

Binks DX200

Air Operated 1:1 Ratio Diaphragm Pumps

FLUID HANDLING



The Binks DX200 is a high flow rate, air operated, 1:1 ratio, double diaphragm circulation or transfer pump.

The pump features a unique “no crease” diaphragm which gives a significantly extended working life, whilst reducing maintenance down time.

The optional “built-in” fluid regulator delivers a constant and virtually pulse free fluid delivery.

Rugged Construction & Universal Material Compatibility

Available in Aluminium and Stainless Steel to handle a wide variety of fluids

Non-Stall & Quiet Running

A non-stall air valve and integrated muffler provides smooth, quiet running

Extended Service Intervals & Zero Leakage

Bonded PTFE diaphragm is more flexible, removing the need for mechanical seals or packings, extending service intervals

Consistent Fluid Delivery

Unique “no-crease” diaphragm design and “built-in” fluid regulator ensures a consistent pressure output and significantly reduced pulsation

Pumps Shear-Sensitive Materials

Low internal velocities and gentle pumping action does not shear coatings

Fast & Easy Servicing

Pump body provides unobstructed access to air valve and diaphragms for fast and easy maintenance without the need to dismantle the pump

This removes the expense and complications of an additional fluid regulator or surge chamber.

The DX200 range features bare pumps and multiple outfits. DX200 is self-priming and perfect for use with all types of spray gun technologies including, Conventional, Compliant Trans-Tech®, HVLP, LVLP and low pressure Electrostatic guns.



MARKETS AND APPLICATIONS

- Wood-Stains, Lacquers & Varnishes
- Primers, Sealers & Catalysed Lacquers
- Solvent OR Waterborne Coatings
- Adhesives & Fillers
- Plus many others...

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Air Operated 1:1 Ratio Diaphragm Pumps



Easy To Use

Outfits include clearly identified air regulators which can independently control the pump, fluid delivery pressures and spray gun.

Save Costs

The "built in" fluid regulator can save money compared to competitive products. Low internal pump volumes minimise fluid wastage during flushes.

Mounting Options

Pump outfits include a mounting option and are fitted with a flexible suction wand and suction strainer on the vertical bottom inlet. A rigid suction tube is used when pail mounted. The unregulated model has a vertical top outlet, while the fluid regulated model is a front horizontal outlet.

Easy To Service

The end cap and air valve cover fixings are unobstructed and can be removed with a single tool, enabling pump maintenance to be performed wherever it is located.



DX200 PUMP SPECIFICATION (BARE PUMP)

Ratio	1:1
Max Air Pressure	7.0 bar (100 psi)
Max Fluid Pressure	7.0 bar (100 psi)
Nominal Flow Volume / Cycle	0.20 Litres (0.05 US Gall)
Fluid Output @ 60 Cycles/Min	12 l/min (3.17 US Gall/min)
Max Recommended Continuous Cycle Rate	25 Cycles /min
Max Recommended Intermittent Cycle Rate	60 Cycles /min
Inlet Fluid Connection DX200A*/DX200S*	3/4" / 1/2" BSPP Female
Outlet Fluid Connection DX200A*/DX200S*	3/4" / 1/2" BSPP Female
Maximum Dry/Wet Lift (Head)	4.6m (15.1ft) / 7.5m (24.6ft)
Air Inlet	G1/4" (BSPP) Female
Fluid Regulator Pilot	Ø4 mm Tube
Air Volume / cycle @ 6.9 Bar/100psi	2.83l (0.1 SCFM)
Air Flow @ 10 cycles / min 6.9 Bar/100psi	28.3l (1 SCFM)
Air Flow @ 30 cycles / min 6.9Bar/100psi	84.9l (3 SCFM)
Air Quality ISO 8573.1 Class 3.3.2 #	Dirt 5 microns Water -20°C @ 7Bar (940ppm) Oil 0.1mg/m ³ Non Lubricated
Noise Level	71.2 dBA Leq
Weight - Bare Pump DX200A*/DX200S*	9.5Kg (20.94lbs) / 8.05Kg (17.75lbs)

DX200 Ordering Information

DX200 A B - C
Bare Pump

DX200 A B C - D E
Outfit (No Gun and Hoses)

A PUMP BODY	B FLUID REGULATOR
A = Aluminium	N = No Regulator
S = Stainless Steel	R = With Regulator
	P = Surge Chamber <i>DX200S Only</i>
C OUTLET OPTION	D MOUNTING TYPE
= No Regulator <i>Leave blank</i>	W = Wall
1 = 1 Regulator <i>DX200*N only</i>	T = Tripod
2 = 2 Regulators <i>DX200R* only</i>	C = Cart
3 = 3 Regulators <i>DX200R* only</i>	P = Pail
E OPTIONS	
= No Option <i>Leave blank</i>	<i>Pail Mount only</i>
A = Agitator	



"Built-in" fluid regulator saves money compared with competitive products.



A fluid filter is available on the aluminium model.



Stainless Steel model with Surge Chamber (for applications where fluid filter will shear fluid). Order DX200SP.



Binks DX Series 5-Year Warranty

Binks® warrants to the original end-use purchaser that the Binks branded products "DX" shall not fail under normal use and service due to a defect in material or workmanship within five (5) years from the date of shipment from Binks. Does not include normal wear and tear parts.

For further technical information refer to the Binks DX200 Diaphragm Pump Service Bulletins.



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Carlisle Fluid Technologies US
16430 N. Scottsdale Road, Suite 450
Scottsdale, AZ 85254

Tel: 1-800-992-4657
Fax: 1-877-790-6965
Email: ghcustserv@carlisleft.com