



ALL DIMENSIONS SHOWN IN PARENTHESIS ARE REFERENCE DIMENSIONS. ALL OTHER DIMENSIONS ARE TOLERANCED PER THE FOLLOWING CHART UNLESS OTHERWISE SPECIFIED.

- 'C' DIM. = +/- .055[1.40]
- SHAFT EXT. = +/- .034[.86]
- LEAD LENGTHS = +/- 1.00[25.4]
- EXTENDED THRU-BOLTS = +/- .050[1.27]
- ANGULAR DIM. = +/- 2°

NOTES:

- 1 PILOT DIAMETER IS CONCENTRIC WITH SHAFT CENTERLINE WITHIN .004[.10] T.I.R.
- 2 FACE OF MOUNTING FLANGE IS PERPENDICULAR TO SHAFT CENTERLINE WITHIN .004[.10] T.I.R.
- 3 SHAFT RUNOUT NOT TO EXCEED .002[.02] T.I.R.
- 4 FOR RIGID BASE ONLY: THE 2 BOTTOM HOLES IN THE MOUNTING FLANGE ARE PARALLEL FROM THE BOTTOM OF THE FEET WITHIN .030[.76]
- 5 FOR THREADED SHAFT EXT. (56J) MATING PARTS SHOULD BE RELIEVED ONE THREAD TO CLEAR FILLET
- 6 FOR THREADED SHAFT EXT. (56J) ECCENTRICITY OF THREADED PORTION OF SHAFT IS HELD WITHIN .004[.10] TOTAL GAGE READING WITH THE INDICATOR ON O.D. OF GROUND RING GAGE AS SHOWN. THE GAGE BEING STATIONARY WITH RESPECT TO THE ROTOR.
- 7 END PLAY NOT TO EXCEED .010[.25] MEASURED WITH NO THRUST

GROUP	FRAME	'C'	(BS)	(XA)	(XG)	(XH)	(XN)	(XO)	(XB)	(XK)	(XL)	(XM)	(XP)
-001	R145TC	13.85[351.8]	7.40[188.0]	2.01[51.1]	5.44[138.2]	4.06[103.1]	4.63[117.6]	3.09[78.5]	2.01[51.1]	5.06[128.5]	4.44[112.8]	4.63[117.6]	3.09[78.5]

DRAWING REVISION B	REVISION BY A.BAUGHMAN	DATE 04-17-2017	TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY: A.BAUGHMAN	Regal Beloit America, Inc.
ECO ECO-0106379	APPROVED BY A.BAUGHMAN	DATE 04-17-2017	.XX ±0.1 [±2.5] ±0.5°	DATE: 03-16-2006	
ECO DESCRIPTION UPDATED TO NEW REGAL TITLEBLOCK			.XX ±0.02 [±0.51]	APPROVED BY: A.BAUGHMAN	
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			.XXXX ±0.0005 [±0.0127]	REFERENCE	MATERIAL
			REMOVE BURRS & BREAK SHARP EDGES .003/.015 [0.076/.381] X 45°	THIRD ANGLE PROJECTION	SIZE DWG NO
			CORNER FILLETS R.02 [51]		631420
			MACHINED SURFACES 125/INCH 3.2/mm		SHEET 1