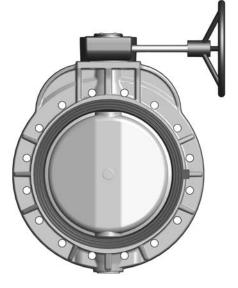


# FKOAV/RM 14"- 16" ANSI 150

Gearbox operated Butterfly valve and PVCU disc





Technical specification	ations					
Construction	Bi-directional centric butterfly valve					
Size range	DN 350 - 400					
Nominal	DN 350: PN 7 with water at 20 °C					
pressure	DN 400: PN 6 with water at 20 °C					
Temperature	0 °C ÷ 60 °C					
range						
Coupling	Flanging system: ASTM B16.5 CI.150					
standards						
Reference	Construction criteria: EN ISO 16135, EN ISO 1452,					
standards	EN ISO 15493					
	Test methods and requirements: ISO 9393					
	Actuator couplings: ISO 5211					
Valve material	Body: PP-GR					
	Disk: PVC-U					
	Shaft: STAINLESS steel AISI 316					
Seal material	Liner: EPDM (ACS-NSF61), FPM.					

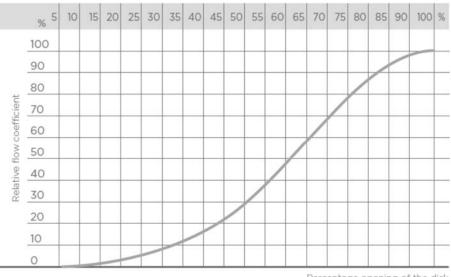
### **KV100 FLOW COEFFICIENT**

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.

# 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.

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



Percentage opening of the disk

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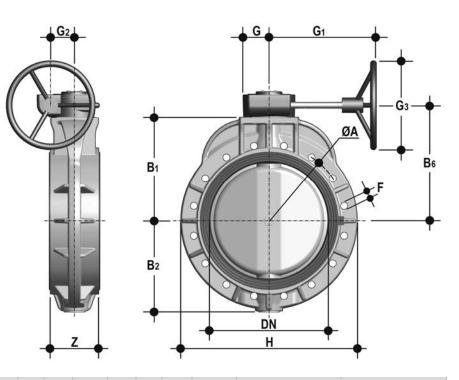


## FKOAV/RM 14"- 16" ANSI 150

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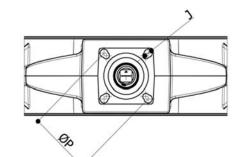
Gearbox operated Butterfly valve and PVCU disc

#### DIMENSIONS



Size	DN	PN	ØA	B1	B2	<b>B6</b>	G	G1	G2	G3	f	н	U	z	g	EPDM Code	FPM Code
14"	350	7	476,3	330	280	390	88	361	80	300	28,5	530	12	129	34450	FKOAVRM814E	FKOAVRM814F
16"	400	6	539,7	350	306	390	88	361	80	300	28,5	594	16	169	42450	FKOAVRM816E	FKOAVRM816F
																ı	<b>U</b> = Number of holes

**g** = weight in grams



Size	DN	J	ØP	ISO 5211	т	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

## HYGIENIC APPROVALS

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 pro-

vided for by standard ISO 5211.

FIP PVC-U/EPDM butterfly valves are certified as suitable for coming into contact with water intended for human consumption according to the Attestation de conformité sanitaire (ACS) and to the NSF/ANSI Standard 61 - Drinking Water System Components - Health Effects

CONFORMITE SANITAIR CONFORMITE SANITAIR MOLIVISALIA ACS	NSF.
	Certified to NSF/ANSI 61

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