

TABULATION		
PART NO.	DESCRIPTION	GLOBAL FILTER MODEL NO.
21306-01	FLTR HSG ASSY, GTCH7 SER, 20", 50D, 304 SS, GB, CODE	GTCH722D2415GBCE
21306-02	FLTR HSG ASSY, GTCH7 SER, 20", 50D, 304 SS, GB	GTCH722D2415GB
21306-03	FLTR HSG ASSY, GTCH7 SER, 30", 50D, 304 SS, GB, CODE	GTCH732D2415GBCE
21306-04	FLTR HSG ASSY, GTCH7 SER, 30", 50D, 304 SS, GB	GTCH732D2415GB
21306-05	FLTR HSG ASSY, GTCH7 SER, 40", 50D, 304 SS, GB, CODE	GTCH742D2415GBCE
21306-06	FLTR HSG ASSY, GTCH7 SER, 40", 50D, 304 SS, GB	GTCH742D2415GB
21306-07	FLTR HSG ASSY, GTCH7 SER, 20", 50D, 316L SS, GB, CODE	GTCH722D2615GBCE
21306-08	FLTR HSG ASSY, GTCH7 SER, 20", 50D, 316L SS, GB	GTCH722D2615GB
21306-09	FLTR HSG ASSY, GTCH7 SER, 30", 50D, 316L SS, GB, CODE	GTCH732D2615GBCE
21306-10	FLTR HSG ASSY, GTCH7 SER, 30", 50D, 316L SS, GB	GTCH732D2615GB
21306-11	FLTR HSG ASSY, GTCH7 SER, 40", 50D, 316L SS, GB, CODE	GTCH742D2615GBCE
21306-12	FLTR HSG ASSY, GTCH7 SER, 40", 50D, 316L SS, GB	GTCH742D2615GB
21306-13	FLTR HSG ASSY, GTCH7 SER, 20", 50D, 304 SS, EP, CODE	GTCH722D2415EPCE
21306-14	FLTR HSG ASSY, GTCH7 SER, 20", 50D, 304 SS, EP	GTCH722D2415EP
21306-15	FLTR HSG ASSY, GTCH7 SER, 30", 50D, 304 SS, EP, CODE	GTCH732D2415EPCE
21306-16	FLTR HSG ASSY, GTCH7 SER, 30", 50D, 304 SS, EP	GTCH732D2415EP
21306-17	FLTR HSG ASSY, GTCH7 SER, 40", 50D, 304 SS, EP, CODE	GTCH742D2415EPCE
21306-18	FLTR HSG ASSY, GTCH7 SER, 40", 50D, 304 SS, EP	GTCH742D2415EP
21306-19	FLTR HSG ASSY, GTCH7 SER, 20", 50D, 316L SS, EP, CODE	GTCH722D2615EPCE
21306-20	FLTR HSG ASSY, GTCH7 SER, 20", 50D, 316L SS, EP	GTCH722D2615EP
21306-21	FLTR HSG ASSY, GTCH7 SER, 30", 50D, 316L SS, EP, CODE	GTCH732D2615EPCE
21306-22	FLTR HSG ASSY, GTCH7 SER, 30", 50D, 316L SS, EP	GTCH732D2615EP
21306-23	FLTR HSG ASSY, GTCH7 SER, 40", 50D, 316L SS, EP, CODE	GTCH742D2615EPCE
21306-24	FLTR HSG ASSY, GTCH7 SER, 40", 50D, 316L SS, EP	GTCH742D2615EP
21306-25	FLTR HSG ASSY, GTCH7 SER, 10", 50D, 304 SS, GB, CODE	GTCH712D2415GBCE
21306-26	FLTR HSG ASSY, GTCH7 SER, 10", 50D, 304 SS, GB	GTCH712D2415GB
21306-27	FLTR HSG ASSY, GTCH7 SER, 10", 50D, 316L SS, GB, CODE	GTCH712D2615GBCE
21306-28	FLTR HSG ASSY, GTCH7 SER, 10", 50D, 316L SS, GB	GTCH712D2615GB
21306-29	FLTR HSG ASSY, GTCH7 SER, 10", 50D, 304 SS, EP, CODE	GTCH712D2415EPCE
21306-30	FLTR HSG ASSY, GTCH7 SER, 10", 50D, 304 SS, EP	GTCH712D2415EP
21306-31	FLTR HSG ASSY, GTCH7 SER, 10", 50D, 316L SS, EP, CODE	GTCH712D2615EPCE
21306-32	FLTR HSG ASSY, GTCH7 SER, 10", 50D, 316L SS, EP	GTCH712D2615EP

