FlexiBowl® by ars

FlexiBowl® IP 40 option

Summary

1 FlexiBowl® IP 40 option 3

1.1 Description 3

1.2 Parts list 4

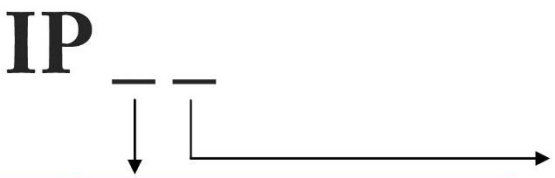
1.3 Use 6

1.4 Installation and Maintenance 6

1 FlexiBowl® IP 40 option

1.1 Description

The IP 40 option can be used with **FlexiBowl®** 500/650/800 models in both Clockwise (C) and Counterclockwise (CC) configurations to protect the device from the ingress of solid objects larger than Ø 1 mm. The kit acts externally on objects such as tools, wires or production waste generated by neighbouring machines. While in the upper part on residues from the fed components**,** e.g. machining swarf or dirt collected during transport to the **FlexiBowl®** system.

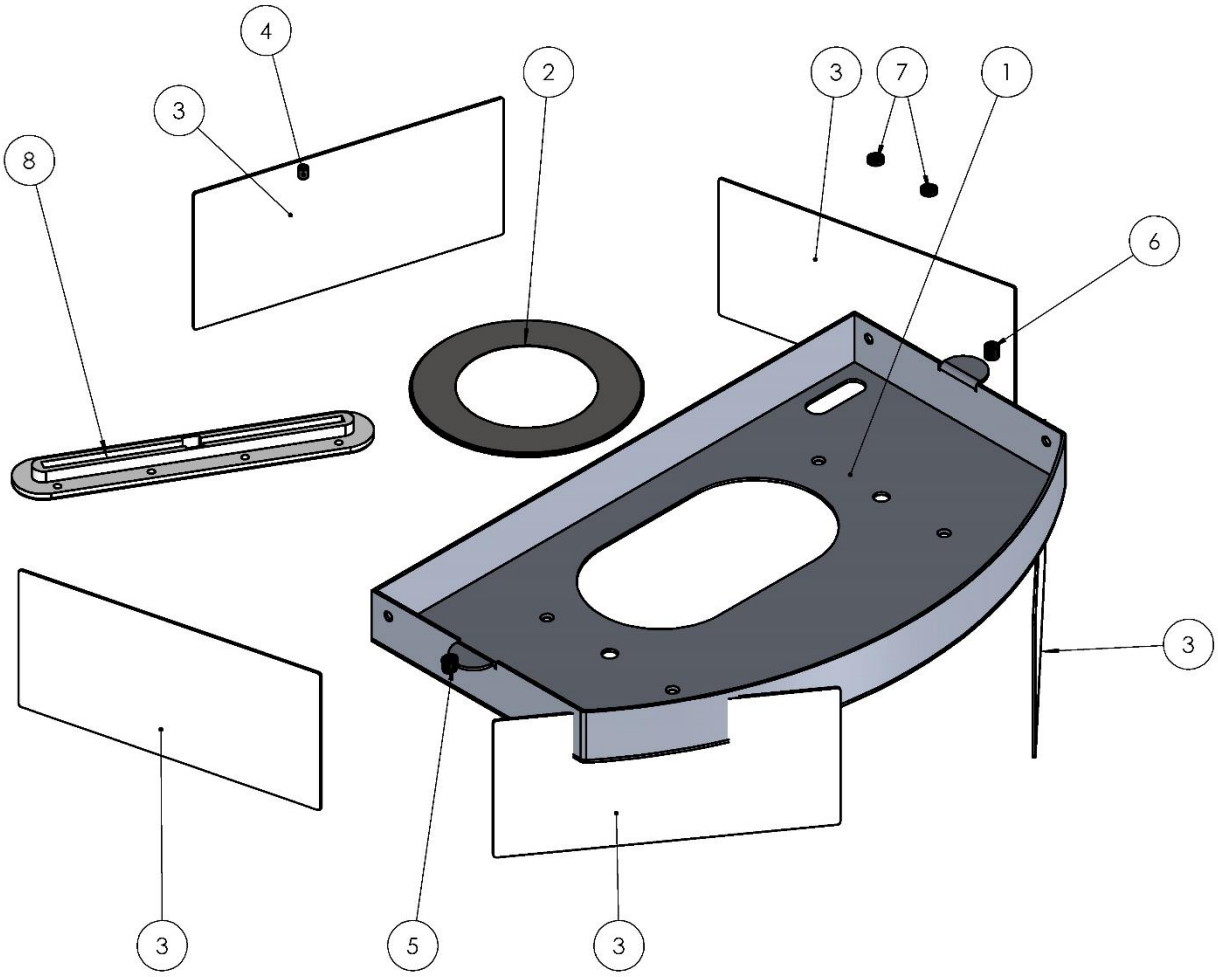


Code	Degree of Protection (Solids)
0	No Protection
1	Protection against large foreign bodies (diameter < 50mm)
2	Protection against medium foreign bodies (diameter < 12.5mm)
3	Protection against small foreign bodies (diameter < 2.5mm)
4	Protection against small foreign bodies (diameter < 1mm)
5	Limited dust ingress protection
6	Total dust ingress protection

