



ZEAL INTERNATIONAL (An ISO 9001 Certified Company)

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Air Cylinder JPI 5008

Standards:

Specification:

TUBE: 300 SERIES STAINLESS STEEL TUBING
PRECISION HONED "I.D."

(16 MICRO OR BETTER) FOR SIZE AND
ROUNDNESS WITH CROSS HATCH
LUBRICANT

RETAINING PATTERN. POLISHED "O.D." TO
A 32 MICRO OR BETTER FOR EASE OF
CLEANING.

2) **FRONT HEAD:** 300 SERIES STAINLESS
STEEL IS IDEAL FOR WASHDOWN
APPLICATIONS. DESIGNED

SPECIFICALLY TO REDUCE POINTS OF
CONTAMINATION.

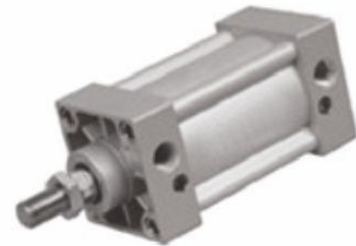
3) **REAR HEAD:** 300 SERIES STAINLESS STEEL
IS IDEAL FOR WASH-DOWN APPLICATIONS.
DESIGNED

SPECIFICALLY TO REDUCE POINTS OF
CONTAMINATION.

4) **PISTON ROD:** GROUND AND POLISHED 303
OR 316 STAINLESS STEEL FOR MAXIMUM
CORROSION

RESISTANCE.

5) **PISTON:** PRECISION MACHINED FROM 303
STAINLESS STEEL FOR INTERNAL
CORROSION RESISTANCE, THEY



ARE ASSEMBLED WITH “BLOCK-VEE” OR “U” CUP SEALS. A HEAVY-DUTY WEAR STRIP (BEARING) ON THE

PISTON MINIMIZES FRICTION AND SEAL WEAR, AND ON SIDE LOAD CONDITIONS PREVENTS

METAL-TO-METAL CONTACT.

6) **PIVOT BUSHING:** LONG LIFE REPLACEABLE PIVOT BUSHING

7) **HEAD SEALS:** NITRILE MATERIAL IS STANDARD. HIGH TEMPERATURE AND OTHER MATERIALS ARE

AVAILABLE.

8) **ROD BEARING:** SNAP-IN BEARING CONSTRUCTION MATERIAL IS NYLON FOR EXTREMELY LOW FRICTION

AND EXTENDED LIFE.

9) **LEATHER BACK-UP RING:** AIDS IN KEEPING ROD CLEAN “WR” TEFLON WIPER RING ALSO AVAILABLE.

10) **NITRILE ROD SEAL:** NITRILE MATERIAL IS STANDARD. HIGH TEMPERATURE AND OTHER MATERIALS ARE

AVAILABLE.

11) **PISTON SEALS:** “BLOCK-VEE” OR “U CUP ARE PRESSURE ACTIVATED AND WEAR COMPENSATING. NITRILE

MATERIAL IS STANDARD. HIGH TEMPERATURE AND OTHER MATERIALS ARE AVAILABLE.

12) **WEAR STRIP (BEARING):** MINIMIZES FRICTION AND SEAL WEAR. AND ON SIDE LOAD CONDITIONS

PREVENTS METAL-TO-METAL CONTACT.

13) 8mm 3 PIN MALE CONNECTOR FOR USE

WITH STANDARD CORDSETS. DEGREE OF PROTECTION (IP67).