (PODS LABEL) ON THE REVERSE SIDE. ALL ETCHING IS TO BE IN ACCORDANCE WITH PALL PROCEDURE SOP290 OR PALL SPECIFICATION T55.

4. ETCH THE FOLLOWING INFORMATION ONTO THE HEAD:
THE FLOW DIRECTION ARROW USING TOOL No. T2159 (DRAWING No ACF-33566-G) CENTRALLY ON THE FRONT OF THE HEAD, (i.e. INLET ON THE LEFT, OUTLET ON THE RIGHT), AS SHOWN ONTO BOTH SIDES OF THE HEAD ASSEMBLY.
ALL ETCHING IN ACCORDANCE WITH PALL PROCEDURE SOP290 OR PALL SPECIFICATION T55.

5. CARE MUST BE TAKEN TO AVOID DAMAGE TO PARTS DURING MOVEMENT BETWEEN WORK STATIONS AND WHILST IN STORAGE.

6. FINISHED ASSEMBLIES MUST BE CLEAN AND OIL FREE.

7. HYDROTESTING IS TO BE PERFORMED IN ACCORDANCE WITH PALL SPECIFICATION T218.

8. TRIAL FIT APPROPRIATE AB () CODE 7 CARTRIDGE IN ACCORDANCE WITH PALL PROCEDURE PQSP2436.

9. DISMANTLE AND CLEAN ALL COMPONENTS IN ACCORDANCE WITH PALL SPECIFICATION CP29, THEN REASSEMBLE (ONLY IF LINE ITEM A2-BPE-OXCLEAN-FEE IS ORDERED)

10. ALL WELDS ARE TO BE INSPECTED FOR WELD DEFECTS IN ACCORDANCE WITH PALL SPECIFICATION V464. INACCESSIBLE WELDS WHICH CANNOT BE GROUND OR DRESSED (AS PER NOTE 2) ARE TO BE ENDOSCOPICALLY CHECKED.

DESIGN AND OPERATING CONDTIONS	
Design Basis:	PED / PE(S)R ASSESSMENT SEP FOR 1/2 & 1 HIGH HOUSINGS PED / PE(S)R MODULE H CAT I FOR 2 HIGH HOUSINGS PED / PE(S)R MODULE H CAT II FOR 3 HIGH HOUSINGS
Design Pressure/M.A.W.P.:	-1/10 bar g [-14.5/150 psi g] MAX
Design Temperature:	-10/150°C [14/300°F] MAX
Working Pressure:	-1/10 bar g [-14.5/150 psi g] MAX
Working Temperature:	-10/150°C [14/300°F] MAX
Test Pressure:	16.0 bar g [232.0 psi g]

APPROVAL STAMP

ISS.	REVISION
G2	NOTE 9 UPDATED TO INCLUDE '-FEE' SUFFIX FOR OXCLEAN.
F3	CRN 0H12284.C ADDED FOR ALL OPTIONS. NOTE 3 UPDATED
E3	DESIGN CODE "PER" AND UKCA MARK ADDED
D2	CLOSURE CLAMP WAS CA72273
C3	UPISSUED INLINE WITH SHEET 3
B3	GENERAL UPDATE

FINISHED PART No.: SEE TABLE

INSPECT ALL PRODUCT WETTED PARTS TO ENSURE THAT THE FERRITE CONTENT OF THE BASE MATERIAL IS EQUAL TO OR LESS THAN 1%

EN10204 3.1 CERTIFICATION IS REQUIRED FOR ALL PRODUCT WETTED PARTS WHICH MUST BE PIN STAMPED WITH THEIR RAW MATERIAL BATCH NUMBERS.

TOLERANCES UNLESS STATED	ORIGINAL ISSUE	NAME	DATE
X ±1.5 .X ±0.5 .XX ±0.15 ANGLES ± 1°	DRAWN BY:	P.HEYWOOD	17/01/2020
	CHECKED BY:	M.COLLINS	03/02/2020
	MANUF.SUPPORT	N/A	N/A
	APPROVED BY:	N/A	N/A
WHERE NOT STATED TYPICAL FINISH Ra 1.6	CURRENT ISSUE	NAME	DATE
	DRAWN BY:	M.GARDINER	16/11/2023
DEBURR ALL EDGES	CHECKED BY:	J.PECKETT	20/11/2023
DIMENSIONS IN MILLIMETRES	MANUF.SUPPORT	N/A	N/A
	APPROVED BY:	N/A	N/A

