



**MIX S.r.l.**  
MIXING SYSTEMS  
COMPONENTS FOR

# Technical data sheet

Interception



ATEX RANGE AVAILABLE

# Butterfly Valve Combination table



**Identification**  
**N:** Standard  
**A:** Atex II 2/3D Ex h IIIB T100°C Db/Dc X

**Classification**  
**MSD**  
**Nominal diameter**  
**100 - 150 - 200 - 250**  
**300 - 350 - 400**

**Shaft**  
**A2:** Square drive shaft  
ISO 5211  
**C2:** Splined drive shaft  
DIN 5482  
**K2:** Extended square drive shaft  
ISO 5211  
**L2:** Extended splined drive shaft  
DIN 5482

**Seal**  
**A:** Standard powder seal in atmospheric pressure  
**B:** Seal tested to 0,2 bar over/under pressure  
(tested at ambient temperature)  
Note: SVA 350 - SVA 400 excluded

**Closing Disk and profile of the seal**  
**6:** closing disk in aluminium alloy, low seal  
**7:** closing disk in stainless steel AISI304, low seal  
**8:** closing disk in stainless steel AISI304, high seal, covering the inside of the body and the flanges  
**9:** closing disk in aluminium alloy, high seal, covering the inside of the body and the flanges

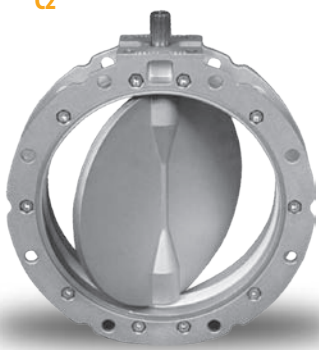
MATERIAL OF THE SEAL AND WORKING TEMPERATURES					
VERSION	MATERIAL	COLOR	PROFILE	STANDARD	ATEX
1	NBR	White	High / Low	-20°C / + 100°C	-20°C / + 100°C
2	NBR Certificate FDA		High	-20°C / + 100°C	
5	HNBR-THERBAN	Black	High / Low	-25°C / + 150°C*	
9	NBR Certificate 1935/2004**	White	High	-20°C / + 100°C	

\* Possibility of range -25°C / +230°C with specific construction solutions IL0945 applicable only for extended drive shaft versions and Viton seal  
\*\* Valve with Declaration of conformity for food contact according to Regulations (EC) n. 1935/2004 and 2023/2006

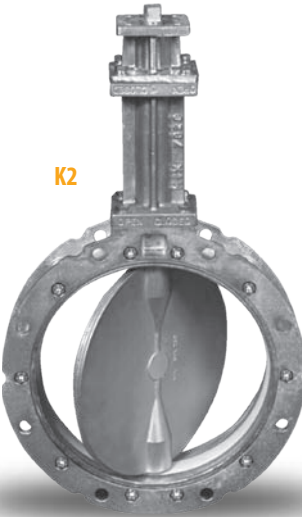
Fig.01



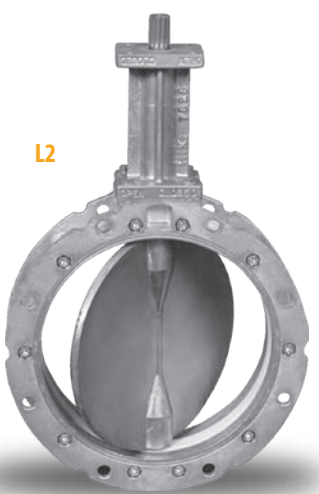
C2



K2



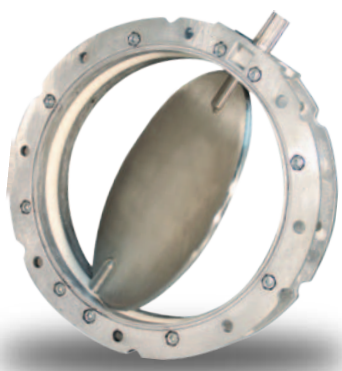
L2



Seal covering the whole inside body and the flanges "HIGH"

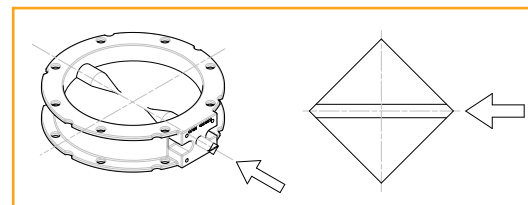
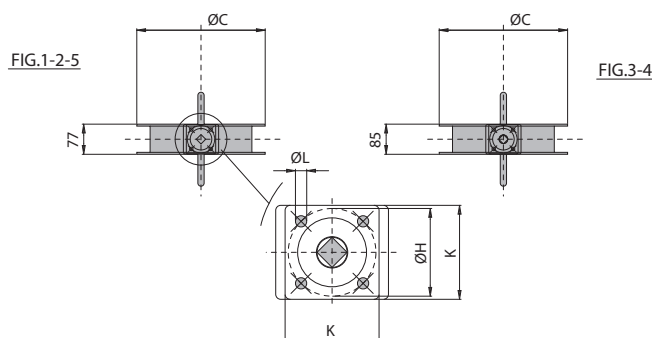


