



SECTION A-A
SCALE 1 : 2

DETAIL B
SCALE 1 : 1
THRUST COLLAR

NOTES:

1. MAXIMUM SPEED IS 30,000 RPM.
2. SUPPLY PRESSURE OPERATING RANGE 60 - 140 PSIG (413.7-965.3 KPA).
3. MAXIMUM CAPACITY AT 140 PSIG AND 30,000 RPM IS 182 LBF (809.6 N).
4. TOTAL ESTIMATED FLOW COMSUMPTION OVER SPEED AND LOADING RANGE IS 30-51 SCFH (14.2-23.6 SLPM) AT 60 PSIG (413.7 KPA) WITH AIR.
5. MAXIMUM OPERATING TEMPERATURE IS 212°F (100°C).
6. BOTH THRUST BEARINGS MUST BE VENTED TO GAUGE PRESSURE AT ID AND OD.
7. RTD OPTION IS AVAILABLE UPON REQUEST.

8	CUSTOMER	SHAFT/THRUST COLLAR	CUSTOMER SPECIFIED	1
7	CUSTOMER	RETAINER PLATE	CUSTOMER SPECIFIED	1
6	CUSTOMER	STATOR	CUSTOMER SPECIFIED	1
5	90-0622	SHCS 10-24 X 1-1/2"	316 STAINLESS STEEL	6
4	80-00669	2" THRUST SPACER	316 STAINLESS STEEL	1
3	90-0621	O-RING - 160	VITON 75A	4
2	90-0620	O-RING - 152	VITON 75A	2
1	160-0002	STANDARD 2" THRUST BEARING	316 SST/GRAPHITE	2
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.

TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE: STANDARD 2" DOUBLE OPPOSED THRUST BEARING		NEWWAY air bearings	
ANGLES: ± 1/2°	DRAWN: AJM	DATE: 07/18/23	MATERIAL: SEE BOM		
DECIMALS: XX ± .01	CHECKED: PJM	DATE: 7/18/23	HEAT TREAT: -	DWG. TYPE: CUSTOMER	REV. -
FRACTIONS: ± 1/64	SCALE: 1:3	SHT. 1 OF 1	FINISH: -	DWG. # NW-TB-02-01-C	
SURFACE ROUGHNESS: 63 RMS MAX	USED ON (NW #): TOP LEVEL				
BREAK ALL SHARP EDGES: .005-.020					

PROPRIETARY ITEM:
THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO NEW WAY MACHINE COMPONENTS, INC. ANY REPRODUCTION, DISCLOSURE, OR USE OF THIS DRAWING OR THE INFORMATION CONTAINED HEREIN IS EXPRESSLY PROHIBITED EXCEPT AS IN WRITING. ALL RIGHTS RESERVED BY NEW WAY MACHINE COMPONENTS, INC.

CUSTOMER PRINT