

# ALLENNAIR®

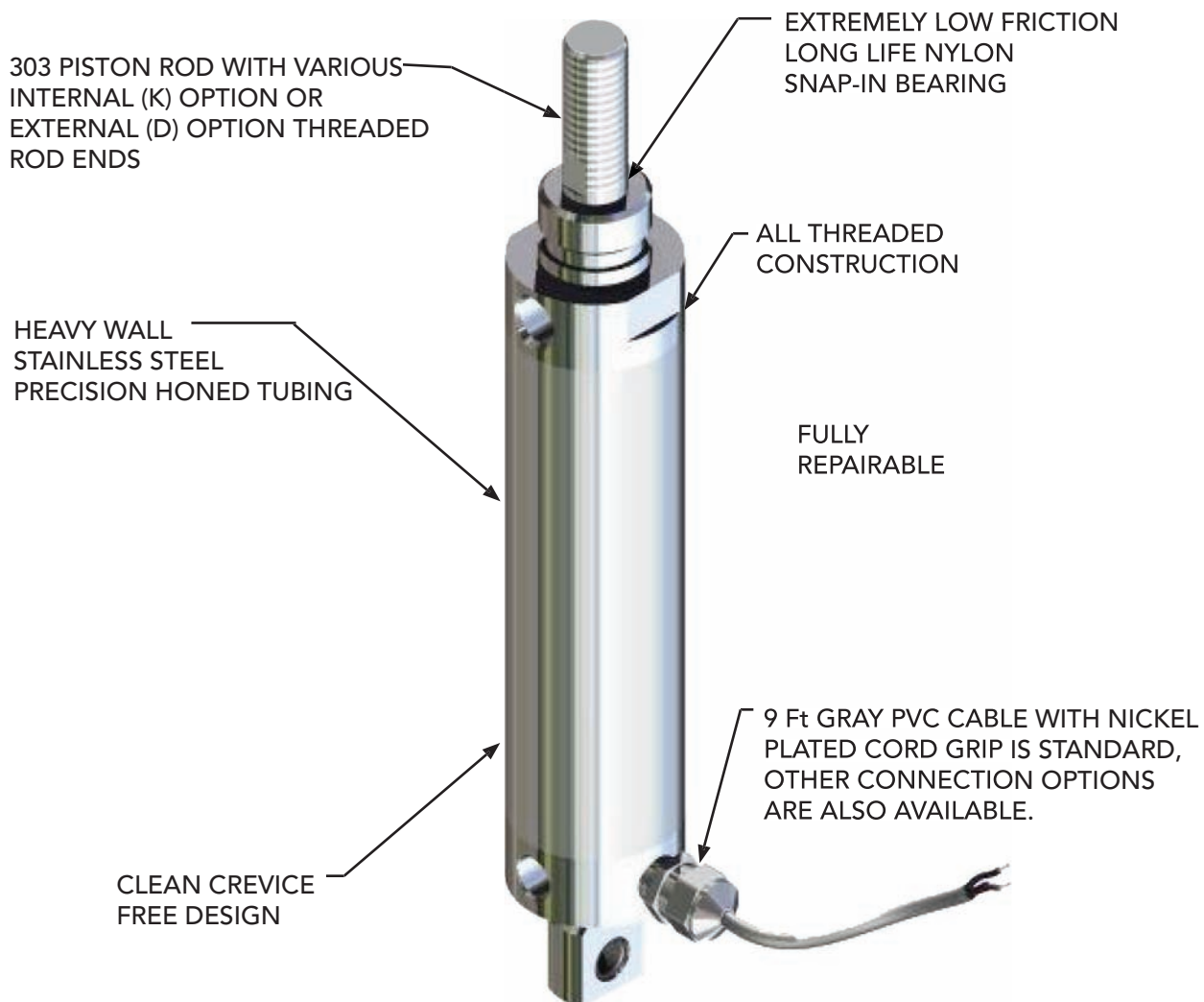


FLUID POWER PRODUCTS

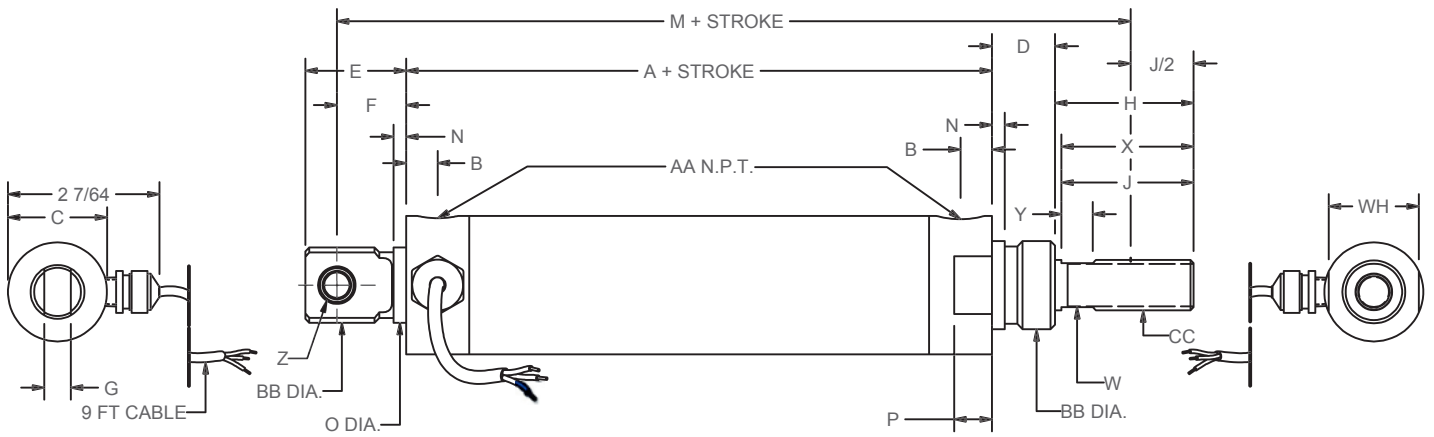


## New Position Feedback Cylinders

Allenair, Corp. is introducing the TD Option to their all stainless steel threaded construction pneumatic and hydraulic cylinder line. The TD Option gives you an internal Linear Resistive Transducer (LRT) for extremely accurate piston position sensing. It is ideal for applications where traditional magnetic position sensing is not acceptable. Additionally, the TD Option is a solution for applications where variations in cylinder stroke and speed are required or where an application calls for continuous position monitoring. Offered in bore sizes from 1-1/8" to 2" and strokes to 16", the cylinders are designed for 150 P.S.I Pneumatic and 500 P.S.I Hydraulic. 9 Ft gray PVC cable with nickel plated cord grip is standard, other connection options are also available.



