



SECTION A-A
SCALE 1 : 2

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 CONSUMPTION 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.

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CUSTOMER PRINT

ITEM NO.	PART NUMBER	DESCRIPTION	CUSTOMER SPECIFIED	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/GRAFITE	2

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