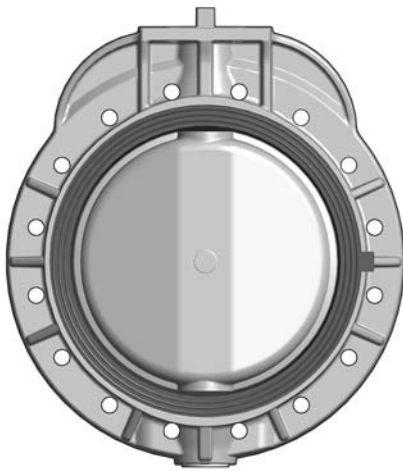




# FKOAM/FM 14"-16"

Butterfly valve with bare shaft and PPH disc - ANSI 150



## Technical specifications

<b>Construction</b>	Bi-directional centric butterfly valve
<b>Size range</b>	DN 350 - 400
<b>Nominal pressure</b>	<b>DN 350:</b> PN 7 with water at 20 °C <b>DN 400:</b> PN 6 with water at 20 °C
<b>Temperature range</b>	0 °C ÷ 100 °C
<b>Coupling standards</b>	<b>Flanging system:</b> ASTM B 16.5 cl.150
<b>Reference standards</b>	<b>Construction criteria:</b> EN ISO 16136, EN ISO 15494 <b>Test methods and requirements:</b> ISO 9393 <b>Actuator couplings:</b> ISO 5211
<b>Valve material</b>	<b>Body:</b> PP-GR <b>Disk:</b> PPH <b>Shaft:</b> STAINLESS steel AISI 316
<b>Seal material</b>	<b>Liner:</b> EPDM, FPM.
<b>Control options</b>	Gearbox, pneumatic actuator, electric actuator

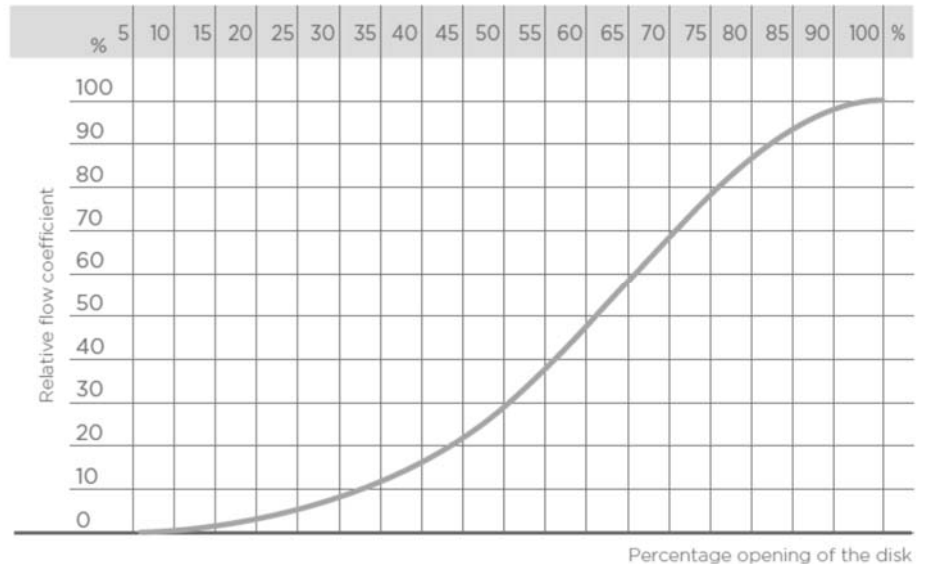
### KV100 FLOW COEFFICIENT

The Kv100 flow coefficient is the Q flow rate of litres per minute of water at a temperature of 20°C that will generate  $\Delta p = 1$  bar pressure drop with the valve completely open.

