

# Data sheet

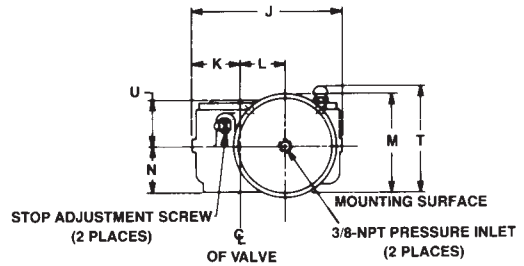
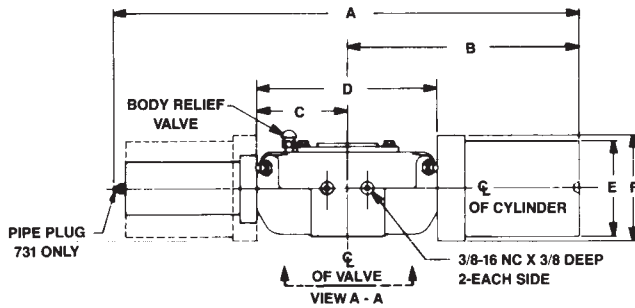
Sheet No.: HPM 3.01 RevB

Date: August 2010

HD-Series

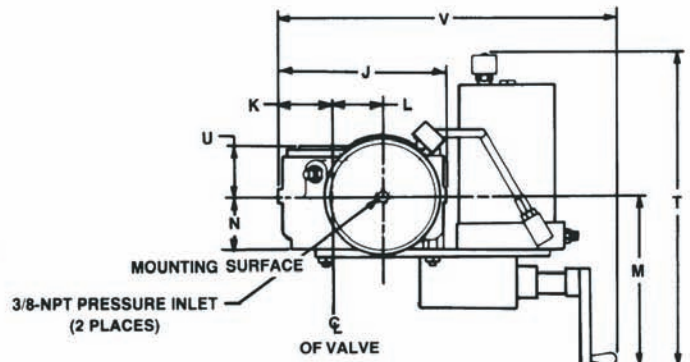
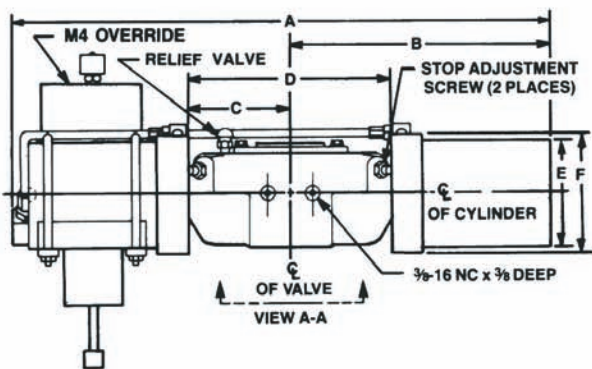
## Dimensions – (Pneumatic) mm.

### Double-Acting Actuators



Actuator Model	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U
521	843.0	460.2			136.7	151.6						147.6							
721	851.7	469.1	141.2	282.4	190.5	206.2	81.0	40.4	226.3	73.2	63.5	174.8	71.4	63.60	.500-13 UNC	19.1	142.7	193.5	73.2
722	938.3																		
731	1006.3	566.7	173.0	345.9			103.1	51.6	300.0	91.9	85.9	193.5	90.4	82.55	.750-10 UNC	25.4	184.2	212.9	95.3
732	1133.3																		

### Double-Acting with M4 Hydraulic Override



Actuator Model	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V
521-M4	920.8	460.2	141.2	282.4	136.7	150.9	81.0	40.4	226.3	73.2	63.5	349.3	71.4	63.60	.500-13 UNC	19.1	142.7	522.2	73.2	503.2
721-M4	938.3	469.1																		
731-M4	1133.3	566.7	173.0	345.9	190.5	215.9	103.1	51.6	300.0	91.9	85.9	193.5	90.4	82.55	.750-10 UNC	25.4	184.2	212.9	95.3	599.9

Note: Not Certified dimensional drawings. Such drawings available on request.  
 Contact factory with correct model designation and serial number.  
 All dimensions are expressed in millimeters.

