

BINKS DX200

Air Operated 1:1 Ratio Diaphragm Pumps

DX200 is designed specifically for finishing applications requiring multi-spray gun usage, or while transferring or circulating up to 5 l/pm of high to low viscosity materials.



BINKS[®]



The DX200 is a high flow rate, air operated 1:1 ratio, double diaphragm circulation or transfer pump specifically developed for the direct supply of paints and materials to spray guns.

The pump features a unique “no crease” diaphragm shape for a long and durable working life. Users can opt for the “built-in” fluid regulator which ensures a constant and virtually pulse free fluid delivery, enabling direct connection to spray guns without the expense and complications of an additional fluid regulator or surge chamber.

The DX200 range features bare pumps and a choice of 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.

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 Life & Zero Leakage

Bonded PTFE diaphragm is more flexible, removing mechanical seals or packings, which means an extended service life

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 dismount the pump

Typical Applications

- Joinery/Furniture & Woodworking
- Aerospace / Aviation
- Agricultural & Off Road Vehicles
- Marine Industry
- Truck/Trailer & Chassis Makers
- Rail, Bus & Transport
- Plus many others...

Suitable For These Materials

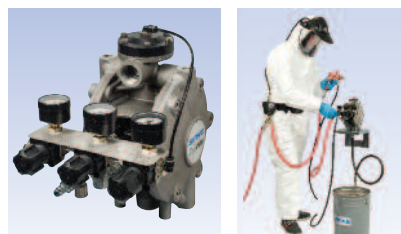
- Wood-Stains, Lacquers & Varnishes
- Primers, Sealers & Catalysed Lacquers
- Solvent OR Waterborne Coatings
- Adhesives & Fillers
- Plus many others...

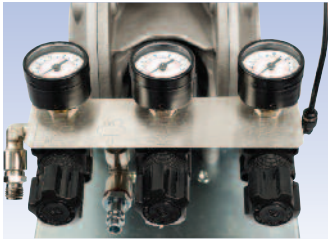
Models shown (left to right):

DX200AN
DX200AR3-T
DX200AR-3
DX200AN1-VV
DX200AN-1

BINKS
DX200

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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.



Unregulated DX200 provides users with a vertical fluid 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.



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



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



A range of connectors are available to allow connection of the pump inlet/outlet to different system connections.

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	3/4" BSPP Female
Outlet Fluid Connection	3/4" 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 Tube
Air Volume / cycle @ 6.9Bar/100psi	2.83l (0.1 SCFM)
Air Flow @ 10 cycles / min 6.9Bar/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/m³ Non Lubricated
Noise Level	71.2 dBA Leq
Weight - Bare Pump	9.5Kg (20.94 lbs)

DX200 Ordering Information

DX200 A B - C		DX200 A B C - D E	
Bare Pump		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	DX200S Only
C MOUNTING TYPE		D MOUNTING TYPE	
= No Regulator	Leave blank	W = Wall	
1 = 1 Regulator	DX200*N Only	T = Tripod	
2 = 2 Regulators	DX200*R Only	C = Cart	
3 = 3 Regulators	DX200*R Only	P = Pail	
E OPTIONS			
= No Option			Leave blank
A = Agitator			Pail Mount Only



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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