

NXT™ High-Flo®

Air-Powered Oil Pumps and Packages



Features and Benefits

- Move large amounts of oil fast—dispenses up to 31 gallons of oil per minute
- Tested to outperform and outlast all other pumps on the market with its long-life packing design
- Models available with intuitive, easy-to-use DataTrak™ controls—gives you pump diagnostics, material usage tracking and pump runaway protection
- Reduces icing and noise—new NXT air motor is up to 50% quieter than previous models

Typical Applications

- In-plant to supply long-pipe runs or large volume header systems with multiple dispense locations
- Fill remote reservoirs or feed an automated lubrication system
- Transfer and dispense large amounts of lubricant to supply a production process
- Mines/construction for rapid refill of lube trucks and to service off-road equipment

Package Number with DataTrak		247888	247889	247892	247893
Package Number without DataTrak		24D602	24D603	24D606	24D607
Pump Specifications	Ratio	3.5:1	4.5:1	6:1	6:1
	Mounting	Wall (255143)	Wall (255143)	Wall (255143)	Stand (218742)
	Pump with DataTrak and thermal relief kit	24D590	24D591	24D594	24D594
	Pump w/o DataTrak and thermal relief kit	24D596	24D597	24D600	24D600
	Output per Cycle	2000cc	1500 cc	2000 cc	2000 cc
	Output at 60 CPM*	31.5 gpm (119.2 lpm)	23.2 gpm (87.8 lpm)	31.5 gpm (119.2 lpm)	31.5 gpm (119.2 lpm)
	Motor Size	NXT 3400		NXT 6500	
	Maximum Fluid Pressure	350 psi (24.1 bar)	450 psi (31.0 bar)	500 psi (35.2 bar)	
	Maximum Air Input Pressure	100 psi (6.9 bar)		75 psi (5.2 bar)	
	Manuals	System Manual	312862		
Pump Manual		311211		311831	
Pump Lower Manual		311690		311832	
Motor Manual		311238			
Inlet/Outlet	Pump Inlet Size	1 1/2 in npt (f)		2 in npt (f)	
	Pump Outlet Size	1 in npt (f)		2 in npt (f)	
Hoses	3/4 in x 4 ft Air Hose	110048			
	1 in x 6 ft Fluid Hose	115042		247969	

*Graco recommends 20 CPM or less for supply applications

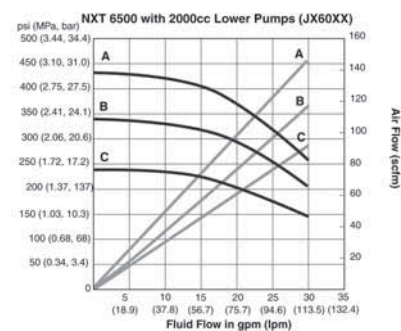
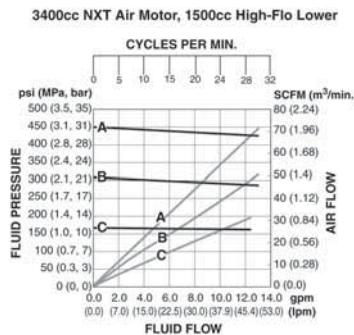
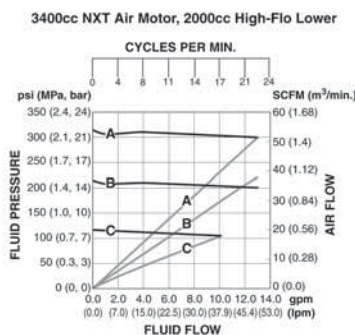
Performance Charts

A = 100 psi (7.0 bar) air pressure
 B = 70 psi (4.9 bar) air pressure
 C = 40 psi (2.8 bar) air pressure

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 B = 70 psi (4.9 bar) air pressure
 C = 40 psi (2.8 bar) air pressure

Test Fluid is No. 10 Weight Oil for all pumps

A = 70 psi (4.9 bar) air pressure
 B = 55 psi (3.7 bar) air pressure
 C = 40 psi (2.8 bar) air pressure