DESIGN CONDITIONS	
CERTIFICATION MARK	OPTIONAL
DESIGN PRESSURE	1.0 MPa @ 120° C (145 psi @ 250° F)
MAWP	1 MPa (145 psi)
WORKING PRESSURE	1 MPa (145 psi)
WORKING TEMP. AQUEOUS	0~100° C (32~212° F)
CORROSION ALLOWANCE	0
NONDESTRUCTIVE EXAMINATION	NA
JOINT EFFICIENCIES	0.7 (HEAD 0.85)
MEDIUM	WATER (NON-LETHAL)
DESIGN TEMPERATURE	120° C (250° F)
MDMT	-28° C @ 1.0 MPa (-18° F @ 145 psi)
HYDROSTATIC TEST PRESSURE	1.43 MPa (VERTICAL) (208 psi)
PWHT	NOT REQUIRED
VESSEL WEIGHT	10" - 73 lbs. (33 kg)
	20" - 82 lbs. (37 kg)
	30" - 91 lbs. (41 kg)
	40" - 100 lbs. (45 kg)
WEIGHT FULL WITH WATER	10" - 135 lbs. (61 kg)
	20" - 171 lbs. (78 kg)
	30" - 207 lbs. (94 kg)
	40" - 244 lbs. (110 kg)
VOLUME	10" - .99 ft³ (.0278 m³)
	20" - 1.43 ft³ (.0403 m³)
	30" - 1.87 ft³ (.0527 m³)
	40" - 2.31 ft³ (.0652 m³)

NOTES:
1. UNLESS TOLERANCES ARE INDICATED, ALL DIMENSIONS ARE REFERENCE.
2. SEE SHEET 2 & 3 FOR BILL OF MATERIALS.
3. ALL MODELS COMPLY WITH REQUIREMENTS FOR DESIGN AND CONSTRUCTION IN ACCORDANCE WITH THE EU PED. MODELS BEARING THE "CE" MARK ARE INDEPENDENTLY EVALUATED AND CERTIFIED FOR COMPLIANCE.

PROPRIETARY AND CONFIDENTIAL
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REFERENCE ENGINEERING DRAWING 21306

			GLOBAL FILTER LLC				
			TITLE: EU FLTR HSG ASSY, 50 DIN SISO GTCH7 SER, TAB				
		MATERIAL					
		SEE TABCELATION TABLE					
		FINISH					
		SEE TABCELATION TABLE					
A	EC210507-01		NAME	DATE	SIZE	DWG. NO.	REV
REV	EC NUMBER	DRAWN BY	ME	5-27-21	B	CS289	A
EC HISTORY		ENG APPR.	EG	6-1-21	SCALE: 1:6	WEIGHT:	SHEET 1 OF 4

