



NOTES:

- 1. SUPPLY PRESSURE OPERATING RANGE 60-140 PSIG (413.7-965.3 KPA).
- 2. MAXIMUM SPEED AT 60 PSIG TO BE 11,500 RPM.
- 3. MAXIMUM SPEED AT 80-140 PISG TO BE 15,000 RPM.
- 4. MAXIMUM CAPACITY AT 140 PSIG AND 15,000 RPM IS 292 LBF (1299 N).
- 5. TOTAL ESTIMATED FLOW CONSUMPTION OVER SPEED AND LOADING RANGE IS 30-50 SCFH (14.2-23.6 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 I.D. AND O.D.
- 8. RTD OPTION IS AVAILABLE UPON REQUEST.

PROPRIETARY ITEM:
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8	CUSTOMER	4" SHAFT/THRUST COLLAR	CUSTOMER SPECIFIED	1
7	CUSTOMER	RETAINER PLATE	CUSTOMER SPECIFIED	1
6	CUSTOMER	STATOR	CUSTOMER SPECIFIED	1
5	90-0627	10-24 X 1.75" SHCS	316 STAINLESS STEEL	6
4	90-0621	O-RING - 160	VITON 75A	2
3	90-0307	O-RING - 168	VITON 75A	4
2	80-00672	4" THRUST SPACER	316 STAINLESS STEEL	1
1	160-0004	STANDARD 4" THRUST BEARING	316 SST / GRAPHITE	2
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE: STANDARD 4" DOUBLE OPPOSED THRUST BEARING		
ANGLES: ± 1/2°		DRAWN: MZ	DATE: 07/27/23	NEWWAY [®] air bearings
DECIMALS: XX ± .01		CHECKED: PJM	DATE: 7/28/23	
FRACTIONS: ± 1/64		SCALE: 1:4	SHT. 1 OF 1	DWG. TYPE: CUSTOMER
SURFACE ROUGHNESS: 63/ RMS MAX.		USED ON (NW #):	FINISH: -	
BREAK ALL SHARP EDGES: .005-.020		TOP LEVEL	-	DWG. #: NW-TB-04-01-C
				REV. A