TITLE: GENERAL ASSEMBLY AGT1()()G94BPE HOUSING

DRAWING No: CA79383D00 SHEET 1 OF 3 ISS. G2

RELATIVE DRAWING: N/A

SCALE: 1:1 U.O.S

DRAWING STANDARD: BS 8888, BS ISO 128, BS ISO 129, BS EN ISO 14405-2, BS ISO 10209

PALL CORPORATION PORTSMOUTH, ENGLAND

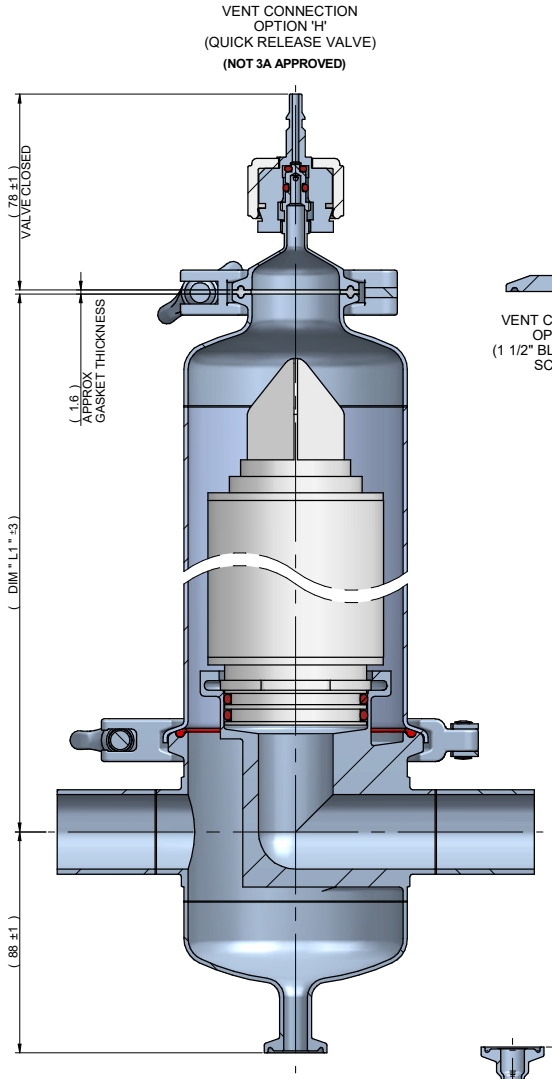
THIRD ANGLE PROJECTION

PEF 17-D1

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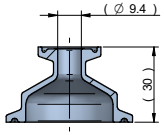
FINISHED PART No.: SEE TABLE

IF IN DOUBT ASK

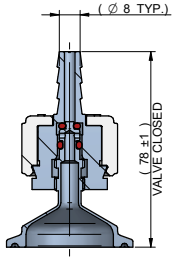


VENT CONNECTION
OPTION 'H'
(QUICK RELEASE VALVE)
(NOT 3A APPROVED)

VENT CONNECTION
OPTION 'N'
(1 1/2" BLANKING CAP)
SCALE 1:1

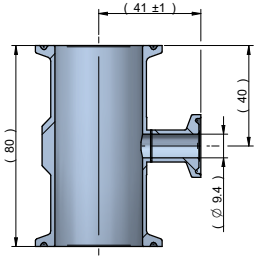


VENT CONNECTION
OPTION 'D'
(1 1/2" TO 1/2")
SCALE 1:1

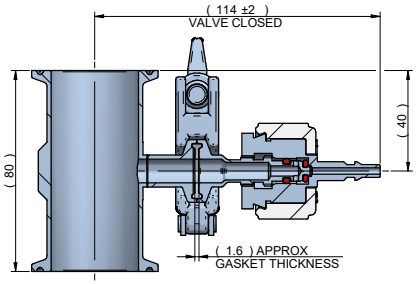


VENT CONNECTION
OPTION 'K'
(HOSETAIL VALVE)
SCALE 1:1

(NOT 3A APPROVED)



VENT CONNECTION
OPTION 'S'
(1 1/2" & 1/2")
SCALE 1:1



VENT CONNECTION
OPTION 'C'
(1 1/2" & QUICK RELEASE)
SCALE 1:1

(NOT 3A APPROVED)

A2V()H4BPE

CODE	VENT CONNECTION	INCLUDED GASKET(S)	INCLUDED VEE BAND CLAMP(S)
H	IN-LINE QUICK RELEASE	SILICONE	1 1/2" VEE BAND CLAMP
K	IN-LINE HOSETAIL RELEASE	SILICONE	1 1/2" VEE BAND CLAMP
C	1 1/2" CLAMP COUPLING & QUICK RELEASE VALVE	SILICONE	1 1/2" & 1/2" VEE BAND CLAMP
S	1 1/2" & 1/2" CLAMP COUPLING	SILICONE	1 1/2" VEE BAND CLAMP
D	1/2" CLAMP COUPLING	SILICONE	1 1/2" VEE BAND CLAMP
N	BLANKING CAP	SILICONE	1 1/2" VEE BAND CLAMP

