

# Mating components standards

## Adaptor flange:

In order to simplify ordering and set forward a known standard, we are electing to standardize our holes patterns on the adaptor plate of all BHH actuators as well as the insert.

Actuators will now be supplied with bottom flange connection in accordance with ISO-5211 international standard.

The table below specifies the ISO-5211 standard that will be used for each model of actuator (for optional machining standards available please refer to the Bettis price list).

If preferred, an undrilled bottom mounting flange is also available as a no cost option. When ordering, indicate the ISO-5211 standard in the suffix of the model number, or leave blank for undrilled (e.g. BHH500F10 or BHH500)

Model	ISO 5211
<b>BHH/F125</b>	F5
<b>BHH/F250</b>	F7
<b>BHH/F500</b>	F10
<b>BHH/F1000</b>	F12
<b>BHH/F2000</b>	F14
<b>BHH/F4000</b>	F16
<b>BHH/F8000</b>	F25
<b>BHH/F16000</b>	F30

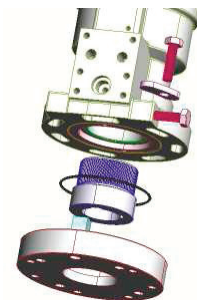
## Inserts :

Also note, that the removable (splined) drive-nut adapter will now be supplied unmachined to allow the customer flexibility in matching valve stem dimensions and direct-mounting if so desired.

The splined adapter will allow machining to the same ISO-5211 standard as the bottom flange, with maximum dimensions as indicated on the attached table.

For factory machining please refer to the Bettis price list.

Model	Maximum Spindel Dimension (mm)	
	Cylindrical	Square
<b>BHH/F125</b>	17	16
<b>BHH/F250</b>	25	24
<b>BHH/F500</b>	35	30
<b>BHH/F1000</b>	42	36
<b>BHH/F2000</b>	58	50
<b>BHH/F4000</b>	74	63
<b>BHH/F8000</b>	95	80
<b>BHH/F16000</b>	100	90



Dimension listed are maximum bore size allowing sufficient wall thickness to accept torque load.

Note: Not Certified dimensional drawings. Such drawings are available on request. Contact factory with correct model designation and serial number.  
Important: Due to Emerson's continuing commitment to engineered product advancement, data presented herein is subject to change.

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USA: +1 281 727 5300 Europe: +31 74 256 1010 Asia-Pacific: +65 6501 4600

