



OMAHA STANDARD

415/515DH HOIST SPECIFICATIONS



MODEL	415 DH	515 DH
Number of Cylinders	1	1
Cylinder Action	Double Acting Single or Double	Double Acting Single or Double
PTO Pumps		
Electric Pumps		
Cylinder Bore	4.5"	5"
Cylinder Stroke (Installed)	15.25"	15.25"
Chrome Plated Rod Dia.	2"	2"
Hoist Height Collapsed	6.25"	6.25"
Hoist Height Extended (Pin to Pin)	61"	61"
Pump Options	919 Direct Gear 4 Piston DA Electric SA Electric	919 Direct Gear 4 Piston DA Electric SA Electric
Hydraulic Control Valve	919 Gear Piston Double Acting Electric Single Acting Electric	4 Way w/ Recycle 4 Way w/ Cyl. Relief 4 Way 3 Way
Reservoir Capacity	919 Gear 4 Piston Electric	9 Qts. 15 Qts. 7 Qts.
Pump Flow Rate @ 1000 RPM	919 Gear 4 Piston Electric (Empty) Electric (Loaded)	4.50 GPM 3.31 GPM 2.30 GPM 1.0 GPM
Relief Valve Setting (Extend Side)	3250 PSI	3250 PSI
Relief Valve Setting (Retract Side)	1500 PSI	1500 PSI
Approx. Lift Time @ 1000 RPM	919 Gear 4 Piston Electric (Empty) Electric (Loaded)	11 sec. 15 sec. 22 sec. 51 sec.
Recommended Chassis C/A Range	60" - 84" C/A	60" - 84" C/A
Recommended Body Length	8' - 12'	8' - 14'
Mounting Distances (Rear Hinge to Lift Point)		
35°	96.75"	96.75"
40°	85"	85.25"
45°	76.25"	76.25"
50°	69"	69"
55°	63.25"	63.25"
Lifting Capacity Range	4.8-10.6 Tons	4.8-13.1 Tons
NTEA Class	B/10	C/20
Approximate Shipping Weight	430 Lbs.	440 Lbs.

Table 1