

MOTOR END LINKAGE PART NUMBERS FOR WAFER VALVES

Valve Designation	Connecting Rod Part Number	Spacer Part Number	Rod End	Lever
1136, 1146, 1156-6, 7 & 8 1136, 1146, 1156-9	2-4168-12 2-4168-12			
1136, 1146, 1156-10 & 12 1136, 1146, 1156-14, 16 & 18	2-4168-14 2-4168-16	2-3969-1	R030-9062	2-2207-6
1136, 1146, 1156-20 1136, 1146, 1156-24 1136, 1146, 1156-30	2-4168-18 2-4168-20 2-4168-26			

SPRINGS FOR POSITIONER R620-2101

(When ordering replacement standard positioner, please replace the spring.)

North American Stock #	Span, psi	Spring Color
R620-2116 R620-2120	12 (standard) 24 (special)	green-white orange
R620-2115 R620-2114	10 (special) 8 (special)	orange-white yellow
R620-2113 R620-2112	6 (special) 5 (special)	red-yellow green-yellow
R620-2111 R620-2110	4 (special) 3 (special)	orange-yellow brown

To order a positioner with special span spring, specify:
Positioner complete with R620-___ spring for ___ psi span.

SELECTING CORRECT SPAN SPRING FOR VARIOUS INSTRUMENT RANGES

"Zero" adjustment (pressure where actuator begins to move) of the standard positioner may be set as low as 3 psi, and as high as 9 psi. Many different instrument ranges can be accommodated, by setting different "zero" points, and by using various span springs.

If, for example, an order specifies a positioner for a 5 to 11 psi instrument signal range, determine the correct span spring by subtracting the lower range number from the higher range number; $11 - 5 \text{ psi} = 6 \text{ psi}$. Select the 6 psi span spring (R620-2113) substituting it for the standard spring. Set the zero adjustment screw so that the air motor begins to move with a 5 psi signal at the control instrument connection. An air signal, from 5 to 11 psi will then provide the full 26° travel.

To order Conversion Kit for 1600, specify:
1600-P (includes positioner, gasket, adapter and spring)

To order positioner, specify:
R620-2101 positioner

WARNING: Situations dangerous to personnel and property may exist with the operation and maintenance of any combustion equipment. The presence of fuels, oxidants, hot and cold combustion products, hot surfaces, electrical power in control and ignition circuits, etc., are inherent with any combustion application. Components in combustion systems may exceed 160°F (71°C) surface temperatures and present hot surface contact hazard. Fives North American Combustion, Inc. suggests the use of combustion systems that are in compliance with all Safety Codes, Standards, Regulations and Directives; and care in operation.



CONTACT US:
Fives North American Combustion, Inc.
4455 East 71st Street - Cleveland, OH 44105 - USA
Tel: +1 216 271 6000 - Fax: +1 216 373 4237
Email: fna.sales@fivesgroup.com



www.fivesgroup.com