## PRODUCT INFORMATION PACKET



Model No: 513981BT-AV
Catalog No: 513981BT-AV
B-513981BT-AV BRKT MCH/318/LDG/E56/I



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mar	athon
	Motors

Nameplate Specifications

**Technical Specifications** 

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Released For Use 3 .262 .272 DO NOT MACHINE BRACKET IF -N- IS ✓ .004 C **∕** √ .004 B 8.466 R.03 PRESENT AT END **♦** C MAX. C (6.83)✓ .003 B OF PART NO. TDRILL DÉPTH **C** 30° 3X Ø .313 ↓ .940 **-** A 45° 4.93 50° 3/8-16 UNC ▼ .500 Ø 7.991 7.992 REF 30° ⊕ Ø .025 M B C PLANE .03/.05 X 45° Ø22.92 В B .04/.06x45° D-513981-SR-120.00° Ø21.000 21.002 TYP. В AVG  $\emptyset$  18.50 .006 90° .04/.06x45° ✓ .003 B C Ø 7.4805 7.4815 R.06 Ø4.375 4.377 MAX 1.05±.09 ∕**∕** | .004 | В | R10.28 .001 E Ø.578 - THRU 3/8 NPT - 1 HOLE 90° 0 Ø 19.62 Ø8.86 AS CAST SURFACE REF. PLANE ±.03 Ø.406<sup>+.010</sup><sub>-.000</sub>  $^{\prime}_{-}$   $\emptyset$  .812  $^{+.015}_{-.000}$ 4X Ø .257 THRU Ø7.00 5/16-18 UNC - 2B THRU Ø1.12 - THRU - 1.062 THRU-4 HOLES ⊕ Ø .025 M B C **-**( 4.25 ) 1 HOLE ⊕ Ø .025 M B C 1.802 1.807 Е 2.63 ─.03/.04 X 45° AS CAST SURFACE 3.880 1.05±.09 3.886 REF. PLANE ±.03 Ø 5.000 4.997 (4.25)45° 4.13 Ø.578 - THRU 5.43 5.41 TYP. Ø.344 - THRU Ø.422 - THRU 3/8 NPT - 2 HOLES 7.38 Ø 1.00 - THRU 1 HOLE 1/8 NPT 1/2-13UNC-1 HOLE 1 HOLE 8.62 **SECTION A-A** Ø2.50  $\emptyset.201$ **DETAIL F** TYP. -1/4-20UNC-2B - 5.36 THRU - 4 HOLES SECTION E-E 2 PLACES **VIEW C-C** - 5.39 -DRAWING REVISION BY C S REV DATE/© DATE 04/19/2021 TOLERANCES (EXCEPT AS NOTED): DRAWN BY **Regali** Rexnord <u>INCH</u> ±0.1 ±0.01 ±0.005 SAS DEC. ANGLE ±0.5° HV mm\_ Regal Beloit America, Inc. [±3] [±0.3] [±0.13] [±0.013] REQUEST NUMBER APPROVED BY .XX .XXX ECR-0182643 01/15/2013 REQUEST NUMBER DESCRIPTION APPROVED BY DJK XXXX ±0.0005 [±0.013]
REMOVE BURRS & BREAK SHARP
EDGES: .003/.015 [.08/.38] X 45°
CORNER FILLETS: R.02 [.5] QTY CHANGE FOR PCD 7 HOLES TO 3 **END FRAME-MACHINED** COPYRIGHT (PER REVISION DATE) REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF TACH. MNT. AXIAL BLR-MGS 440 FR. 318 BRG FNT LOADING SPRING TEBC 01/24/2013 **SECTION B-B** REGAL BELOIT AMERICA, INC. ("OWNER") AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED PROCESS/FINISH 200 UNLESS NOTED REFERENCE MATERIAL CES: 125/ 3.2 INCH \/ mm \/ MACHINED SURFACES: 125/ TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL SIZE DRAWING NUMBER SHEET mm DIMENSIONS IN [BRACKETS]
ARE FOR REFERENCE ONLY THIRD ANGLE (515560A BRG CAP) BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS В 513981BT 1 OF 1 PROJECTION 3 of 3