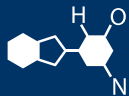


# IF YOU...



MIX IT. FILL IT. PACK IT. SHIP IT.

# WE HAVE A **PRODUCT** FOR YOU

Part #68BBC3

Plastic Caps

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**33mm 33-400 Black Child Resistant Cap  
(Pictorial) w/Foam Liner (3-ply)**

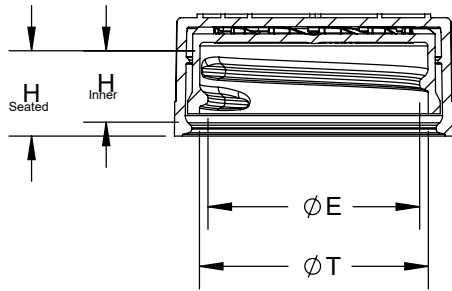
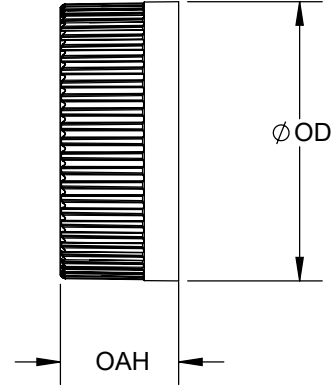
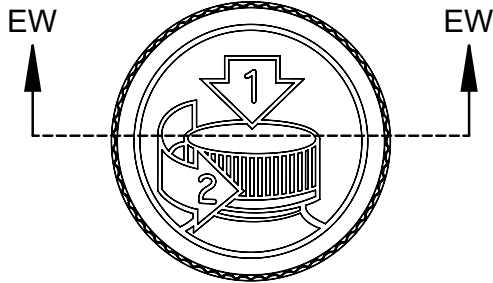
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SECTION EW-EW

(6) THREAD PER INCH, (.167) PITCH, 380° FULL DEPTH THREAD

REFERENCE	TOLERANCE	UNITS	DIMENSION
E	± 0.015 [0.38]	in [mm]	1.182 [30.02]
T	± 0.015 [0.38]	in [mm]	1.276 [32.41]
H (Seated)	Reference	in [mm]	0.519 [13.18]
H (Inner)	± 0.010 [0.25]	in [mm]	0.390 [9.91]
OD	± 0.020 [0.51]	in [mm]	1.545 [39.24]
OAH	± 0.016 [0.41]	in [mm]	0.667 [16.94]
PART WEIGHT	± 1.4	g	5.9

STATIC TORQUE RECOMMENDATION  
15-25 in-lbs  
THIS REQUIREMENT MAY VARY DEPENDING  
UPON BOTTLE MATERIAL, NECK FINISH, AND  
CAPPING EQUIPMENT

DRAWING TYPE : CUSTOMER

REPLACES DRAWINGS:  
C-8018

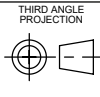
DIMENSIONS ENCLOSED IN ( )  
INDICATE REFERENCE  
DIMENSIONS AND NO TOLERANCE  
LIMITS ARE ESTABLISHED

TOLERANCES UNLESS OTHERWISE SPECIFIED

DIMENSION (inches)	TOLERANCE	DIMENSION (mm)	TOLERANCE
0-0.787	±0.006	0-20	±0.152
0.788-1.181	±0.008	21-30	±0.203
1.182-2.756	±0.012	31-70	±0.305
2.757-3.937	±0.016	71-100	±0.406
3.938-5.096	±0.020	101-150	±0.508
5.097-7.874	±0.024	151-200	±0.610
7.875-9.843	±0.032	201-250	±0.813

ANGULAR TOLERANCE ± 2°

PROPRIETARY AND CONFIDENTIAL



SOLIDWORKS

DISTRIBUTION  
CODE

D

DRAWING NAME

33-400 CRC Assm  
PICTO

DRAWING NUMBER

CQA - 10257

MATERIAL

POLYPROPYLENE

MODEL NUMBER:

PM 10139 33-400 CRC PDT Assembly

SCALE

1:1

SHEET SIZE

8.5" X 11"