Seal only in the closing area of the disk "LOW"

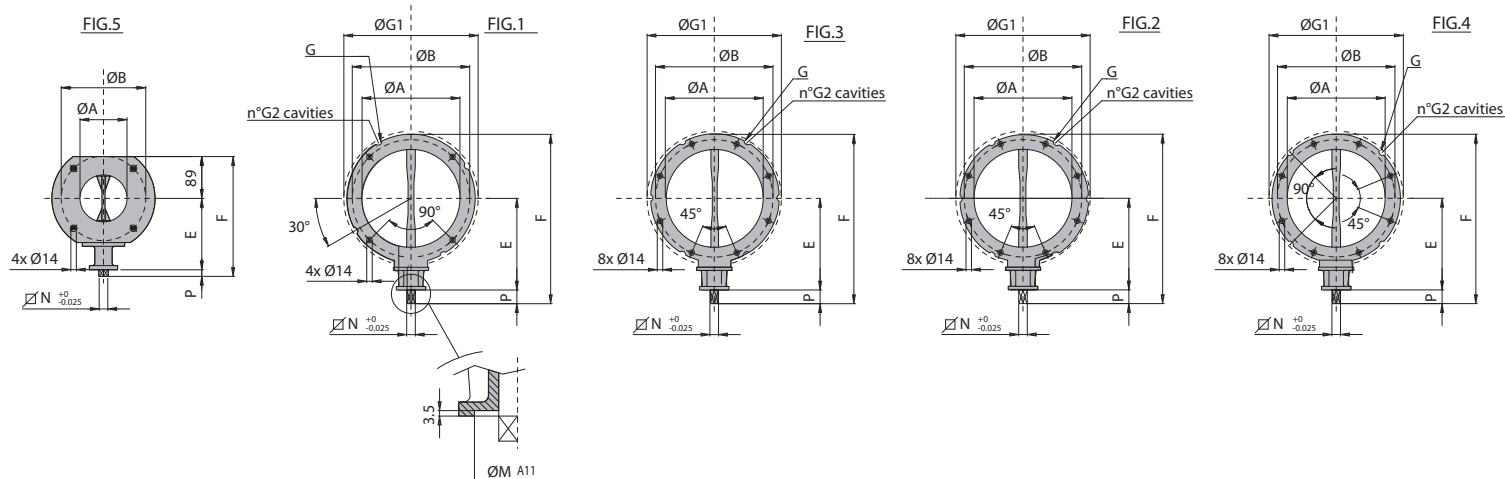


# Dimensions

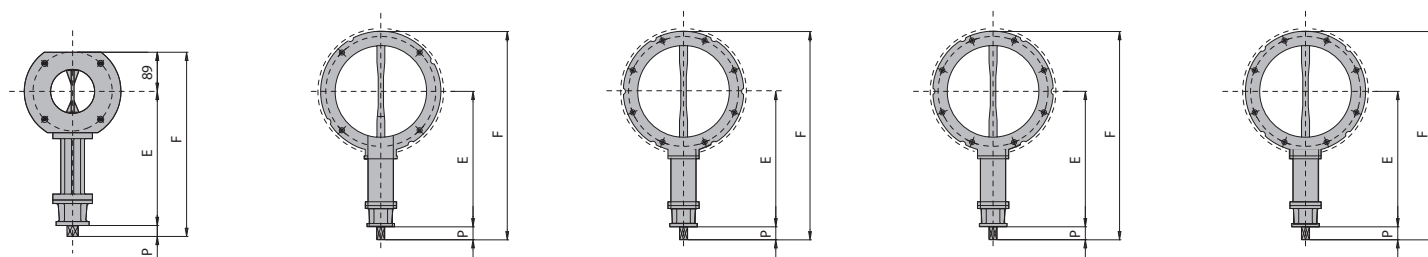
## .-SVAH...A2... / .-SVAH...K2...



### Square drive shaft



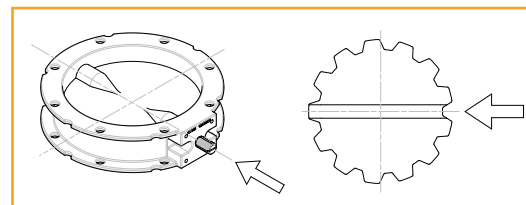
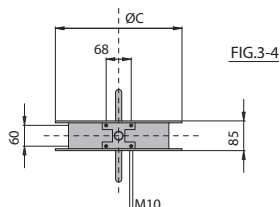
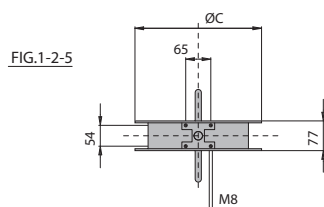
### Extended square drive shaft



