



SECTION A-A
SCALE 1 : 2

DETAIL B
SCALE 1 : 1
THRUST COLLAR

NOTES:

1. SUPPLY PRESSURE OPERATING RANGE 60 – 140 PSIG (413.7–965.3 KPA).
2. MAXIMUM SPEED AT 60 PSIG IS 22,500 RPM.
3. MAXIMUM SPEED AT 80–140 PSIG IS 30,000 RPM.
4. MAXIMUM CAPACITY AT 140 PSIG AND 30,000 RPM IS 182 LBF (809.6 N).
5. TOTAL ESTIMATED FLOW COMSUMPTION OVER SPEED AND LOADING RANGE IS 25–40 SCFH (11.8–17.3 SLPM) AT 60 PSIG (413.7 KPA) WITH AIR.
6. MAXIMUM OPERATING TEMPERATURE IS 212°F (100°C).
7. BOTH THRUST BEARINGS MUST BE VENTED TO GAUGE PRESSURE AT ID AND OD.
8. RTD OPTION IS AVAILABLE UPON REQUEST.

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
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

PROPRIETARY ITEM:
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CUSTOMER PRINT

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