SHEET

1 of 3

REV.NP

00.AB

DRAWN BY. BDG

5/13/2016

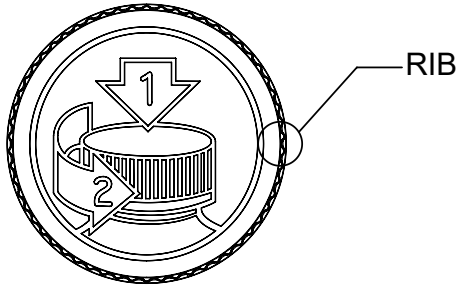
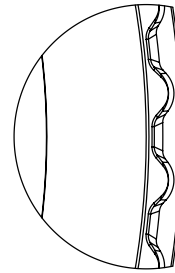
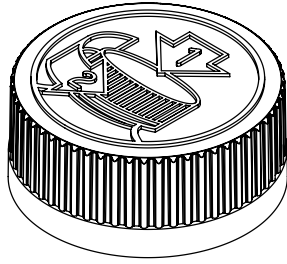
ENG APPR. BDG

7/6/2017

QA APPR. REL

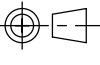
9/20/2017

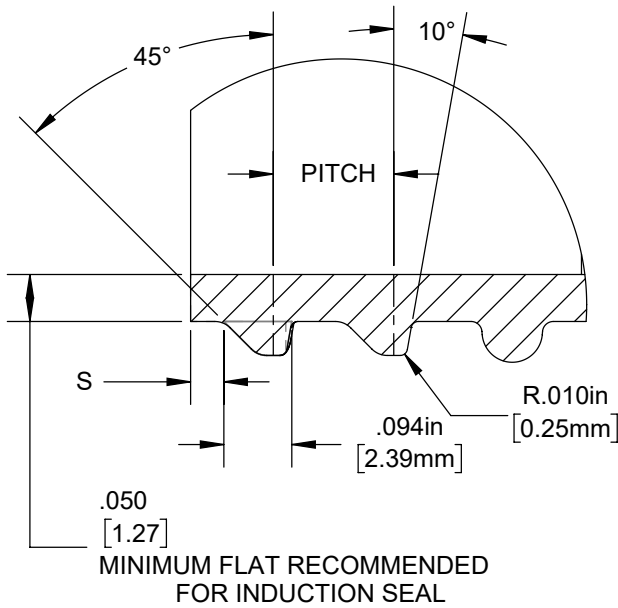
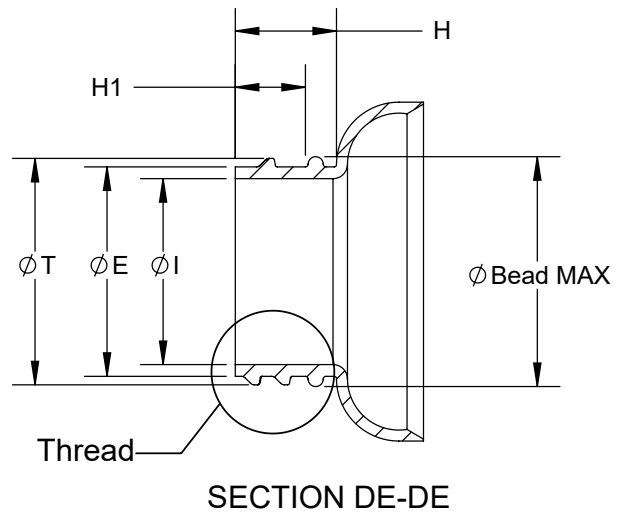
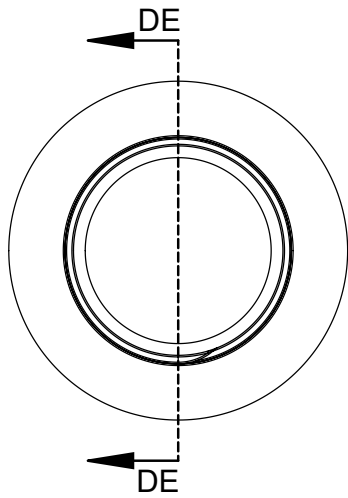
DATE	REV	N/P	PRODUCT DRAWING REQUEST	DESCRIPTION	ENG	DRWN
05/13/16	00	AA		DRAWING RELEASED	BDG	BDG
07/06/17	00	AB		UPDATED DRAWING FORMAT. H (SEATED) REFERENCE UPDATED TO 0.519	BDG	BDG