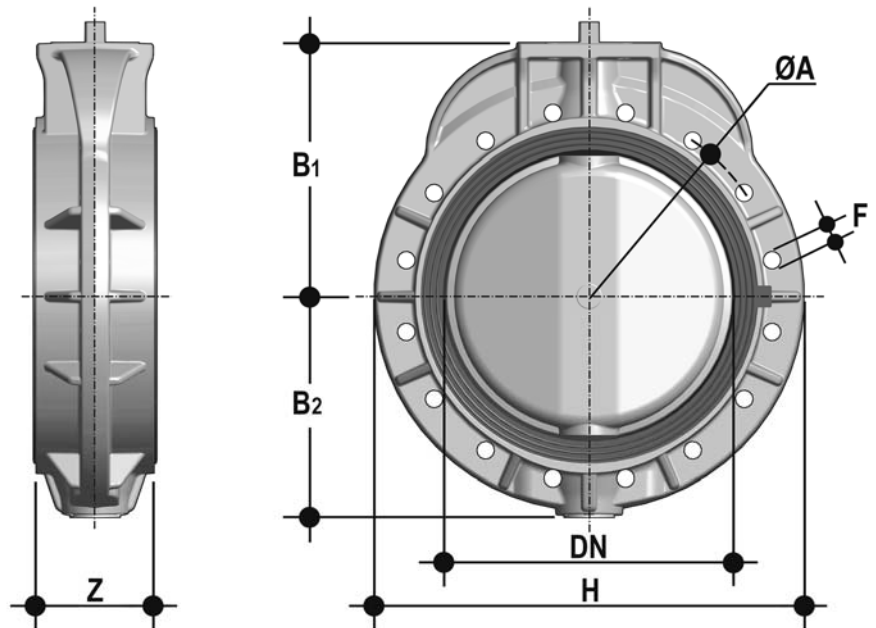
DN	350	400
K <sub>v</sub> 100 l/min	94.100	124.900

### RELATIVE FLOW COEFFICIENT DIAGRAM

The relative flow coefficient is the flow rate through the valve as a function of the degree of valve aperture. completely open.



## DIMENSIONS

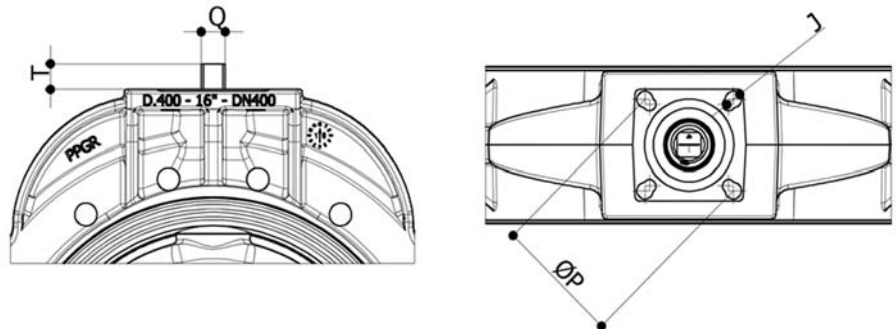


Size	DN	PN	ØA	B1	B2	f	H	U	Z	g	EPDM Code	FPM Code
14"	350	7	476,3	330	280	28,5	530	12	129	23000	FKOAMFM814E	FKOAMFM814F
16"	400	6	539,7	350	306	28,5	594	16	169	30100	FKOAMFM816E	FKOAMFM816F

U = Number of holes  
g = weight in grams

### ACTUATOR MOUNTING FLANGE

The valve can be equipped with standard pneumatic or electric actuators and gearbox for heavy-duty operations, using a flange in PP-GR reproducing the drilling pattern provided for by standard ISO 5211.



Size	DN	J	ØP	ISO 5211	T	Q	MAX TORQUE
14"	350	14-18	125 / 140	F12 / F14	29	27	480 Nm
16"	400	14-18	125 / 140	F12 / F14	29	27	625 Nm