

## SELECTION

The following table provides a listing of those Series 1615 actuators currently available, along with an indication of the primary features offered by each.

Part Number	Torque (lb-in)	Running Time <sup>(1)</sup> at 60 Hz (sec.)	Input Voltage (V ac)	Input Control	Feedback Signal	Degrees of Travel	Zero & Span Adjustment
1615-A	140	18	110-120	4-20 mA	None	135°	Yes
1615-B	140	25	110-120	4-20 mA	None	90°	Yes
1615-C	140	37.5	24	(2)	135Ω	135°	No
1615-D	200	25	110-120	4-20 mA	None	90°	Yes
1615-E	200	25	110-120	4-20 mA	1000Ω	90°	Yes
1615-F	310	55.5	110-120	4-20 mA	None	135°	Yes
1615-G	310	55.5	110-120	(2)	135Ω	135°	No
1615-H	310	55.5	110-120	(3)	(4)	135°	Yes
1615-I	310	66	110-120	Floating	None	160°	No
1615-J	310	55.5	220-240	4-20 mA	None	135°	Yes
1615-K	400	50	220-240	(3)	(4)	90°	Yes
1615-L	400	75	110-120	4-20 mA	None	135°	Yes
1615-M	400	75	110-120	(3)	(4)	135°	Yes
1615-N	140	25	220-240	4-20 mA	None	90°	Yes
1615-P	200	25	110-120	(3)	(4)	90°	Yes
1615-Q	200	37.5	110-120	4-20 mA	None	135°	Yes
1615-R	200	37.5	110-120	4-20 mA	1000Ω	135°	Yes
1615-S	140	25	110/120	3	4	90°	Yes
1615-T	140	12	220/240	3	4	90°	Yes
1615-V	200	25	220/240	3	4	90°	Yes
1615-W	310	37	110/120	3	4	90°	Yes
1615-X	310	37	220/240	3	4	90°	Yes
1615-Y	400	50	110/120	3	4	90°	Yes
1615-Z	400	75	110/120	3	4	135°	Yes

## NOTES:

- (1) Multiply running time by 1.2 for 50 Hz.  
 (2) Position proportional control (i.e. AC voltage control)  
 (3) All inputs/outputs, linearization, split ranging, and pre-set positioning, 4-20 mA, 0-10 vdc, 0-20 mA, and line voltage  
 (4) Actuators with the multi-functional circuit board have the following output signals: 4-20 mA, 0-10 V dc, and 0-20 mA  
 (5) Actuator shafts are 3/8" square for 1615-A - L and 1615-N - R; 0.55" circular for a 1615-M.  
 (6) All actuators will contain 2 limit switches and 4 auxiliary SPDT switches  
 (7) All actuators will use the red scale indication with the double switch cam indicators.

## ORDERING INSTRUCTIONS

*Examples:* 1615-A Control Motor Actuators  
 R410-7900 Bracket for retro-fitting to Honeywell MOD IV motor assembly

DIMENSIONS SHOWN ARE SUBJECT TO CHANGE. PLEASE OBTAIN CERTIFIED PRINTS FROM FIVES NORTH AMERICAN COMBUSTION, INC.  
 IF SPACE LIMITATIONS OR OTHER CONSIDERATIONS MAKE EXACT DIMENSION(S) CRITICAL.

**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

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