BILL OF MATERIALS																									
ITEM	DESCRIPTION	21306-xx																							
		-01 QTY	-02 QTY	-03 QTY	-04 QTY	-05 QTY	-06 QTY	-07 QTY	-08 QTY	-09 QTY	-10 QTY	-11 QTY	-12 QTY	-13 QTY	-14 QTY	-15 QTY	-16 QTY	-17 QTY	-18 QTY	-19 QTY	-20 QTY	-21 QTY	-22 QTY	-23 QTY	-24 QTY
1	FLTR HSG WLDMNT, 50 DIN SISO GTCH7 SER, 20" 304 SS	1	1											1	1										
	FLTR HSG WLDMNT, 50 DIN SISO GTCH7 SER, 30" 304 SS			1	1											1	1								
	FLTR HSG WLDMNT, 50 DIN SISO GTCH7 SER, 40" 304 SS					1	1											1	1						
	FLTR HSG WLDMNT, 50 DIN SISO GTCH7 SER, 20" 316 SS							1	1											1	1				
	FLTR HSG WLDMNT, 50 DIN SISO GTCH7 SER, 30" 316 SS									1	1											1	1		
	FLTR HSG WLDMNT, 50 DIN SISO GTCH7 SER, 40" 316 SS											1	1											1	1
	FLTR HSG WLDMNT, 50 DIN SISO GTCH7 SER, 10" 304 SS																								
	FLTR HSG WLDMNT, 50 DIN SISO GTCH7 SER, 10" 316 SS																								
2	O-RING, METRIC 258 ID X 7 CS, NITRILE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	LID WELDMENT, GTCH7 SERIES, 304 SS	1	1	1	1	1	1							1	1	1	1	1	1						
	LID WELDMENT, GTCH7 SERIES, 316 SS							1	1	1	1	1	1							1	1	1	1	1	1
4	KIT, CLEVIS PEN w/ RETAINING RINGS, .75 x 2.0"	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5	EYE BOLT, 3/4"-10	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
6	WASHER, 3/4" FLAT, SS	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
7	EYE NUT, 3/4"-10	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
8	V-POST, GTCHB SERIES, 20", 304 SS	7	7											7	7										
	V-POST, GTCHB SERIES, 30", 304 SS			7	7											7	7								
	V-POST, GTCHB SERIES, 40", 304 SS					7	7											7	7						
	V-POST, GTCHB SERIES, 20", 316 SS							7	7											7	7				
	V-POST, GTCHB SERIES, 30", 316 SS									7	7											7	7		
	V-POST, GTCHB SERIES, 40", 316 SS											7	7											7	7
9	TIE ROD, GTCH SERIES, 20", 304 SS	2	2											2	2										
	TIE ROD, GTCH SERIES, 30", 304 SS			2	2											2	2								
	TIE ROD, GTCH SERIES, 40", 304 SS					2	2											2	2						
	TIE ROD, GTCH SERIES, 20", 316 SS							2	2											2	2				
	TIE ROD, GTCH SERIES, 30", 316 SS									2	2											2	2		
	TIE ROD, GTCH SERIES, 40", 316 SS											2	2											2	2
10	SPRING ASSEMBLY, CARTRIDGE VESSELS, 304 SS	7	7	7	7	7	7							7	7	7	7	7	7						
	SPRING ASSEMBLY, CARTRIDGE VESSELS, 316 SS							7	7	7	7	7	7							7	7	7	7	7	7
11	HOLD DOWN PLT POST w/ EXT RET RINGS KIT, 304 SS	2	2	2	2	2	2							2	2	2	2	2	2						
	HOLD DOWN PLT POST w/ EXT RET RINGS KIT, 316 SS							2	2	2	2	2	2							2	2	2	2	2	2
12	HOLD DOWN PLT, CLOSED & DOE, GTCH7 SER, 304 SS	1	1	1	1	1	1							1	1	1	1	1	1						
	HOLD DOWN PLT, CLOSED & DOE, GTCH7 SER, 316 SS							1	1	1	1	1	1							1	1	1	1	1	1
13	HOLD DOWN FIN CTG, GTCH7 SER, 304 SS	1	1	1	1	1	1							1	1	1	1	1	1						
	HOLD DOWN FIN CTG, GTCH7 SER, 316 SS							1	1	1	1	1	1							1	1	1	1	1	1
14	TIE ROD NUT, GTCHB SERIES, 304 SS	2	2	2	2	2	2							2	2	2	2	2	2						
	TIE ROD NUT, GTCHB SERIES, 316 SS							2	2	2	2	2	2							2	2	2	2	2	2
15	PIPE PLUG, 1" HEX HEAD, 304 SS	2	2	2	2	2	2							2	2	2	2	2	2						
	PIPE PLUG, 1" HEX HEAD, 316 SS							2	2	2	2	2	2							2	2	2	2	2	2
16	PIPE PLUG, 1/4" HEX HEAD, 304 SS	3	3	3	3	3	3							3	3	3	3	3	3						
	PIPE PLUG, 1/4" HEX HEAD, 316 SS							3	3	3	3	3	3							3	3	3	3	3	3
17	KIT, CLEVIS PEN w/ RETAINING RINGS, .75 x 2.75"	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

