

Auxiliary components

Flexible ball joint HKB

HANWHA



Utility

Connecting threads from G1/8 "to G1/2"

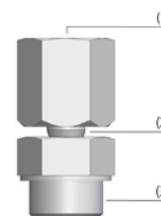
Product characteristics

- *Flexible joint used in conjunction with large-sized suction cups for handling workpieces with inclined surfaces
- *Large size sheets that may experience sagging during handling and lifting (flexible joints prevent sheets from falling off due to unilateral force)
- (For example, wooden or metal plates can be used in conjunction with spring buffer rods to compensate for differences in workpiece height and uneven surfaces)
- *Automatic reset



Product structure

- *The sphere and socket are made of galvanized steel (HKB...) or stainless steel (HKB... A2)
- *Ball and socket (2) with O-ring to prevent vacuum leakage
- *Provide multiple sizes of upper (1) lower (3) connection threads
- *Maximum rotation: 15 °



Product advantages

- *Flexible connection of vacuum suction cups
- *Ball and socket with O-ring seals
- *The fulcrum of the curved part is low



* HKB case

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HKB Ordering NO

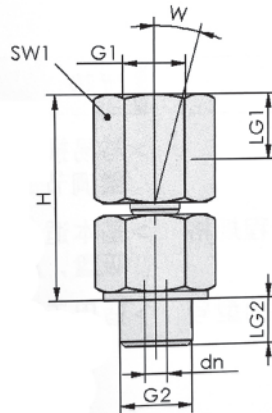
HKB	—	M		G04	—	F	—	G04
1		2		2		3		3

1-Series		2-Threaded		3-Threaded	
HKB	Attachment	F internal thread	G04-G1/2	F internal thread	G04-G1/2
		M external thread	G04-G1/2	M external thread	G04-G1/2

HKB Technical Data

Model	Vertical load[N]	weight[g]
HKB- MG04-FG04	2500	116

HKB Design Data



HKB

model

Size[mm]	dn	G1	G2	H	LG1	LG2	SW1	W[°]
HKB- MG04-FG04	4.0	G1/2" -F	G1/2" -M	40.0	14.0	12	24	15