

# SMALL CAPACITY PUMPS

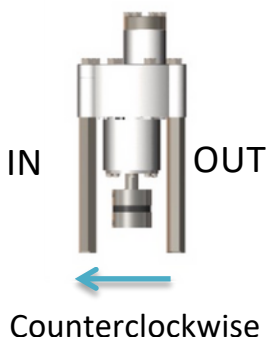
## D-Series Pumps | Flow Rates of 10-15 GPM (38 – 57 L/min)



- Most economical pump for intermittent duty, cylinder filling applications
- Comes with a built-in bypass valve preset to 90 psid to be used in place of an external bypass valve
- Built in strainer screen
- Shaft seal assembly/gears can be serviced in the field without disrupting the piping

Pumps Only		Average Delivery Rate (See page 10 for pump performance curves)		Maximum Differential Pressure	Inlet/Outlet Size	Motor*
Model	Motor Speed (RPM)	40 PSID (3 bar)	75 PSID (5 bar)	PSI (BAR)	FNPT (DN)	HP (kW)
DW-1Z <b>MAX 3600 RPM</b>	3600 (60 Hz) 3000 (50 Hz)	8.5 GPM (27 LPM)	7 GPM (21 LPM)	125 PSI (8 BAR)	¾" (DN 20)	1 HP (0.55 kW)
DW-HZ <b>MAX 3600 RPM</b>	3600 (60 Hz) 3000 (50 Hz)	13.5 GPM (38 LPM)	12 GPM (31 LPM)	125 PSI (8 BAR)	1" (DN 2)	1-1/2 HP (0.75 kW)

\*Explosion Proof motors are UL listed and available in 1 or 3 phase electricity for 60 Hz (3600 RPM) or 50 Hz (3000 RPM) locations, 1 phase: 115/230V (suitable for 208V), 3 phase: 208/230/460 V. Motors are 56C-frame with feet allowing the motor to be directly mounted to the pump with thermal overload protection. Foot-mount options are also available for motors with different frame sizes. ATEX/UKEX certified motors also available. See page 14 for more information. For external dimension drawings, please visit [www.smithpumps.com](http://www.smithpumps.com).



Model	Length of time to fill LP-gas cylinders		Weight (Pump only)	Weight (Pump, coupling, motor)
	20 lb. (9kg)	100 lb. (45 kg)		
ALL D-series Models	Less than 1 minute	3-4 minutes	22 lbs (10 kg)	60-67 lbs (27-30 kg)