SIZE
B

DWG. NO.
CS289

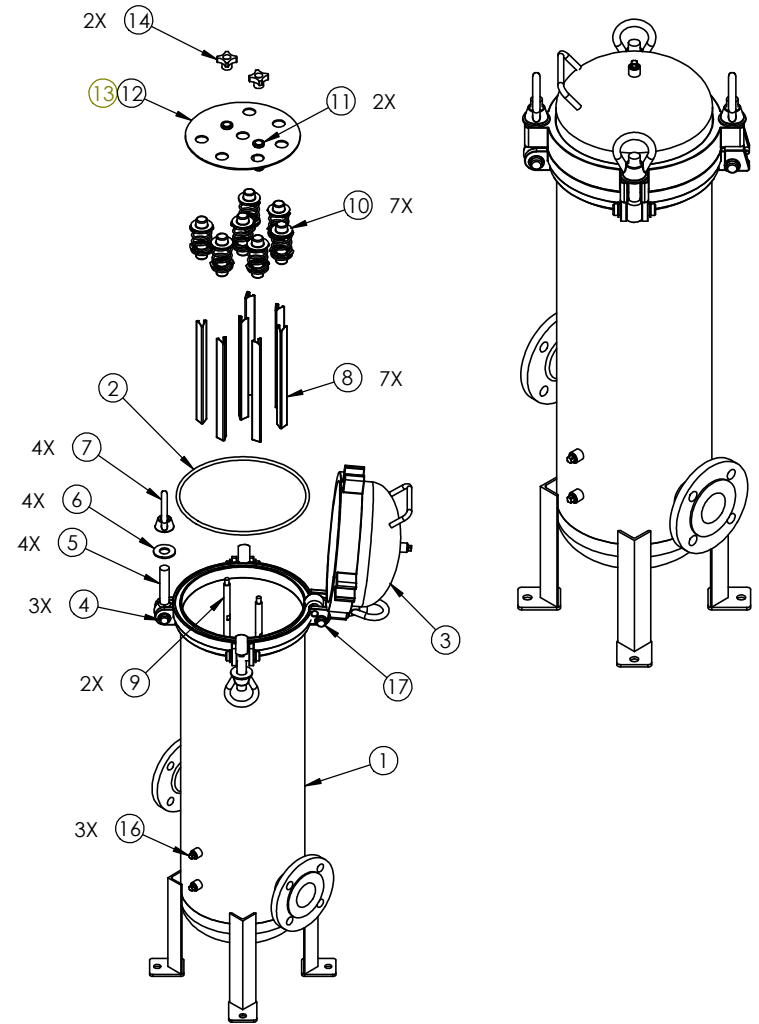
SCALE: 1:1

WEIGHT:

