

# Data sheet

Sheet No.: HPI 2.01 RevA

Date: September 2009

HD-Series

## Performance Data – (Pneumatic)

### Double-Acting Actuators

#### HD-Series

Actuator Model	Displacement Per Stroke (Cu. In.) ▲	Maximum Operating Pressure (MOP)* (PSIG)	Maximum Allowable Working Pressure (MAWP)** (PSIG)	Approximate Weight of Actuator (Lbs.)	With M3 Add (Lbs.) +	With M3HW Add (Lbs.) +	With M11 Add (Lbs.) +
HD 521	134	200	200	79	10	24	32
HD 721	261	150	200	100	10	24	32
HD 722	487	75	125	125	10	24	C/F
HD 731	322	200	200	164	10	24	35
HD 732	622	150	200	207	10	24	C/F

### Spring-Return Actuators

#### HD-Series

Actuator Model	Displacement Per Stroke (Cu. In.) ▲	Maximum Operating Pressure (MOP)* (PSIG)	Maximum Allowable Working Pressure (MAWP)** (PSIG)	Approximate Weight of Actuator (Lbs.)	With M3 Add (Lbs.) +	With M3HW Add (Lbs.) +	With M11 Add (Lbs.) +
HD 521-SR40	134	200	200	105	5	12	32
HD 521-SR60	134	200	200	108	5	12	32
HD 521-SR80	134	200	200	110	5	12	32
HD 521-SR100	134	200	200	121	5	12	32
HD 521-SR125	134	200	200	123	5	12	32
HD 521-SR150	134	200	200	125	5	12	32
HD 521-SR200	134	200	200	136	5	12	32
HD 721-SR40	261	180	200	150	5	12	32
HD 721-SR60	261	195	200	156	5	12	32
HD 721-SR80	261	200	200	162	5	12	32
HD 721-SR100	261	200	200	163	5	12	32
HD 721-SR125	261	200	200	186	5	12	32
HD 721-SR150	261	200	200	188	5	12	32
HD 721-SR200	261	200	200	203	5	12	32

Notes:

✦ Manual Overrides

- M3 Jackscrew
- M3HW Jackscrew and handwheel
- M11 Piston pump assembly including hydraulic cylinder

▲ Maximum volume including cavity required for calculating consumption per stroke.

\* **Maximum Operating Pressure (MOP)** – The maximum recommended pressure at which the actuator should be operated.

\*\* Maximum Allowable Working Pressure (MAWP) is the maximum static pressure that may be applied to a fully stroked actuator against the travel stops.

C/F Consult factory.

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## Data sheet

Sheet No.: HPI 2.02 RevA

Date: September 2009

# HD-Series

## Performance Data – (Pneumatic)

### Spring-Return Actuators

#### CBA-300 Series (cont.)

Actuator Model	Displacement Per Stroke (Cu. In.) ▲	Maximum Operating Pressure (MOP)* (PSIG)	Maximum Allowable Working Pressure (MAWP)** (PSIG)	Approximate Weight of Actuator (Lbs.)	With M3 Add (Lbs.) +	With M3HW Add (Lbs.) +	With M11 Add (Lbs.) +
HD 722-SR40	487	90	125	215	5	12	C/F
HD 722-SR60	487	115	125	229	5	12	C/F
HD 722-SR80	487	130	150	235	5	12	C/F
HD 722-SR100	487	145	175	249	5	12	C/F
HD 732-SR40	622	160	200	275	5	12	C/F
HD 732-SR60	622	175	200	291	5	12	C/F
HD 732-SR80	622	190	200	316	5	12	C/F
HD 732-SR100	622	200	200	326	5	12	C/F
HD 732-SR125	622	200	200	352	5	12	C/F
HD 732-SR150	622	200	200	366	5	12	C/F

#### Notes:

#### + Manual Overrides

M3	Jackscrew
M3HW	Jackscrew and handwheel
M11	Piston pump assembly including hydraulic cylinder

▲ Maximum volume including cavity required for calculating consumption per stroke.

\* **Maximum Operating Pressure (MOP)** – The maximum recommended pressure at which the actuator should be operated.

\*\* Maximum Allowable Working Pressure (MAWP) is the maximum static pressure that may be applied to a fully stroked actuator against the travel stops.

C/F Consult factory.

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