

Data sheet

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HD-Series

Performance Data – (Pneumatic)

Double-Acting Actuators

HD-Series

Actuator Model	Displacement Per Stroke (cu cm) ▲	Maximum Operating Pressure (MOP)* (Bar)	Maximum Allowable Working Pressure (MAWP)** (Bar)	Approximate Weight of Actuator (kg)	With M3 Add (kg)†	With M3HW Add (kg)†	With M11 Add (kg)†
HD 521	2196	14	14	36	5	11	34
HD 721	4277	10.5	14	45	5	11	43
HD 722	7980.5	5	8.5	57	5	11	—
HD 731	5276.6	14	14	74	5	11	45
HD 732	10193	10.5	14	94	5	11	—

Spring-Return Actuators

HD-Series

Actuator Model	Displacement Per Stroke (cu cm) ▲	Maximum Operating Pressure (MOP)* (Bar)	Maximum Allowable Working Pressure (MAWP)** (Bar)	Approximate Weight of Actuator (kg)	With M3 Add (kg)†	With M3HW Add (kg)†	With M11 Add (kg)†
HD 521-SR40	2196	14	14	48	2	5	29
HD 521-SR60	2196	14	14	49	2	5	29
HD 521-SR80	2196	14	14	50	2	5	29
HD 521-SR100	2196	14	14	55	2	5	29
HD 521-SR125	2196	14	14	56	2	5	29
HD 521-SR150	2196	14	14	57	2	5	29
HD 521-SR200	2196	14	14	62	2	5	29
HD 721-SR40	4277	12.5	14	68	2	5	39
HD 721-SR60	4277	13.5	14	71	2	5	39
HD 721-SR80	4277	14	14	73	2	5	39
HD 721-SR100	4277	14	14	74	2	5	39
HD 721-SR125	4277	14	14	84	2	5	39
HD 721-SR150	4277	14	14	85	2	5	39
HD 721-SR200	4277	14	14	92	2	5	39
HD 722-SR40	7981	6	8.5	98	2	5	—
HD 722-SR60	7981	8	8.5	104	2	5	—
HD 722-SR80	7981	9	10.5	107	2	5	—
HD 722-SR100	7981	10	12	113	2	5	—
HD 732-SR40	10193	11	14	125	2	5	—
HD 732-SR60	10193	12	14	132	2	5	—
HD 732-SR80	10193	13	14	143	2	5	—
HD 732-SR100	10193	14	14	148	2	5	—
HD 732-SR125	10193	14	14	160	2	5	—
HD 732-SR150	10193	14	14	166	2	5	—

Notes:

† Manual Overrides

- M3 Jackscrew
- M3HW Jackscrew and handwheel
- M11 Piston pump assembly including hydraulic cylinder
- M7 Piston pump assembly including hydraulic cylinder

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

* **Maximum Operating Pressure (MOP)** – The pressure required to produce the maximum rated torque of the actuator.

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

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