



# Richards-Wilcox

Engineered For Life

# DYNA-HOIST DC SERIES

## PRODUCT OVERVIEW

MODELS	DC500-100	DC750-100	DC750-125	DC750-125
Motor: Frame 56C, Horse Power	0.5	0.75	0.75	1
Motor rpm	1750	1750	1750	1750
Standard Voltages	110 to 240 V AC, 1 ph, 60 Hz			
Brake	Integrated Dynamic			
Reducer: Worm-Gear, Size	50	50	75	75
Reduction ratio	30:1	30:1	30:1	30:1
Output rpm	58	58	58	58
Output Torque (in-lb)	380	570	586	782
Hollow shaft dia (in)	1"	1"	1 1/4"	1 1/4"
Max OHL (lbs)	586	586	873	873
Recommended door size (sq. ft.)	200	400	400	600
Full Load Current (amps)	5	7.6	7.6	10
Limit switches type	Encoder			
Open limits	1 Full, one partial Open			
Close limits	1 Close limit			
Controls type	Real-time monitoring. SOFT START-SOFT STOP			
Display	Large LCD to setup trouble shooting and real time monitoring			
Enclosure: NEMA 4, (Size W x H)	8 1/2 x 10 1/2	9 1/2 x 13 1/2	9 1/2 x 13 1/2	9 1/2 x 13 1/2
Opening Speeds	24, 16, 8 inch/ second			
Closing Speed	16, 12, 8 inch/second			
Cycle Counter	ten millions (10,000,000)			
Control Voltage	24V DC			
Warranty	2 years or 1 million cycles			
Emergency Manual Operation in case of power failure: 24 V Backup Battery	5 amps	7 amps	7 amps	9 amps
Battery Type	Lead/acid			
Manual Crank Operation	3/8" ratchet drive			
Step down Transformer required for 460V, 600V. (kVA)	0.75	1	1	1.5
Time Delay on reverse	1 sec			
Programmable Close Timer	1 to 99 seconds			
UL325 Compliance	Yes			
Standard External Reversing Devices	Photo eye			
Terminals for:	Reversing and activating devices: Motion Detector, Loop Detector, Safety Edge, Light Curtain, Push buttons, Radio controls, Door lock.			
Wireless Inputs for:	Safety edge, Push Button Station, Pull Cord,			
R2	23-Jan-19			

## RICHARDS-WILCOX GARAGE DOORS

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