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**Data sheet**

Sheet No.: HPM 3.02 RevB

Date: August 2010

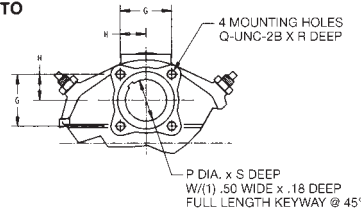
**HD-Series**

# Dimensions – (Pneumatic) mm.

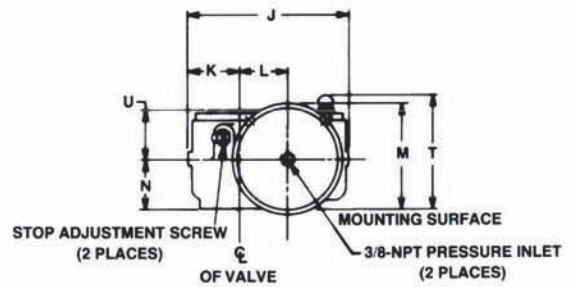
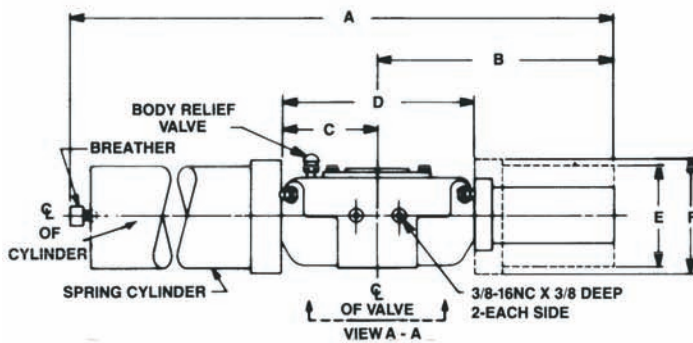
## Mounting Dimensions (View A-A) For All HD-Series Actuators

(Dimensions G, H, P, Q, R and S)

**NOTE: ACTUATOR SHOWN ROTATED TO THE FULL CLOCKWISE POSITION.**



## Spring-Return



Actuator Model	Spring Size							B	C	D	E	F	G
	40	60	80	100	120	150	200						
	Dimension A												
521-SR	1125.5	1125.5	1125.5	1272.3	1272.3	1272.3	1353.3	382.5	141.2	282.4	136.7	151.6	81.0
721-SR	1154.2	1154.2	1154.2	1154.2	1273.0	1273.0	—						
722-SR	1296.9	1296.9	1398.5	1398.5	—	—	—	469.1	173.0	345.9	190.5	206.2	103.1
732-SR	1541.5	1541.5	1677.9	1677.9	1782.8	1782.8	—	566.7					

Actuator Model	H	J	K	L	M	N	P	Q THD.	R	S	T	U
521-SR	40.4	226.3	73.2	63.5	147.6	71.4	63.60	.500-13 UNC	19.1	142.7	193.5	73.2
721-SR					174.8							
722-SR												
732-SR	51.6	300.0	91.9	85.9	193.5	90.4	82.55	.750-10 UNC	25.4	184.2	212.9	95.3

Note: Not Certified dimensional drawings. Such drawings available on request.  
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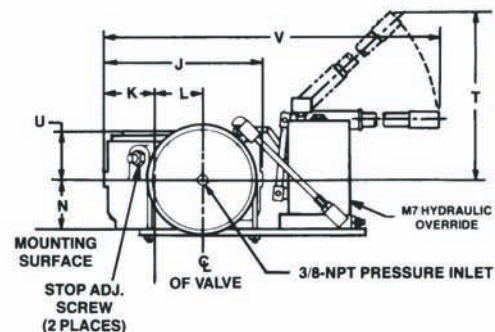
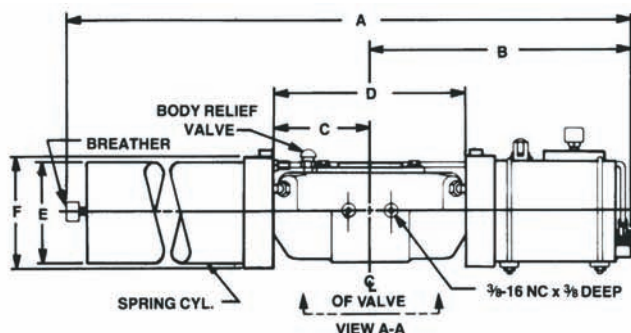
Sheet No.: HPM 3.03 RevB

Date: August 2010

HD-Series

## Dimensions – (Pneumatic) mm.

### Spring-Return with M7 Hydraulic Override



Actuator Model	Spring Size							B	C	D	E	F	G
	40	60	80	100	120	150	200						
	Dimension A												
521-SR-M11	1203.5	1203.5	1203.5	1350.3	1350.3	1350.3	1431.0	382.5	141.2	282.4	136.7	151.6	81.0
721-SR-M11	1240.5	1240.5	1240.5	1240.5	1359.7	1359.7	—				190.5	206.2	
731-SR-M11	1541.5	1541.5	1677.9	1677.9	1782.8	1782.8	—				566.7	173.0	

Actuator Model	H	J	K	L	M	N	P	Q THD.	R	S	T	U	V
521-SR-M11	40.4	226.3	73.2	63.5	—	71.4	63.60	.500-13 UNC	19.1	142.7	762.0	73.2	913.6
721-SR-M11													926.3
731-SR-M11	51.6	300.0	91.9	85.9	—	90.4	82.55	.750-10 UNC	25.4	184.2	—	95.3	954.8

Note: Not Certified dimensional drawings. Such drawings available on request.  
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