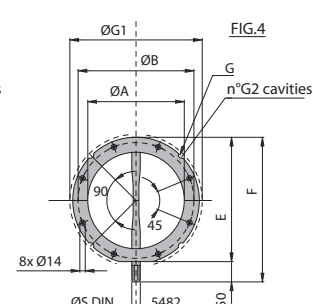
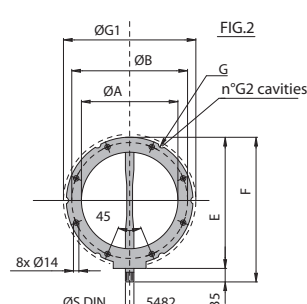
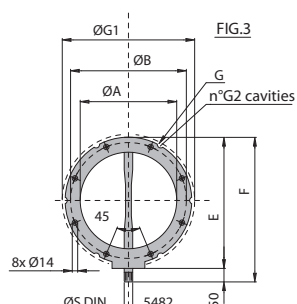
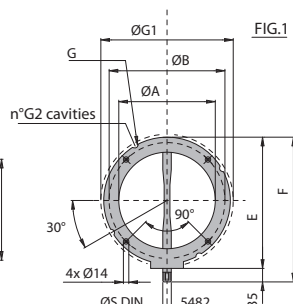
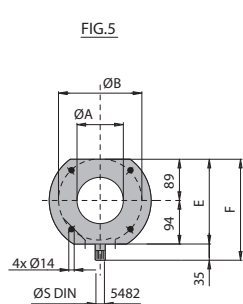
			.-SVAH....2...																A2...			K2...		
TYPE	Inch	mm	Fig.	ISO	A	B	C	G	G1	G2	PN	ND	H	K	L	M	N	P	E	F	kg	E	F	kg
.-SVAH100.2...	4"	100	5	F05	100	180	220	/	/	/	10	10	50	60	7	35	14	14	152	255	5	306	409	6,3
.-SVAH150.2...	6"	150	1	F07	150	200	228	9	225	4	6	6	70	75	9	55	17	16	177	307	5,5	331	461	6,8
.-SVAH200.2...	8"	200	1	F07	200	250	278	9	280	4	6	6	70	75	9	55	17	16	202	356	7,5	356	510	8,8
.-SVAH250.2...	10"	250	2	F07	250	300	328	9	335	6	6	6	70	75	9	55	17	16	227	406	8,5	381	560	9,8
.-SVAH300.2...	12"	300	2	F07	300	350	378	11	395	6	6	6	70	75	9	55	17	16	252	456	11,5	406	610	12,8
.-SVAH350.2...	14"	350	3	F10	350	400	440	11	445	6	6	6	102	105	11	70	22	25	289	534	20	489	735	21,8
.-SVAH400.2...	16"	400	4	F10	400	470	530	12,5	515	4	10	10	102	105	11	70	22	25	314	604	23	514	804	24,8

# Dimensions

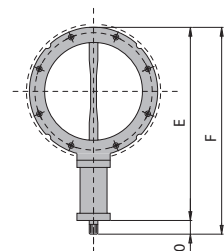
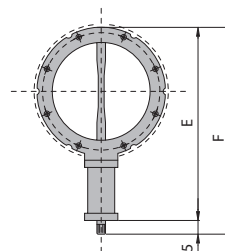
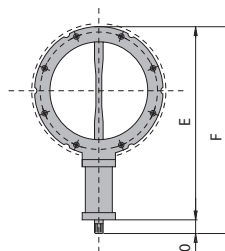
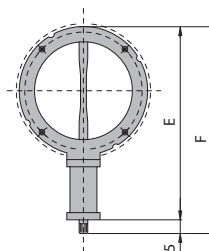
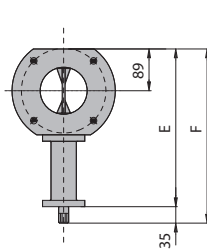
## .-SVAH...C2... / .-SVAH...L2...



### Splined drive shaft



### Extended splined drive shaft



			.-SVAH...2...										C2...			L2...		
TYPE	Inch	mm	Fig.	A	B	C	G	G1	G2	PN	ND	S	E	F	kg	E	F	kg
.-SVAH100.2...	4"	100	5	100	180	220	/	/	/	PN10	ND10	22x19	183	218	4,5	337	372	5,8
.-SVAH150.2...	6"	150	1	150	200	228	9	225	4	PN6	ND6	22x19	233	268	5	387	422	6,3
.-SVAH200.2...	8"	200	1	200	250	278	9	280	4	PN6	ND6	22x19	282	317	7	436	471	8,3
.-SVAH250.2...	10"	250	2	250	300	328	9	335	6	PN6	ND6	22x19	332	367	8	486	521	9,3
.-SVAH300.2...	12"	300	2	300	350	378	11	395	6	PN6	ND6	22x19	382	417	11	536	571	12,3
.-SVAH350.2...	14"	350	3	350	400	440	11	445	6	PN6	ND6	28x25	439	489	20	639	689	22,3
.-SVAH400.2...	16"	400	4	400	470	530	12,5	515	4	PN10	ND10	28x25	509	559	23	709	759	25,4