

August, 2022

Announcement of Design Number Change for FA Pneumatic Hole Clamp (model WKH)



model WKH

Dear Valued Customers,

First of all, thank you very much for your continuous use of our products. Today, please confirm below about the subject.

Notes

Design number [Model number] has been updated as below for product improvement.

1. Model Number

Model Name	Existing Model	After Changing Design No.
FA Pneumatic Hole Clamp	WKH2000	WKH2001

2. Changes and Interchangeability with Existing Item

- Changes in Allowable Offset (Floating Clearance of Expanding Area) 【When Selecting M】

Model No.	WKH2000	WKH2001	
Workpiece Hole Code	060 ~ 140	060 ~ 085	090 ~ 140
Allowable Offset (mm)	±0.2	±0.3	±0.5

- Changes in Specifications : Gripping force and clamping force have been improved by increasing cylinder capacity.

※Please refer to attached 'Changes in Specifications' for further details.

- Changes in Dimensions

- Body outer diameter : Changed from $\phi 54$ to $\phi 55$. (There is no change for □45.)

- Body surface outer diameter : Changed from $\phi 36.5g7 \begin{smallmatrix} -0.009 \\ -0.034 \end{smallmatrix}$ to $\phi 37.5g7 \begin{smallmatrix} -0.009 \\ -0.034 \end{smallmatrix}$.

- Number of $\phi 4.3$ Auto Switch Mounting Slots : Increased from 2 parts (1 surface) to 6 parts (3 surfaces).

- Locating Pin : Changed from $\phi 3$ to $\phi 7.5$. Mounting dimensions are also changed.

(It is not interchangeable with existing item when mounting.)

Mounting bolt positions remain the same. If locating pins are not used, it is interchangeable with existing item.

※Please refer to attached 'Changes in Dimensions' for further details.

3. Schedule

It is going to be changed sequentially from September, 2022.※

(The time may slightly vary depending on stock status.)

Old and new items will not be mixed in one same order.

※Regarding supplying to overseas, the update timing is different, depending on overseas office or dealers.

Please contact our salesperson for further inquiries.

Yours Sincerely
 KOSMEK LTD.

Changes in Specifications

Model No.	Shape of Gripper	WKH2000		WKH2001	
		F : No Serration	S,T : With Serration	F : No Serration	S,T : With Serration
Gripping Force (N)	Air Pressure 0.5MPa	1950		2020	
	Air Pressure 0.4MPa	1600		1660	
	Air Pressure 0.3MPa	1260		1300	
	Air Pressure 0.2MPa	910		940	
	Air Pressure 0MPa	220		220	
	Calculation Formula [※]	$F_H = 3460 \times P + 220$		$F_H = 3600 \times P + 220$	
Clamping Force (Workpiece Pulling Force) (N)	Air Pressure 0.5MPa	185	630	188	660
	Air Pressure 0MPa	10	10	10	10
	Calculation Formula [※]	$F_c = 350 \times P + 10$	$F_c = 1240 \times P + 10$	$F_c = 355 \times P + 10$	$F_c = 1300 \times P + 10$
Cylinder Capacity (Empty Action)	Release Side (cm ³)	8.4		8.9	
	Lock Side (cm ³)	8.0		8.5	

※.F_H: Gripping Force (N), F_c: Clamping Force (N), P: Supply Air Pressure (MPa).

Changes in Dimensions