A2D()H4BPE

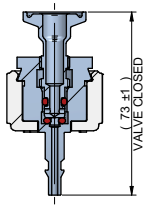
CODE	DRAIN CONNECTION	INCLUDED GASKET(S)	INCLUDED VEE BAND CLAMP(S)
H	IN-LINE QUICK RELEASE	SILICONE	1/2" VEE BAND CLAMP
K	IN-LINE HOSETAIL RELEASE	SILICONE	1/2" VEE BAND CLAMP
N	BLANKING CAP	SILICONE	1/2" VEE BAND CLAMP

A2-BPE-OXCLEAN-FEE

FOR HOUSINGS THAT REQUIRE OXYGEN CLEANING

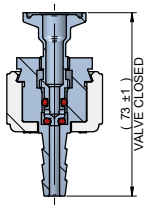
A2-BPE-BORESCOPE-FEE

FOR HOUSINGS THAT REQUIRE BORESCOPE INSPECTION
REFER TO CA80363D00



DRAIN CONNECTION
OPTION 'H'
(QUICK RELEASE)
SCALE 1:1

(NOT 3A APPROVED)



DRAIN CONNECTION
OPTION 'K'
(HOSETAIL)
SCALE 1:1

(NOT 3A APPROVED)



DRAIN CONNECTION
OPTION 'N'
(1/2" BLANKING CAP)
SCALE 1:1

ISS.	REVISION
G2	'-FEE' SUFFIX ADDED TO OXYGEN CLEANING AND BORESCOPE INSPECTION PART NUMBERS
F3	REFERENCE TO BORESCOPE INSPECTION DRAWING ADDED
E3	UPISSUED INLINE WITH SHEET 1
D2	CLOSURE CLAMP WAS CA72273
C3	UPISSUED INLINE WITH SHEET 3
B3	UPISSUED INLINE WITH SHEET 1

TOLERANCES UNLESS STATED	ORIGINAL ISSUE	NAME	DATE
X ±1.5 .X ±0.5 .XX ±0.15 ANGLES ± 1°	DRAWN BY:	P.HEYWOOD	17/01/2020
	CHECKED BY:	M.COLLINS	03/02/2020
	MANUF.SUPPORT	N/A	N/A
	APPROVED BY:	N/A	N/A
WHERE NOT STATED TYPICAL FINISH Ra 1.6	CURRENT ISSUE	NAME	DATE
	DRAWN BY:	M.GARDINER	16/11/2023
DEBURR ALL EDGES	CHECKED BY:	J.PECKETT	20/11/2023
DIMENSIONS IN MILLIMETRES	MANUF.SUPPORT	N/A	N/A
	APPROVED BY:	N/A	N/A

TITLE:

GENERAL ASSEMBLY
AGT1()()G94BPE
HOUSING

PALL CORPORATION
PORTSMOUTH, ENGLAND

DRAWING No: CA79383D00 SHEET 2 OF 3 ISS. G2

RELATIVE DRAWING: N/A

SCALE: 1:1 U.O.S

THIRD ANGLE PROJECTION

DRAWING STANDARD: BS 8888, BS ISO 128, BS ISO 129, BS EN ISO 14405-2, BS ISO 10209

PEF 17-D1

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FINISHED PART No.: SEE TABLE

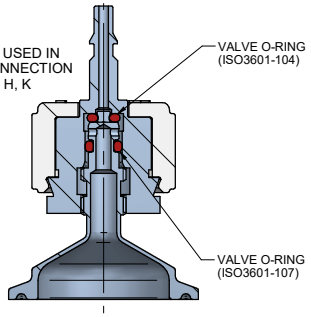
IF IN DOUBT ASK



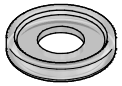
VALVE O-RING
(ISO3601 - 104)



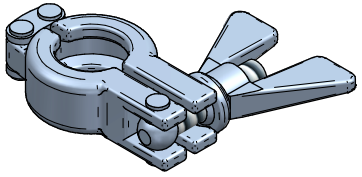
VALVE O-RING
(ISO3601 - 107)



VENT OPTION
H SHOWN



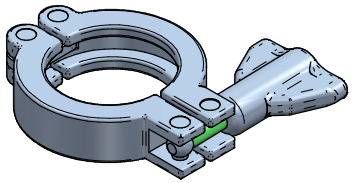
1/2" GASKET



1/2" CLAMP COUPLING



1 1/2" GASKET



1 1/2" CLAMP COUPLING

VALVE SEAL KIT

SEAL CODE	SALES PART No.	MATERIAL	QTY.
H4	ACS0718EU	SILICONE	10
H	ACS1139EH	FLUOROCARBON	10
H11	ACS1098EM	KALREZ (NOT 3A APPROVED)	1
H31	ACS1198EU	PLATINUM CURED SILICONE (NOT 3A APPROVED)	10
J	ACS0719EX	EPDM	10

