

Suction Cups

HXF

Flat suction cups for oil-based sheet metal

HANWHA



Long life



Camber



Anti-slip



Metal



Oil proof

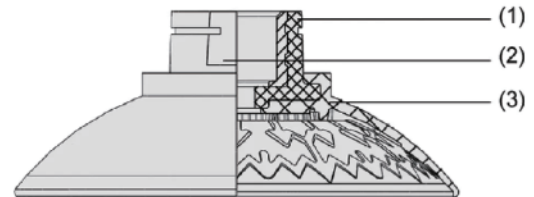
Product characteristics

- * The suction cup has a large stroke and good flexibility
- * 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 oily workpiece surfaces

Suction Cups

HXF

Flat suction cups for oil-based sheet metal



Long life



Camber



anti-slip



Metal



Oil proof



HXF Ordering NO

HXF	40	FG01	HX
1	2	3	4

1-Series	2-Diameter	3-Screw thread
HXF	40~60	F Internal thread
Flat Suction cup	φ40~60mm	M External thread
		G03-G3/8
		G03-G3/8

4-Material ⁽¹⁾
HX High-performance

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



HXF Models Selection

Models	F-G03-G3/8	M-G03-G3/8
HXF-40	☉	☉
HXF-50	☉	☉
HXF-60	☉	☉



HXF Technical Data

Models	Suction [N] ⁽²⁾	Lateral force [N] ⁽²⁾	Oily surface lateral force [N]	Inner volume [cm ³]	Weight [g]
HXF-40	69	49	71	8.5	5.0
HXF-50	109	74	110	15.2	8.5
HXF-60	154	107	155	25.2	11

(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.



Suction Cups

HXF

Flat suction cups for oil-based sheet metal

HANWHA



Long life



Camber



anti-slip



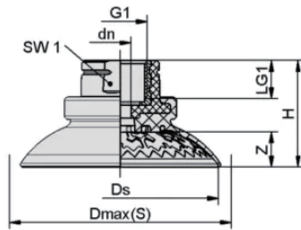
Metal



Oil proof



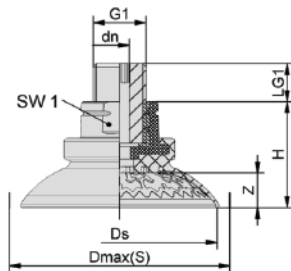
HXF Design Data



Size[mm]⁽³⁾

Models	dn	Dmax(S)	Ds	G1	H	SW1	Z	LG1
HXF-40-FG03	6.75	45.5	41.3	G3/8"	29.3	SW22	7.1	12
HXF-50-FG03	6.75	58.4	51.5	G3/8"	29.6	SW22	8.4	12
HXF-60-FG03	6.75	69.7	61.5	G3/8"	33.4	SW22	10.9	12

HXF40-60 Dimension



Size[mm]⁽³⁾

Models	dn	Dmax(S)	DS	G1	H	SW1	Z	LG1
HXF-40-MG03	6.10	45.5	41.3	G3/8"	29.3	SW22	7.1	12
HXF-50-MG03	6.10	58.4	51.5	G3/8"	29.6	SW22	8.4	12
HXF-60-MG03	6.10	69.7	61.5	G3/8"	33.4	SW22	10.9	12

HXF40-60 External thread

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