











# FIP THERMOPLASTIC VALVE RANGE









# **PVC**

# **PVC (Polyvinyl chloride)**

Series of fittings designed for conveying fluids under pressure with a cold chemical weld jointing system (solvent welding) using a suitable solvent cement and cleaner-primer.





# **POLYPROPYLENE**

PP is a synthetic resign built up by the polymerization of propylene. One of the important family members of the Polyolefin resigns, polypropylene is a tough, flexible, and light weight and Can Handle temperature of -5 to 90 deg C.



# **PVDF**

**PVDF** is an extremely pure polymer which, compares to many other plastics, does not contain any stabilizers, UV thermostabilizers, plasticizers, lubricants or flame retarding additives. It's particularly suitable for conveying highly aggressive media such as Hydrochloric acid or Sulphuric acid. The temperature range of PVDF is 20 to 120 deg C.



# **Unplasticized Polyvinyl Chloride (U-PVC) VALVES**



The U-PVC range includes ball valves, butterfly valves, diaphragm valves as well as check valves, sediment strainers, air release, foot valves, angle seat valves to be used in the construction of process and service lines to convey industrial fluids at maximum operating temperatures of 60°C.

Technical Specifications:	
Material:	U-PVC Unplasticized Polyvinyl Chloride
Colour:	Grey
Reference standards:	Solvent welding: metric size according to EN ISO 1452, EN ISO 15493, ISO 727 Solvent welding: plain inch according to
	BS 4346-1, plain tapered to ASTM 2467 and JIS K6743
	Parallel threads according to ISO 228-1,
	tapered threads according to ASTM D2464 and JIS B0203
	Connection with stub flanges according to EN ISO 1452, EN ISO 15493, ANSI B16.5 cl.150
Range:	Ball valves: from Ø 16 mm to Ø 110 mm
	<b>Butterfly valves:</b> from Ø 50mm to Ø 400 mm
	<b>Diaphragm valves:</b> from Ø 12 mm to Ø 110 mm
	Check valves: from Ø 20 mm to Ø 110 mm
	<b>Sediment strainer:</b> from Ø 20 mm to Ø 110 m
Working Pressure classes:	PN16
Working temperature range:	From 0 °C to 60 °C
Seal material:	EPDM, FKM, PTFE





# TWO WAY BALL VALVE SERIES VKD DUAL BLOCK

Sizes (16mm to 63mm)

U - PVC True union two way ball valve with union nuts blocking system <b>DUAL BLOCK</b>
Maximum working pressure 16 bar (water at 20°C)
Patented two process ball carrier :"Seat Stop System" with seat micro-adjustment and axial pipe load blocking
Ergonomic handle with removal insert tool for seat adjustment
Integrated upper connection for actuation according to Standard ISO
Moulded in bracket for pipes and valve supporting
Floating ball system with double groove stem connection.

### VALF-VKDIV

Double union ball valve with dual block union lock Sockets plain for solvent welding



VALF- VKDIV		CODE	CODE	
d	DN			
16	10	VALFVKDIV0016E	VALFVKDIV0016F	
20	15	VALFVKDIV0020E	VALFVKDIV0020F	
25	20	VALFVKDIV0025E	VALFVKDIV0025F	
32	25	VALFVKDIV0032E	VALFVKDIV0032F	
40	32	VALFVKDIV0040E	VALFVKDIV0040F	
50	40	VALFVKDIV0050E	VALFVKDIV0050F	
63	50	VALFVKDIV0063E	VALFVKDIV0063F	

### POWER QUICK ACTUATION MODULE

CAPABILITY OF MOUNTING ACTUATORS & LMIIT SWITCHES TO THE VKD RANGE OF BALL VALVES 2 WAY & 3 WAY



(ISO MOUNTING 5211, F03-F04-F05-F07)

(130 1410 0141	150 MOGNING 5211,105 104 105 107)				
VLF- VKDIV		CODE	ISO MOUNTING		
d DN					
16	10	VALSVKDPQ1620P304	F03 - F04		
20	15	VALSVKDPQ1620P305	F03 - F04		
25	20	VALSVKDPQ00250305	F03 -F05		
32	25	VALSVKDPQ00320305	F03- F05		
40	32	VALSVKDPQ00400507	F05 - F07		
50	40	VALSVKDPQ00500507	F05 -F07		
63	50	VALSVKDPQ00630507	F05 - F07		

