

DT-01

Trident

Top Head Drive Piston Pump

FLOW RANGE: 0 TO 3 US GPM/ 11.3 LPM
4,320 GPD / 16,272 LPD

DISCHARGE PER STROKE: .05 US Gallons

MOTOR: Trident Pneumatic

STROKE: 12"

***MAXIMUM DISCHARGE PRESSURE:** 1070 feet of water or 460 psig

MAXIMUM LIFT: 1070 feet of water or 460 psig

MAXIMUM STROKES PER MINUTE: 60

VARIABLE SPEED (STROKE) CONTROL ADJUSTS
TO WELL CONDITIONS

LIQUID DRAW DOWN TO TOP OF STRAINER

DISCHARGE SIZE: 1 $\frac{1}{4}$ " NPT

INSTALLATION: Unit can be installed vertically or horizontally

DRIVER WEIGHT: 8 lbs.

DRIVER ROD WEIGHT: 12 lbs/100'

FOOT VALVE ASSEMBLY WEIGHT: 15 lbs.

RISER PIPE: 1 $\frac{1}{4}$ "

OPERATIONAL DEPTH: 1070'

MINIMUM WELL CASING SIZE: 2"

PNEUMATIC AIR CONNECTION: 1/4" Female NPT 3/8" OD Tubing

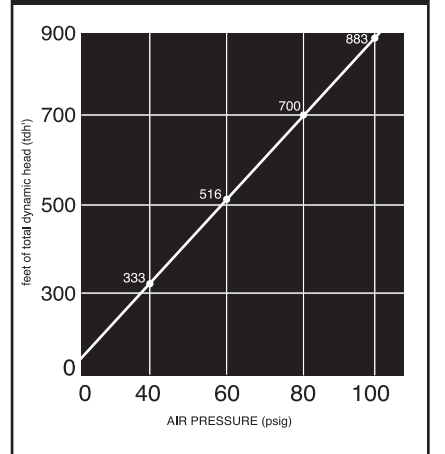
*Discharge pressure based in 120psi air supply



B L A C K H A W K
C o m p a n y

Discharge Tee and Well Seal Height
Foot Valve Length
Intake Screen Length
Downhole Diameter

Trident Pneumatic Motor
AIR PRESSURE REQUIREMENTS
 TDH (Total Dynamic Head)



Trident Pump-Low Flow
FLOW PERFORMANCE GPM

