

2 **REVISIONS** DESCRIPTION APP'D ZONE ECN REV. DATE SEE SHEET 1 FOR ALL CHANGES NOTES: 1. ASSEMBLE AND GLUE THE GEAR FRAME ASSEMBLY PER DRAWING 42332WI. 2. INSTALL ITEM# 4 O-RING. 3. PRESS THE ASSEMBLED FRAME INTO ITEM# 1 CAP. 4. TEST BY DRIVING THE GEAR USING TESTER F1743 FOR 5 SECONDS MINIMUM. MOTION AND SOUND SHOULD BE UNIFORM. IF NOT, REPLACE GEARS AND REPEAT. 5. POUND ITEM# 9 PIN INTO ITEM# 8 CAP WITH A SMALL HAMMER 6. INSTALL ITEM# 5 SPRING INTO THE GROOVE ON ITEM# 1 CAP WITH THE OPEN ENDS CLEARING THE PIN. 7. INSTALL ITEM# 6 GEAR BY ALIGNING THE 3 FLATS AND PUSHING IT DOWN. 8. INSTALL ITEM# 7 GEAR. 9. INSTALLTHE BACK HALF ON THE ITEM# 8 CAP IN PLACE OVER THE SPRING FIRST, THEN THE HALF OF THE CAP WITH THE PIN LAST. UNTIL YOU HEAR IT SNAP. IF REQUIRED, USE TOOL F1806 TO DEPRESS THE SPRING AS THE CAP IS BEING INSTALLED. IT SHOULD BE HEARD TO SNAP ON. 10.TWIST ITEM# 8 CAP TO MAKE SURE THAT IT SEATED AND HELD IN PLACE BY THE SPRING. 11. INSTALL ITEM# 3 O-RING. 12. INSTALL ITEM#10 PLATE. INSTALL ITEM# 11 SCREWS. TORQUE TO 10-20 IN-LB. NO THREAD SEALER IS USED. LAST SAVED IN SMARTEAM: 06/29/2007 08:31 THE COMPONENT, PART, OR ASSEMBLY DESCRIBED IN THIS DOCUMENT MUST COMPLY WITH THE FOLLOWING FLI (FUROPEAN LINION) DEIRECTIVES: RoadS DIRECTIVE 2002/05/FC CRITICALITY SYMBOLS PER QPSP-001.2 WEE DIRECTIVE 2002/96/EC, AND ELV DIRECTIVE 2000/53/EC, THESE DIRECTIVES RESTRICT THE USE OF LEAD, CADMILIM, MERCURY, CHROMIUM, PRR, PRDE, AND OTHER ☐ LEVEL I ☐ LEVEL II LEVEL III THIS DRAWING MUST BE COMPARED TO THE ERP SYSTEM TO ENSURE CORRECT REVISION LEVEL PRIOR TO USE. THIS DOCUMENT IS SOLELY THE PROPERTY OF PENTAIR WATER TREATMENT. REPRODUCTION, USE DISCLOSURE, OR THIRD ANGLE -Pentair Water Brookfield TRANSMISSION OF THIS DOCUMENT OR DETAILS CONTAINED HEREIN, IN PART OR IN WHOLE, IS PROHIBITED WITHOUT PROJECTION **Pentair** P.O. BOX 730 THE WRITTEN CONSENT OF PENTAIR WATER TREATMENT BROOKFIELD, WI 53008-0730 Water ENGINEERING THIS DOCUMENT AND ANY COPIES SHALL BE **APPROVALS** DATE RETURNED TO PENTAIR WATER TREATMENT UPON WRITTEN TITLE DRAWN DO NOT SCALE DRAWING, DIMS, ARE IN INCHES [mm] METER CAP ASSY,3",EXT,BRS,PDL INTERPRET DIMS AND TOLERANCES PER ASME Y14.5M -1994 UNLESS OTHERWISE SPECIFIED: 03/05/2004 rsm CORNER FILLETS R.005-.020 [.127-.508] CHECKED TOLERANCES: DATE SIZE DWG NO. REV NAME ANGLES: ±1° 1 PLACE .X: ±.015 [0.38] BR16401 D APPROVED 2 PLACE .XX: ± .01 [0.3] 3 PLACE .XXX: ± .005 [0.13]

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NAME

DATE

SOLIDWORKS FORMAT SHEET 2 OF 2

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