

BX25P



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Suction cup with 2½ bellows

- Suitable for level adjustment and for uneven and porous surfaces such as cardboard, etc.
- Dual hardness allowing strength and stability in conjunction with softness and flexibility.
- DURAFLEX® material features the elasticity of rubber in combination with the wear resistance of polyurethane.
- The DURAFLEX® material is mark-free.
- Filter disk made of polyester PES4/14 and TPE.

Lifting forces & Technical data

Material	Outer Dia in	Lifting force vertical to the surface, lbf, at vacuum level			Lifting force parallel to the surface, lbf, at vacuum level			Volume in ³	Min. curve radius in	Max. vertical movement in	Weight rubber part oz
		6 - inHg	18 - inHg	27 - inHg	6 -inHg	18 -inHg	27 -inHg				
PU30°/60°	1.02	1.80	2.92	4.05	1.12*	2.25*	2.70*	0.18	0.31	0.33	0.11
PU60°	1.02	2.02	3.15	4.05	1.57*	2.47*	3.37*	0.18	0.31	0.33	0.11

*The suction cup is not intended for handling shear lifts. The values are given as a dimensioning guide to be used when, e.g., the acceleration/retardation causes shear forces.

Material specifications

Material	Color	Hardness °Shore A	Temperature range °F
Polyurethane, PU30	Yellow transparent	30	50–122
Polyurethane, PU60	Green transparent	60	50–122

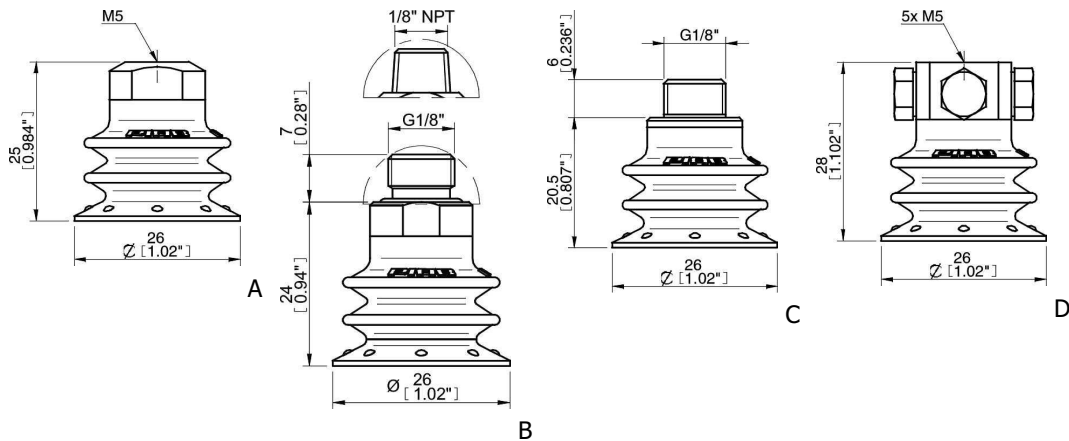
Material resistance

Wear resistance	Oil	Weather & ozone	Hydrolysis	Gasoline	Concentrated acids	Ethanol	Methanol	Oxidation
Excellent	Excellent	Excellent	Fair	Fair	Fair	Fair	Poor	Poor

Spare Part	Material	Temperature range °F	Part No.
Suction cup filter BX25P, 10 pcs	Polyester/TPE	-40-194	02.01.000

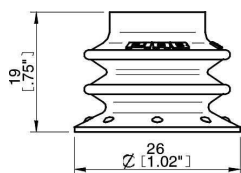
Ordering information

	Suction cups with fitting	Weight (oz)	Part No.
A	Suction cup BX25P Polyurethane 30/60 with filter, M5 female	0.22	BX25P.4K.02AA.F
B	Suction cup BX25P Polyurethane 30/60 with filter, G1/8" male with mesh filter	0.22	BX25P.4K.02AB.F
B	Suction cup BX25P Polyurethane 30/60 with filter, G1/8" male, with dual flow control valve	0.22	BX25P.4K.02DB.F
B	Suction cup BX25P Polyurethane 30/60 with filter, 1/8" NPT male with mesh filter	0.22	BX25P.4K.02AC.F
B	Suction cup BX25P Polyurethane 30/60 with filter, 1/8" NPT male, with dual flow control valve	0.22	BX25P.4K.02DC.F
C	Suction cup BX25P Polyurethane 30/60 with filter, G1/8" male / M5 female	0.18	BX25P.4K.02AD.F
C	Suction cup BX25P Polyurethane 30/60 with filter, G1/8" male / M5 female, with mesh filter	0.18	BX25P.4K.02AF.F
C	Suction cup BX25P Polyurethane 30/60 with filter, G1/8" male / M5 female, with dual flow control valve	0.18	BX25P.4K.02DD.F
D	Suction cup BX25P Polyurethane 30/60 with filter, 5xM5 female	0.46	BX25P.4K.02AE.F
A	Suction cup BX25P Polyurethane 60 with filter, M5 female	0.22	BX25P.4E.02AA.F
B	Suction cup BX25P Polyurethane 60 with filter, G1/8" male, with mesh filter	0.22	BX25P.4E.02AB.F
B	Suction cup BX25P Polyurethane 60 with filter, G1/8" male, with dual flow control valve	0.22	BX25P.4E.02DB.F
B	Suction cup BX25P Polyurethane 60 with filter, 1/8" NPT male with mesh filter	0.22	BX25P.4E.02AC.F
B	Suction cup BX25P Polyurethane 60 with filter, 1/8" NPT male, with dual flow control valve	0.22	BX25P.4E.02DC.F
C	Suction cup BX25P Polyurethane 60 with filter, G1/8" male / M5 female	0.18	BX25P.4E.02AD.F
C	Suction cup BX25P Polyurethane 60 with filter, G1/8" male / M5 female, with mesh filter	0.18	BX25P.4E.02AF.F
D	Suction cup BX25P Polyurethane 60 with filter, 5xM5 female	0.46	BX25P.4E.02AE.F



Rubber parts

	Part No.
Suction cup BX25P Polyurethane 30/60, with filter	BX25P.4K.F
Suction cup BX25P Polyurethane 60, with filter	BX25P.4E.F



Fittings

	Part No.
Fitting M5 female	02AA

Fitting M5 female, with dual flow control valve	02DA
Fitting G1/8" male, with mesh filter	02AB
Fitting G1/8" male, with mesh filter and dual flow control valve	02DB
Fitting 1/8" NPT male, with mesh filter	02AC
Fitting 1/8" NPT male, with dual flow control valve	02DC
Fitting G1/8" male/M5 female	02AD
Fitting G1/8" male/M5 female, with mesh filter	02AF
Fitting G1/8" male/M5 female, with dual flow control valve	02DD
Fitting 5xM5 female	02AE
Fitting 5xM5 female, with dual flow control valve	02DE