REV
A

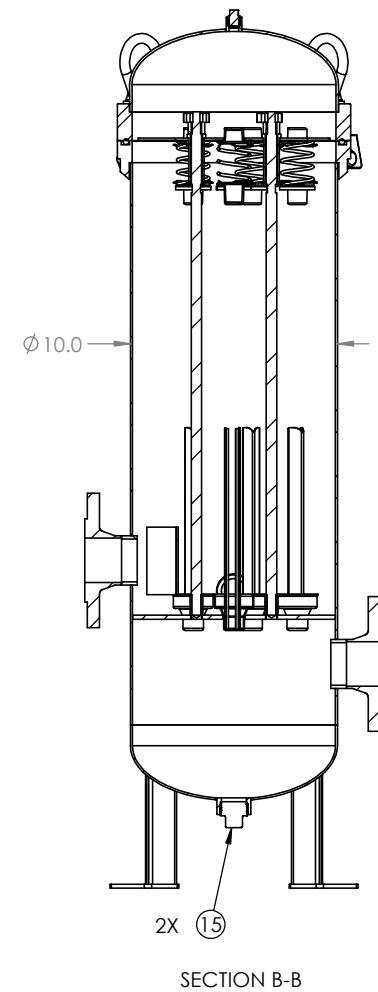
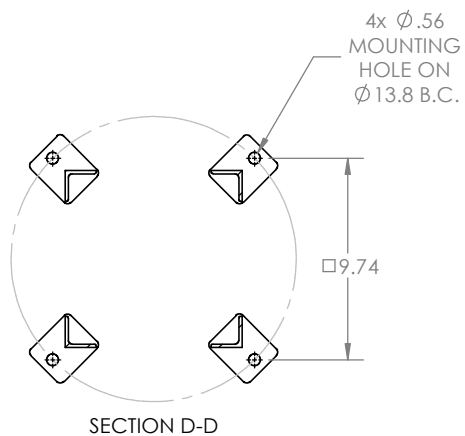
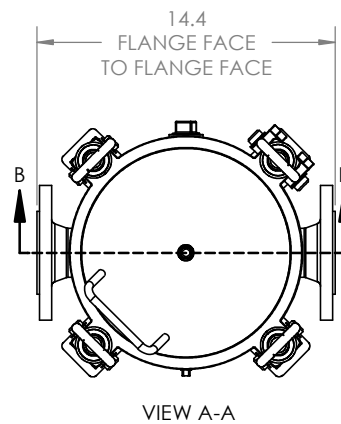
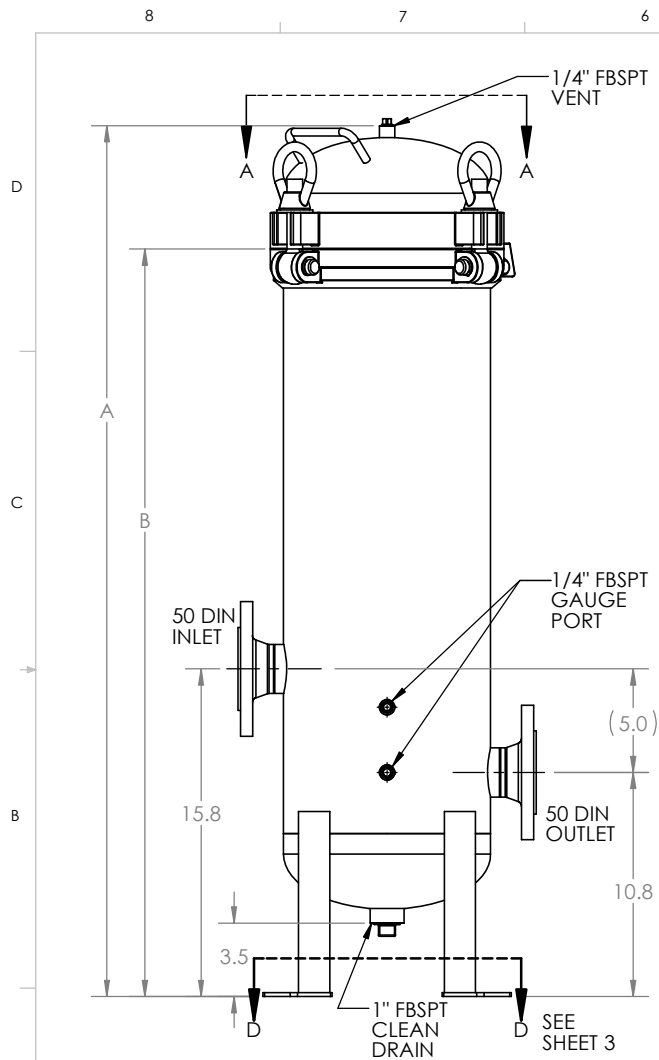
SHEET 2 OF 4