DETAIL RIB  
SCALE 6 : 1  
(58) EQUISPACED RIBS

DRAWING TYPE : CUSTOMER			
REFERENCES:		DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED	
TOLERANCES UNLESS OTHERWISE SPECIFIED			
DIMENSION (inches)	TOLERANCE	DIMENSION (mm)	TOLERANCE
0-0.787	±0.006	0-20	±0.152
0.788-1.181	±0.008	21-30	±0.203
1.182-2.756	±0.012	31-70	±0.305
2.757-3.937	±0.016	71-100	±0.406
3.938-5.096	±0.020	101-150	±0.508
5.097-7.874	±0.024	151-200	±0.610
7.875-9.843	±0.032	201-250	±0.813
ANGULAR TOLERANCE ± 2°			
PROPRIETARY AND CONFIDENTIAL			

 THIRD ANGLE PROJECTION SOLIDWORKS	DISTRIBUTION CODE <b>D</b>	DRAWING NAME <b>33-400 CRC Assm PICTO</b>			
		DRAWING NUMBER <b>CQA - 10257</b>			
DRAWN BY. BDG	5/13/2016	MATERIAL POLYPROPYLENE			
ENG APPR. BDG	7/6/2017	MODEL NUMBER: PM 10139 33-400 CRC PDT Assembly			
QA APPR. REL	9/20/2017	SCALE 1:1	SHEET SIZE 8.5" X 11"	SHEET 2 of 3	REV.NP 00.AB



DETAIL Thread  
SCALE 4 : 1

REFERENCE	TOLERANCE	UNITS	DIMENSIONS
E	± 0.008 [0.20]	in [mm]	1.159 [29.43]
T	± 0.008 [0.20]	in [mm]	1.253 [31.82]
I	MINIMUM	in [mm]	1.000 [25.40]
S	±0.015 [0.38]	in [mm]	0.046 [1.17]
H	MINIMUM	in [mm]	0.550 [13.97]
H1	MINIMUM	in [mm]	0.405 [10.29]
Bead	MAXIMUM	in [mm]	1.330 [33.78]
TPI		in	6
PITCH		in [mm]	0.167 [3.18]

NOTE: THE NOMINAL ORIENTATION ILLUSTRATED IS BASED ON NOMINAL DIMENSIONS OF BOTH THE CLOSURE AND THE RECOMMENDED NECK FINISH. FOR EXACT ORIENTATION EACH BOTTLE SHOULD BE EVALUATED ON A CASE BY CASE BASIS.

DRAWING TYPE : CUSTOMER

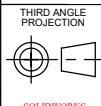
DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED

TOLERANCES UNLESS OTHERWISE SPECIFIED

DIMENSION (inches)	TOLERANCE	DIMENSION (mm)	TOLERANCE
0-0.787	±0.006	0-20	±0.152
0.788-1.181	±0.008	21-30	±0.203
1.182-2.756	±0.012	31-70	±0.305
2.757-3.937	±0.016	71-100	±0.406
3.938-5.096	±0.020	101-150	±0.508
5.097-7.874	±0.024	151-200	±0.610
7.875-9.843	±0.032	201-250	±0.813

ANGULAR TOLERANCE ± 2°

PROPRIETARY AND CONFIDENTIAL



DISTRIBUTION CODE

D

DRAWING NAME

33-400 CRC Assm  
RECOMMENDED NECK FINISH

DRAWING NUMBER

CQA - 10257

DRAWN BY: BDG 5/13/2016

MATERIAL

ENG APPR: BDG 7/6/2017

MODEL NUMBER:

QA APPR: REL 9/20/2017

SCALE	SHEET SIZE	SHEET	REV.N/P
1:1	8.5" X 11"	3 of 3	00.AB