

Data sheet

Sheet No.: HHI 2.01 RevA

Date: September 2009

HD-Series

Performance Data – (Hydraulic)

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.)
H251.5	9	3000	3000	68
H352.1	24	3000	4000	137

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.)
H251.5-SR540	9	3000	3000	110
H251.5-SR560	9	3000	3000	114
H251.5-SR580	9	3000	3000	116
H251.5-SR5100	9	3000	3000	128
H251.5-SR5125	9	3000	3000	130
H251.5-SR5150	9	3000	3000	132
H251.5-SR780	9	3000	3000	166
H251.5-SR7100	9	3000	3000	168
H251.5-SR7125	9	3000	3000	191
H251.5-SR7150	9	3000	3000	193
H352.1-SR740	24	3000	4000	247
H352.1-SR760	24	3000	4000	263
H352.1-SR780	24	3000	4000	292
H352.1-SR7100	24	3000	4000	302
H352.1-SR7125	24	3000	4000	325

Notes:

- ▲ Maximum displacement required for calculating consumption per stroke. All HD-Series hydraulic actuators have opposing hydraulic rams for both directions of travel.
- * **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.

BETTIS®

www.Bettis.com

Copyright © Emerson Process Management. The information in this document is subject to change without notice. Updated data sheets can be obtained from our website www.bettis.com or from your nearest Valve Automation Center.
USA: +1 281 727 5300 Europe: +31 74 256 1010 Asia-Pacific: +65 6501 4600



EMERSON™
Process Management