1/2" CLAMP COUPLING GASKET

SEAL CODE	SALES PART No.	MATERIAL	QTY.
H4	KCC72206/10	SILICONE	10
H	KCC57499/10	FLUOROCARBON	10
H2	KCA59303/10	PTFE	10
H31	KCA65699/10	PLATINUM CURED SILICONE (NOT 3A APPROVED)	10
J	KCA68494/10	EPDM	10

1 1/2" CLAMP COUPLING GASKET

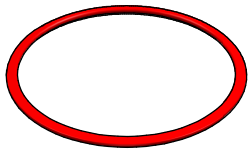
SEAL CODE	SALES PART No.	MATERIAL	QTY.
H4	KCA67423/10	SILICONE	10
H	KLS00105/10	FLUOROCARBON	10
H2	KLS00536/10	PTFE	10
H31	KCA66070/10	PLATINUM CURED SILICONE (NOT 3A APPROVED)	10
J	KCA67421/10	EPDM	10

CLOSURE O-RING

SEAL CODE	SALES PART No.	MATERIAL	QTY.
H4	KORH4PW-238	SILICONE	1
H	KORHPW-238	FLUOROCARBON	1
H11	KORH11DP-238	KALREZ (NOT 3A APPROVED)	1
H31	KORH31P-238	PLATINUM CURED SILICONE (NOT 3A APPROVED)	1
J	KORJPW-238	EPDM	1
H1	KORH1PW-238	FEP ENCAPSULATED FLUOROCARBON	1

CLAMP KITS

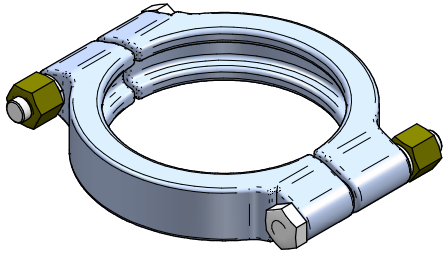
VEE BAND CLAMP	SALES PART No.	MATERIAL	QTY.
1/2" TRICLOVER CLAMP	ACS0383DA	304 ST.STEEL	1
1 1/2" TRICLOVER CLAMP	ACS1194DA	304 ST.STEEL	1
SINGLE BOLTED CLOSURE CLAMP	ACS1195DA	1.4401 ST.STEEL	1
DOUBLE BOLTED CLOSURE CLAMP	ACS1196DA	304 ST.STEEL / BRASS	1



CLOSURE O-RING
(ISO3601 - 238)



SINGLE BOLTED



DOUBLE BOLTED

ISS.	REVISION
G2	UPISSUED INLINE WITH SHEET 1 & 2
F3	UPISSUED INLINE WITH SHEET 1 & 2
E3	UPISSUED INLINE WITH SHEET 1
D2	CLOSURE CLAMP WAS CA72273
C3	GASKET MATERIAL COLOUR CHANGED O-RING TABLE UPDATED.
B3	UPISSUED INLINE WITH SHEET 1

TOLERANCES UNLESS STATED	ORIGINAL ISSUE	NAME	DATE
X ±1.5 .X ±0.5 .XX ±0.15 ANGLES ± 1°	DRAWN BY:	P.HEYWOOD	17/01/2020
	CHECKED BY:	M.COLLINS	03/02/2020
	MANUF.SUPPORT	N/A	N/A
	APPROVED BY:	N/A	N/A
WHERE NOT STATED TYPICAL FINISH Ra 1.6	CURRENT ISSUE	NAME	DATE
	DRAWN BY:	M.GARDINER	16/11/2023
DEBURR ALL EDGES	CHECKED BY:	J.PECKETT	20/11/2023
	MANUF.SUPPORT	N/A	N/A
DIMENSIONS IN MILLIMETRES	APPROVED BY:	N/A	N/A

TITLE:

GENERAL ASSEMBLY
AGT1()()G94BPE
HOUSING

PALL CORPORATION
PORTSMOUTH, ENGLAND

DRAWING No: CA79383D00 SHEET 3 OF 3 ISS. G2

RELATIVE DRAWING: N/A

SCALE: 1:1 U.O.S

THIRD ANGLE PROJECTION

DRAWING STANDARD: BS 8888, BS ISO 128, BS ISO 129, BS EN ISO 14405-2, BS ISO 10209

PEF 17-D1

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