### VALS-FFF



PVC flanges drilled to DIN NP 10/16 (BS 4504)

ANSI Class 150				
d	DN	CODE		
1/2"	15	VALSFFFA050PVC		
3/4"	20	VALSFFFA075PVC		
1"	25	VALSFFFA100PVC		
11/4"	32	VALSFFFA125PVC		
1½"	40	VALSFFFA150PVC		
2"	50	VALSFFFA200PVC		
2½"	65	VALSFFFA250PVC		
3"	80	VALSFFFA300PVC		
4"	100	VALSFFFA400PVC		

### VALF-VKDFV

Double union ball valve with dual block union lock BSP - female threaded sockets



VALF- VKDFV		CODE	CODE	
d	DN			
3/8"	10	VALFVKDFV0375E	VALFVKDFV0375F	
1/2"	15	VALFVKDFV0500E	VALFVKDFV0500F	
3/4"	20	VALFVKDFV0750E	VALFVKDFV0750F	
1"	25	VALFVKDFV1000E	VALFVKDFV1000F	
11/4"	32	VALFVKDFV1250E	VALFVKDFV1250F	
1½"	40	VALFVKDFV1500E	VALFVKDFV1500F	
2"	50	VALFVKDFV2000E	VALFVKDFV2000F	

Prices of screw on flanges to suit FIP Union ended ball valves type VKD

### VALS-FFF



PVC flanges drilled to DIN NP 10/16 (BS 4504)

/	(	,
		VALS-FFF
d	DN	CODE
20	15	VALSFFFB020PVC
25	20	VALSFFFB025PVC
32	25	VALSFFFB032PVC
40	32	VALSFFFB040PVC
50	40	VALSFFFB050PVC
63	50	VALSFFFB063PVC
75	65	VALSFFFB075PVC
90	80	VALSFFFB090PVC
110	100	VALSFFFB110PVC





# TWO WAY DUAL BLOCK UNION LOCK BALL VALVE SERIES VKD (Sizes 75mm - 110mm)

	New safe blocked union - locks union nuts in preset position
	Multi function handle - positive latching and locking in 12 positions on valve sizes 75mm and larger
	Moulded mounting flange accoding to ISO 5211 for ease of actuator fitting
	Patented seat stop carrier for fine seat adjustments
	Ergonomic handle with removable insert tool for seat adjustment
	Maximum working pressure: 16 bar at 20°C
	Lower and upper stems reinforced with stainless steel shafts on valve sizes 75mm and larger
i	

# VALF-VKDIV Double union ball valve with dual block union lock Sockets plain for solvent welding VALFVKDIV CODE EPDM CODE FPM d DN 75 65 VALFVKDIV0075E VALFVKDIV0075F 90 80 VALFVKDIV0090E VALFVKDIV0090F

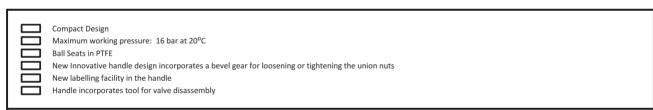
VALFVKDIV0110F

VALF-VKDF  Double unic with dual ble BSP female	n ball valve ock union lo				
VALF- VKDFV		CODE	EPDM	CODE	FPM
BSP	DN				
2½"	65	VALFVKDFV2500E		VALFVKDFV2500F	
3"	80	VALFVKDFV3000E		VALFVKDFV3000F	
4"	100	VALFVKDFV4000E	·	VALFVKDFV4000F	·

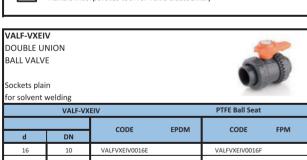
# TWO WAY BALL VALVE SERIES VXE (Sizes 16mm - 3/8" - 110mm - 4")