Code	Degree of Protection (Liquids)
0	No Protection
1	Protection against vertical water drop
2	Protection against water spray (15° from vertical)
3	Protection against water spray (60° from vertical)
4	Protection against water spray from all directions
5	Protection against low pressure water jets from any angle
6	Protection against high pressure water jets from any angle
7	Protection against water submersion to 1m for 30 min
8	Protection against specific pressure and submersion for long term

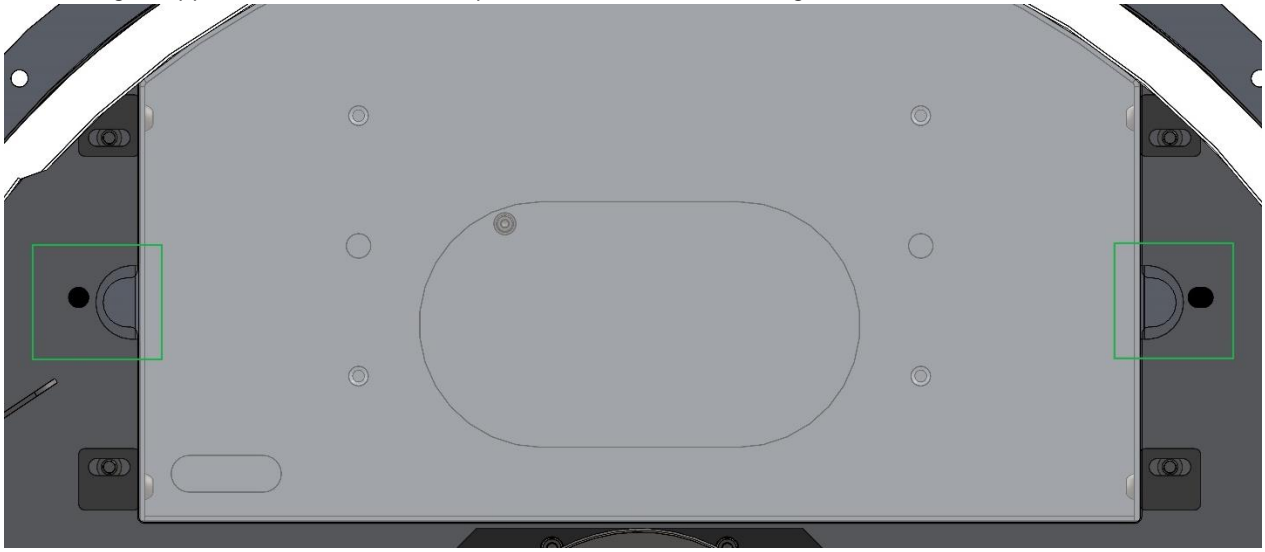
1.2 Parts list

The IP 40 component kit consists of:

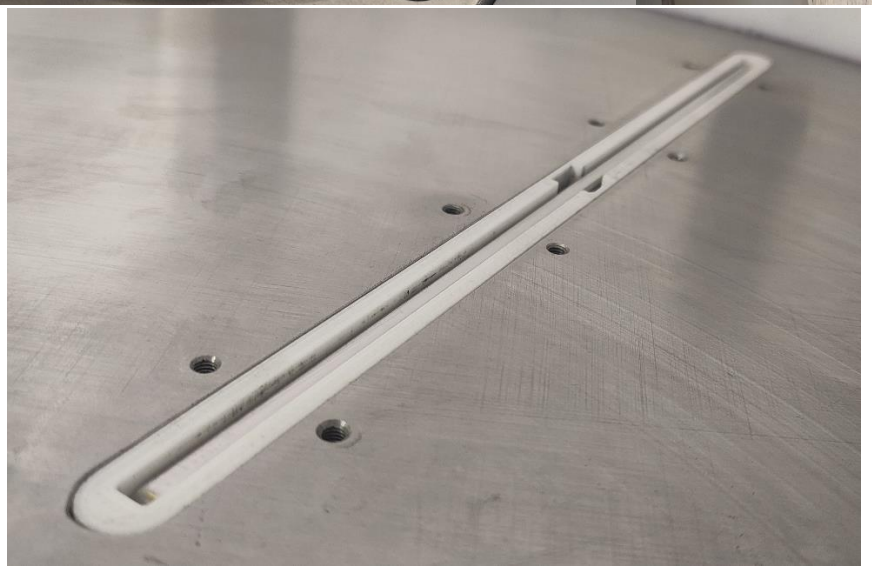


Position	Code	Description	Quantity
1	PD002838	Backlight support	1
2	PD002822	Gasket	1
3	PD002650	Cap	5
4	CM001011	Grub screw M6	1
5	PD002867	Cap	1
6	CM001010	Cap	1
7	CM001009	Cap	2
8	PD003107	Gasket	1

The backlight support (Pos.1) and the two caps (Pos.5/6) isolate the backlight area.



The central gasket (Pos. 2), the flip gasket (Pos. 8) and the two caps (Pos. 7) isolate the rest of the upper part of the device.



The perimeter is protected by the lettering cover strips (Pos.3).

1.3 Use

The IP 40 kit for **FlexiBowl®** does not alter the operation and control of the device, so please refer to the ARS technical documentation of the standard product available at: https://www.flexibowl.it/.

1.4 Installation and Maintenance

The IP 40 option kit for **FlexiBowl®** does not alter the installation and maintenance requirements of the device, so please refer to the ARS technical documentation of the standard product available at: https://www.flexibowl.it/.

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