BILL OF MATERIALS										
ITEM	DESCRIPTION	21306-xx								
		-25 QTY	-26 QTY	-27 QTY	-28 QTY	-29 QTY	-30 QTY	-31 QTY	-32 QTY	
D 1	FLTR HSG WLDMNT, 50 DIN SISO GTCH7 SER, 20" 304 SS									
	FLTR HSG WLDMNT, 50 DIN SISO GTCH7 SER, 30" 304 SS									
	FLTR HSG WLDMNT, 50 DIN SISO GTCH7 SER, 40" 304 SS									
	FLTR HSG WLDMNT, 50 DIN SISO GTCH7 SER, 20" 316 SS									
	FLTR HSG WLDMNT, 50 DIN SISO GTCH7 SER, 30" 316 SS									
	FLTR HSG WLDMNT, 50 DIN SISO GTCH7 SER, 40" 316 SS									
	FLTR HSG WLDMNT, 50 DIN SISO GTCH7 SER, 10" 304 SS	1	1			1	1			
2	O-RING, METRIC 258 ID X 7 CS, NITRILE	1	1	1	1	1	1	1	1	
3	LID WELDMENT, GTCH7 SERIES, 304 SS	1	1			1	1			
	LID WELDMENT, GTCH7 SERIES, 316 SS			1	1			1	1	
4	KIT, CLEVIS PEN w/ RETAINING RINGS, .75 x 2.0"	3	3	3	3	3	3	3	3	
5	EYE BOLT, 3/4"-10	4	4	4	4	4	4	4	4	
6	WASHER, 3/4" FLAT, SS	4	4	4	4	4	4	4	4	
7	EYE NUT, 3/4"-10	4	4	4	4	4	4	4	4	
8	V-POST, GTCHB SERIES, 20", 304 SS									
	V-POST, GTCHB SERIES, 30", 304 SS									
	V-POST, GTCHB SERIES, 40", 304 SS									
	V-POST, GTCHB SERIES, 20", 316 SS									
	V-POST, GTCHB SERIES, 30", 316 SS									
	V-POST, GTCHB SERIES, 40", 316 SS									
	V-POST, GTCHB SERIES, 10", 304 SS	7	7			7	7			
9	V-POST, GTCHB SERIES, 10", 316 SS			7	7			7	7	
	TIE ROD, GTCH SERIES, 20", 304 SS									
	TIE ROD, GTCH SERIES, 30", 304 SS									
	TIE ROD, GTCH SERIES, 40", 304 SS									
	TIE ROD, GTCH SERIES, 20", 316 SS									
	TIE ROD, GTCH SERIES, 30", 316 SS									
	TIE ROD, GTCH SERIES, 40", 316 SS									
10	TIE ROD, GTCH SERIES, 10", 304 SS	2	2			2	2			
	TIE ROD, GTCH SERIES, 10", 316 SS			2	2			2	2	
	SPRING ASSEMBLY, CARTRIDGE VESSELS, 304 SS	7	7			7	7			
	SPRING ASSEMBLY, CARTRIDGE VESSELS, 316 SS			7	7			7	7	
	HOLD DOWN PLT POST w/ EXT RET RINGS KIT, 304 SS	2	2			2	2			
	HOLD DOWN PLT POST w/ EXT RET RINGS KIT, 316 SS			2	2			2	2	
	HOLD DOWN PLT, CLOSED & DOE, GTCH7 SER, 304 SS	1	1			1	1			
11	HOLD DOWN PLT, CLOSED & DOE, GTCH7 SER, 316 SS			1	1			1	1	
	HOLD DOWN FIN CTG, GTCH7 SER, 304 SS	1	1			1	1			
	HOLD DOWN FIN CTG, GTCH7 SER, 316 SS			1	1			1	1	
	TIE ROD NUT, GTCHB SERIES, 304 SS	2	2			2	2			
	TIE ROD NUT, GTCHB SERIES, 316 SS			2	2			2	2	
	PIPE PLUG, 1" HEX HEAD, 304 SS	2	2			2	2			
	PIPE PLUG, 1" HEX HEAD, 316 SS			2	2			2	2	
12	PIPE PLUG, 1/4" HEX HEAD, 304 SS	3	3			3	3			
	PIPE PLUG, 1/4" HEX HEAD, 316 SS			3	3			3	3	
	PIPE PLUG, 1/4" HEX HEAD, 304 SS			3	3			3	3	
	PIPE PLUG, 1/4" HEX HEAD, 316 SS			3	3			3	3	
	PIPE PLUG, 1/4" HEX HEAD, 304 SS			3	3			3	3	
	PIPE PLUG, 1/4" HEX HEAD, 316 SS			3	3			3	3	
	PIPE PLUG, 1/4" HEX HEAD, 304 SS			3	3			3	3	
17	KIT, CLEVIS PEN w/ RETAINING RINGS, .75 x 2.75"	1	1	1	1	1	1	1	1	



SCALE 1:10

SIZE	DWG. NO.	REV
B	CS289	A
SCALE: 1:1	WEIGHT:	SHEET 3 OF 4



DIMENSIONS		
MODEL NO.	A in(mm)	B in(mm)
GTCH71-	31.7 (804)	26.2 (666)
GTCH72-	41.7 (1058)	36.2 (920)
GTCH73-	51.7 (1312)	46.2 (1174)
GTCH74-	61.7 (1566)	56.2 (1428)

SIZE B	DWG. NO. CS289	REV A
SCALE: 1:6	WEIGHT:	SHEET 4 OF 4