

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 5L/pm of high to low viscosity materials.

Features

- **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



Description

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 selfpriming and perfect for use with ALL TYPES of spray gun technologies including, Conventional, Compliant Trans-Tech®, HVLP, LVLP and low pressure Electrostatic guns.



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...

BINKS DX200 Air Operated 1:1 Ratio Diaphragm Pumps

DX200 Pump Specification (Bare Pump)

Ratio	1:1
Max Air Pressure	0.7.MPa (100 psi)
Max Fluid Pressure	0.7.MPa (100 psi)s
Nominal Flow Volume / Cycle	0.2L (200cc)
Fluid Output @ 60 Cycles/Min	12L /min (3.17 US Gall/min)
Max Recommended Continuous Cycle Rate	25Cycles /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 (Dry) / 7.5m (Wet)
Air Inlet	G1/4" (BSPP) Female
Fluid Regulator Pilot	Ø4 Tube
Air Volume / cycle @ 0.69MPa/100psi	2.83L (0.1 SCFM)
Air Flow @ 10 cycles / min 0.69MPa/100psi	28.3L (1 SCFM)
Air Flow @ 30 cycles / min 0.69MPa/100psi	84.9L (3 SCFM)
Air Quality ISO 8573.1 Class 3.3.2 #	Dirt 5 microns Water -20°C @ 0.7MPa(940ppm) Oil 0.1mg/m³ Non Lubricated
Noise Level	71.2 dBA Leq
Weight - Bare Pump	9.5Kg (20.94 lbs)

DX200 Ordering Information

Bare Pump

DX200 **A B - C**

Outfit (No Gun and Hoses)

DX200 **A B C - D E**

A PUMP BODY

A = Aluminium

S = Stainless Steel

B FLUID REGULATOR

N = No Regulator

R = With Regulator

P = Surge Chamber

DX200S Only

C MOUNTING TYPE

= No Regulator Leave blank

1 = 1 Regulator DX200*N Only

2 = 2 Regulators DX200*R Only

3 = 3 Regulators DX200*R Only

D MOUNTING TYPE

W = Wall

T = Tripod

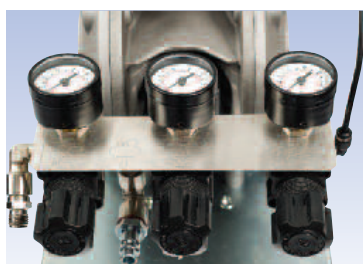
C = Cart

P = Pail

E OPTIONS

= No Option Leave blank

A = Agitator Pail Mount Only



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.



"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.

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