



REVISIONS					
ZONE	ECN	REV.	DESCRIPTION	DATE	APP'D
	12048	A	CREATED ON SOLIDWORKS	3-3-04	AB
	16857	B	REVISED PER MARKED UP DRAWING	3-3-04	AB
	17572	C	UPDATED ASSY USING MODIFIED SUB-ASSY 61449	06-27-07	AB
	xxxxxxx	D	UPDATED ASSY USING MODIFIED SUB-ASSY REMOVED : BR18595 x 3 , BR16812 * BR16253 WAS MODIFIED.	21/01/2009	AB

ITEM	PART NO.	DESCRIPTION	QTY
1	BR16253	CAP, METER, 3900	1
2	61449	METER CAP GEAR ASSY	1
	BR17711	SEAL, LIP	1
	BR13832	RETAINER, SEAL	1
	BR15804	FRAME, GEAR	1
	BR40180	METER GEAR ASSY	1
	BR13825	GEAR ASSY,METER CHANGE LEVEL	1
	BR13510	GEAR,IDLER	6
	BR15312	PLATE,INTERMEDIATE,MACHINED	1
3	15707	O-RING, -236	1
4	11982	O-RING, -016	1

- 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. INSTALL ITEM# 3 O-RING.

LAST SAVED IN SMARTTEAM: 06/28/2007 11:35		<small>THE COMPONENT, PART, OR ASSEMBLY DESCRIBED IN THIS DOCUMENT MUST COMPLY WITH THE FOLLOWING EU (EUROPEAN UNION) DIRECTIVES: RoHS DIRECTIVE 2002/95/EC, WEEE DIRECTIVE 2002/96/EC, AND ELV DIRECTIVE 2000/53/EC. THESE DIRECTIVES RESTRICT THE USE OF LEAD, CADMIUM, MERCURY, CHROMIUM, PBB, PBDE, AND OTHER HAZARDOUS MATERIALS. SEE THE TERMS AND CONDITIONS OF THE CONTRACT (PURCHASE ORDER) FOR MORE INFORMATION.</small>																					
CRITICALITY SYMBOLS PER QPSP-001.2 <input type="checkbox"/> LEVEL I <input checked="" type="checkbox"/> LEVEL II <input checked="" type="checkbox"/> LEVEL III																							
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<small>DO NOT SCALE DRAWING. DIMS. ARE IN INCHES [mm] INTERPRET DIMS AND TOLERANCES PER ASME Y14.5M-1994 UNLESS OTHERWISE SPECIFIED: CORNER FILLETS R.005-.020 [127-508] TOLERANCES: ANGLES : ± 1° 1 PLACE .X: ± .015 [0.38] 2 PLACE .XX: ± .01 [0.3] 3 PLACE .XXX: ± .005 [0.13]</small>		<table border="1"> <tr> <td>APPROVALS</td> <td>DATE</td> </tr> <tr> <td>DRAWN</td> <td>03/03/2004</td> </tr> <tr> <td>CHECKED</td> <td>DATE</td> </tr> <tr> <td>APPROVED</td> <td>DATE</td> </tr> </table>	APPROVALS	DATE	DRAWN	03/03/2004	CHECKED	DATE	APPROVED	DATE	<table border="1"> <tr> <td colspan="2">Pentair Water Brookfield P.O. BOX 730 BROOKFIELD, WI 53008-0730</td> </tr> <tr> <td colspan="2">TITLE METER CAP ASSY,3",STD,BRS,PDL</td> </tr> <tr> <td>SIZE B</td> <td>DWG NO. BR16400</td> </tr> <tr> <td>SCALE 1:2</td> <td>SOLIDWORKS FORMAT</td> </tr> <tr> <td colspan="2">REV C</td> </tr> <tr> <td colspan="2">SHEET 1 OF 1</td> </tr> </table>	Pentair Water Brookfield P.O. BOX 730 BROOKFIELD, WI 53008-0730		TITLE METER CAP ASSY,3",STD,BRS,PDL		SIZE B	DWG NO. BR16400	SCALE 1:2	SOLIDWORKS FORMAT	REV C		SHEET 1 OF 1	
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