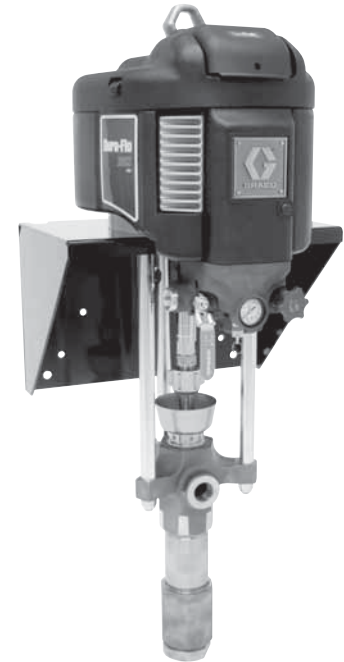
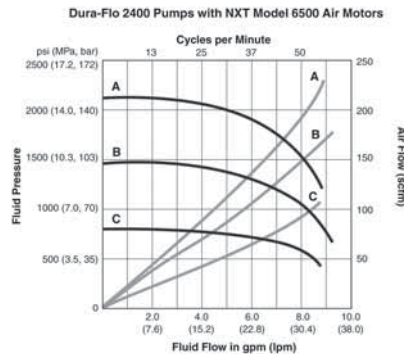
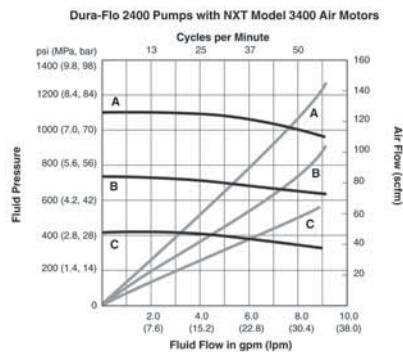
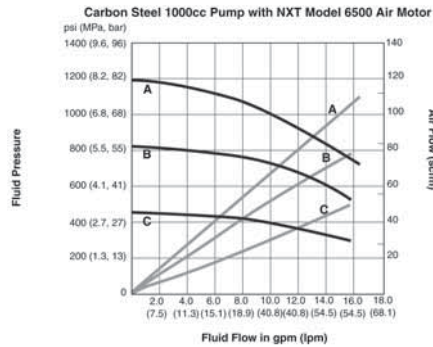
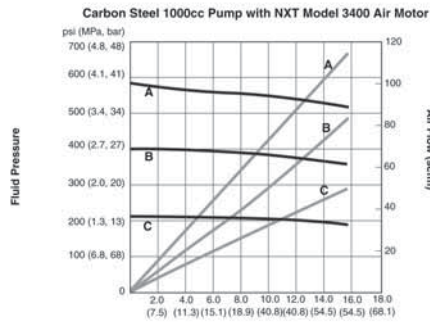
NXT™ High-Flo®

Air-Powered Oil Pumps and Packages

Performance Charts

A = 7 bar (100 psi) air pressure or 105 bar (1500 psi) hydraulic oil pressure
 B = 4.9 bar (70 psi) air pressure or 75 bar (1050 psi) hydraulic oil pressure
 C = 2.8 bar (40 psi) air pressure or 42 bar (600 psi) hydraulic oil pressure

Test Fluid is No. 10 Weight Oil for all pumps



Air-Powered Oil Pumps and Packages

Package Number with DataTrak	247890	247894	247891	247895	
Package Number without DataTrak	24D604	24D608	24D605	—	
Pump Specifications	Ratio	6:1	10:1	12:1	23:1
	Mounting	Wall (255143)			
	Pump with DataTrak and thermal relief kit	24D592	24D595	24D593	—
	Pump w/o DataTrak and thermal relief kit	24D598	24D601	24D599	—
	Output per Cycle	1000cc		580cc	
	Output at 60 CPM*	17.4 gpm (65.9 lpm)		9.2 gpm (34.8 lpm)	
	Motor Size	NXT 3400	NXT 6500	NXT 3400	NXT 6500
	Max. Fluid Pressure	620 psi (42.7, 4.3 bar)	1180 psi (81.3 bar)	1190 psi (82.1 bar)	1725 psi (118.9 bar)
	Max. Air Input Pressure	100 psi (6.9 bar)			75 psi (5.2 bar)
Manuals	System Manual	312862			
	Pump Manual	311833		311826	
	Pump Lower Manual	311717		311825	
	Motor Manual	311238			
Inlet/Outlet	Pump Inlet Size	2 in npt(f)			
	Pump Outlet Size	1 1/2 in npt(m)			
Hoses	3/4 in x 4 ft Air Hose	110048			
	1 in x 6 ft Fluid Hose	115042			

*Graco recommends 20 CPM or less for supply applications