

## Suction Cups

### HXB

1.5 Fold the corrugated suction cup for oil-based sheet metal

**HANWHA**



Long life



Camber



Anti-slip



Metal



Oil proof

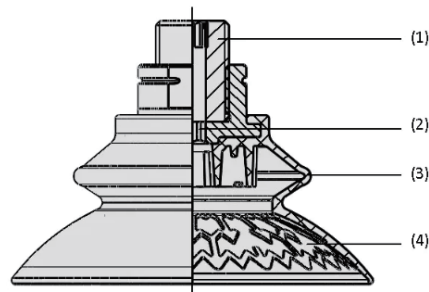
### Product characteristics

- \* Large suction cup stroke, good flexib
- \* The lightweight design of the mold is ideal for high-speed applications
- \* The top of the sucker has reinforcing ribs and a large area of internal support structure
- \* Modular design, each part can be separated and quickly replaced
- \* Complete size specifications



### Product structure

- \* Lightweight round bell suction cups with flexible sealing lip and optimal internal structure (3)
- \* Sucker elastic wear-resistant material (HX)
- \* Vulcanized joint made of reinforced plastic (high strength) (1)
- \* Key surface, easy to install (2)
- \* Available as assembled suckers with various connection types



### Product advantages

- \* Easy to fit workpiece with different shape surface
- \* Long life, and its wear resistance, ozone resistance, oil resistance to effectively improve the grasp of the workpiece Lateral friction
- \* Each component can be recycled
- \* Suitable for various sizes and shapes of workpieces



\*Examples of HXF suction cup handling curved workpiece surfaces

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### HXB Ordering NO

HXB	40	FG01	HX
1	2	3	4

1-Series		2-Diameter		3-Screw thread	
HXB	suction cup	40~60	φ40~60mm	F Internal thread	G02-G1/4
					G03-G3/8
				M External thread	G02-G1/4
					G03-G3/8
4-Material <sup>(1)</sup>					
HX	High-performance				

(1)Other materials can also be made, please contact us



### HXB Models Selection

Models	F-G02-G1/4	F-G03-G3/8	M-G02-G1/4	M-G03-G3/8
HXB-40	◎		◎	
HXB-50		◎		◎
HXB-60		◎		◎



### HXB Technical Data

Models	Suction [N] <sup>(2)</sup>	Lateral force [N] <sup>(2)</sup>	Oily surface lateral force [N]	Inner volume [cm <sup>3</sup> ]	Weight [g]
HXB-40	42	49	45	8.7	9.8
HXB-50	58	74	78	18.9	11.6
HXB-60	90	107	105	31.9	14.5

(2)The surface of the workpiece is smooth and dry, and the vacuum degree is -60KPa. The above data does not include the safety factor. Depending on the surface condition of the workpiece, the value may change.



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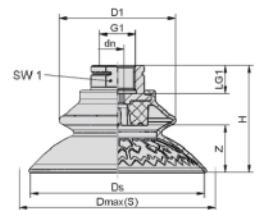
  
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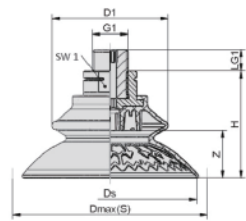
### HXB Design Data



Size[mm]<sup>(3)</sup>

Models	dn	Dmax(S)	DS	D1	G1	H	SW1	Z	LG1
HXB-40-FG02	4.1	44	39.4	33.8	G1/4"	28.8	SW17	9.8	11
HXB-50-FG03	6.1	55	49.6	43.2	G3/8"	36.9	SW22	11.6	13
HXB-60-FG03	6.1	66	59.6	49.4	G3/8"	41.3	SW22	14.5	13

### HXB40-60 Dimension



Size[mm]<sup>(3)</sup>

Models	Dmax(S)	DS	D1	G1	H	SW1	Z	LG1
HXB-40-MG02	44	39.4	33.8	G1/4"	28.8	SW17	9.8	10
HXB-50-MG03	55	49.6	43.2	G3/8"	36.9	SW22	11.6	10
HXB-60-MG03	66	59.6	49.4	G3/8"	41.3	SW22	14.5	10

### HXB40-60 External thread

(3) Compliant with DIN ISO 3302-1 M3 rubber parts allowable dimensional tolerances. Z is the trip