ALLENNAIR CORP. ~ 255 EAST SECOND ST. ~ MINEOLA, NY 11501-3520 USA  
TELEPHONE: 1-516-747-5450 ~ FAX: 1-516-747-5481  
WEB SITE: [www.allenair.com](http://www.allenair.com) ~ E-MAIL: [info@allenair.com](mailto:info@allenair.com)



CYLINDER BORE SIZE		A	B	C	D	H	J	M	N	O	P
INCHES	MM										
1&1/8	(28)	3-3/16	5/16	1-3/8	5/8	1-3/8	1-1/4	5-5/8	1/8	7/8	3/8
1&1/2	(38)	4-1/8	11/32	1-3/4	7/8	1-7/16	1-1/4	6-11/16	3/16	1-1/16	1/2
2	(50)	4-1/8	11/32	2-1/4	7/8	1-7/16	1-1/4	6-11/16	3/16	1-3/8	1/2

CYLINDER BORE SIZE		AA	BB	CC	W	X	Y	WH
INCHES	MM							
1&1/8	(28)	1/8	7/8-14	1/2-13	7/16	1-5/16	5/16	1-1/4
1&1/2	(38)	1/4	1"-14	5/8-11	1/2	1-3/8	5/16	1-5/8
2	(50)	1/4	1-3/8-12	3/4-10	5/8	1-3/8	5/16	2-1/8

**SPECIFICATIONS:**

- RESISTANCE:** 1.0K OHM / INCH ±20%
- LINEARITY:** ±1.0%, OF STROKE
- STANDARD STROKES:** 1, 2, 3, 4, 6, 8, 9, 12, 16, INCHES
- POWER DISSIPATION:** 1 WATT / INCH @ 25°C
- OPERATING TEMP.:** -25°C TO +148°C
- PRESURE:** H = 500 P.S.I P =150 P.S.I.
- RESOLUTION:** INFINITE