



ITEM NO.	DESCRIPTION	MATERIAL	QTY.
1	BODY	C37700	1
2	BONNET EXTENSION	CW614N -R360	1
3	SPINDLE	304 S.S.	1
4	HANDWHEEL	C.Alum.	1
5	FLANGE NUT	M.S.Z.	1
6	Hub Cap	M.S.Z. + P.C.	1
7	DISC	P.C.T.F.E	1
8	Gland Washer	BRASS	2
9	"V" Packing	P.T.F.E.	1
10	Ribbed Lock Washer	304 S.S.	2
11	Packing Gland	BRASS	1
12	Gland Environmental Seal	P.T.F.E.	1
13	Gland Nut	BRASS	1
14	Gasket	Copper	1
15	Stub End	304 S.S.-1	1

VALVE SIZE	INLET	OUTLET NPT/BSPT/BSPP	"X"	"A"	"B" HEIGHT	Cv - US gal/min
DN 06	1/8" Seamless Pipe	1/8"	76mm	Ø 6.25mm	107 mm & 165 mm	1.09
DN 08	1/4" Seamless Pipe	1/4"	76mm	Ø 6.25mm		1.09
DN 10	3/8" Seamless Pipe	3/8"	76mm	Ø 10.25mm		2.086
DN 15	1/2" Seamless Pipe	1/2"	76mm	Ø 10.25mm		2.018

ABBREVIATION	SPECIFICATION
C37700	FORGED BRASS TO ASTM B283 C37700
BRASS	BRASS TO DIN EN 12164 CW614N-R360
CW614N-R360	DIN EN 12614 CW614N-R360
P.T.F.E	VIRGIN TEFLON
P.C.T.F.E.	POLYCHLOROTRI-FLUOROETHYLENE TO ASTM D1430-95
COPPER	COPPER
304 S.S.	STAINLESS STEEL TO ASTM A276 Gr 304
M.S.Z. + P.C.	MILD STEEL ZINC PLATED + POWDER COATING
C.Alum. + P.C.	CAST ALUMINIUM + POWDER COATING
C.ALUM.	CAST ALUMINIUM

MAX WORKING PRESSURE	42 BAR
WORKING TEMPERATURE	-196 °C TO +75 °C
END CONNECTION	Inlet Stub End & Outlet Threaded
WEIGHT	1081.56g
DIMENSIONS ARE IN mm	UNSPECIFIED LIMITS: DIM TOL ± 2.0mm

NOTES:-

1. DEGREASED, PACKED & LABELLED TO CGA G-4.1.
2. TESTED IN ACCORDANCE WITH EN12266-1
3. SUITABLE FOR CRYOGENIC, GASEOUS AND LIQUID SERVICES
4. DESIGN AND TYPE TEST AS PER DIN EN 1626-2009 AND ADR/RID 2021
5. CUSTOMISED STUB LENGTH "X" AVAILABLE ON REQUEST

1	DRAWING RELEASED	SP	KP	07.04.2023
ISSUE	CHANGE	BY	CKD	DATE

DRN: SP
CKD: KP
SCALE 1:2:1

SHEET SIZE
A3



TITLE LIQUID CYLINDER EXTENDED BONNET VALVE
TYPE NO: 15800000000

SHEET NO. 1 OF 1

DRAWING NUMBER: 25403as3

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