100

VALFVKDIV0110E



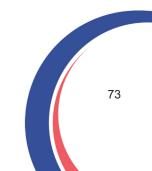
DOUBLE UNION



for solvent	VALF-VX	EIV		PTFE Ball Seat	
		CODE EPDM		CODE	FPM
d	DN	CODE	El DIVI	CODE	11101
16	10	VALFVXEIV0016E		VALFVXEIV0016F	
20	15	VALFVXEIV0020E		VALFVXEIV0020F	
25	20	VALFVXEIV0025E		VALFVXEIV0025F	
32	25	VALFVXEIV0032E		VALFVXEIV0032F	
40	32	VALFVXEIV0040E		VALFVXEIV0040F	
50	40	VALFVXEIV0050E		VALFVXEIV0050F	
63	50	VALFVXEIV0063E		VALFVXEIV0063F	
75	65	VALFVXEIV0075E		VALFVXEIV0075F	
90	80	VALFVXEIV0090E		VALFVXEIV0090F	
110	100	VALFVXEIV0110E		VALFVXEIV0110F	

female 1	threaded so			PTFE Ball Seat	JE
		CODE	EPDM	CODE	FPM
BSP	DN				
3/8"	10	VALFVXEFV0375E		VALFVXEFV0375F	
1/2"	15	VALFVXEFV0500E		VALFVXEFV0500F	
3/4"	20	VALFVXEFV0750E		VALFVXEFV0750F	
1"	25	VALFVXEFV1000E		VALFVXEFV1000F	
11/4"	32	VALFVXEFV1250E		VALFVXEFV1250F	
1½"	40	VALFVXEFV1500E		VALFVXEFV1500F	
2"	50	VALFVXEFV2000E		VALFVXEFV2000F	
2½"	65	VALFVXEFV2500E		VALFVXEFV2500F	
3"	80	VALFVXEFV3000E		VALFVXEFV3000F	
4"	100	VALFVXEFV4000E		VALFVXEFV4000F	







### THREE WAY BALL VALVES SERIES TKD/LKD

VALF-TKIV, TKDIV , LKIV , LKDIV

	3-Way ball valve: radially assembled on each part
	Material options: PVC, C-PVC, PP-H, PVDF, ABS
	Maximum working pressure: 16 bar at 20°C
	Positive latching handle for every 45° rotation
	Positive locking facility of the handle
	Rugged one-piece body incorporates moulded mounting flange according to ISO 5211 for ease of actuator fitting
	T-Port and L-Port options
	PTFE seats for self-centering of the ball
	TKD - LKD version has the capability of fitting Power Quick module for actuation
I	

# T-PORT / L-PORT ocket union ends

	DN	VALF-TKIV , TKDIV			VALF-LKIV,VLKDIV				
d		CODE	EPDM	CODE	FPM	CODE	EPDM	CODE	FPM
20	15	VALFTKDIV0020E		VALFTKDIV0020F		VALFLKDIV0020E		VALFLKDIV0020F	
25	20	VALFTKDIV0025E		VALFTKDIV0025F		VALFLKDIV0025E		VALFLKDIV0025F	
32	25	VALFTKDIV0032E		VALFTKDIV0032F		VALFLKDIV0032E		VALFLKDIV0032F	
40	32	VALFTKDIV0040E		VALFTKDIV0040F		VALFLKDIV0040E		VALFLKDIV0040F	
50	40	VALFTKDIV0050E		VALFTKDIV0050F		VALFLKDIV0050E		VALFLKDIV0050F	
63	50	VALFTKDIV0063E		VALFTKDIV0063F		VALFLKDIV0063E		VALFLKDIV0063F	

# VALF-TKFV, TKDFV, LKFV, LKDFV THREE WAY BALL VALVES T-PORT / L-PORT PVC body with ends threaded BSP female

3SP femal	P female							
		VALF-TK	FV, TKDFV	VALF-LKFV, LKDFV				
BSP	DN	CODE EPDM	CODE FPM	CODE EPDM	CODE FPM			
1/2"	15	VALFTKDFV0500E	VALFTKDFV0500F	VALFLKDFV0500E	VALFLKDFV0500F			
3/4"	20	VALFTKDFV0750E	VALFTKDFV0750F	VALFLKDFV0750E	VALFLKDFV0750F			
1"	25	VALFTKDFV1000E	VALFTKDFV1000F	VALFLKDFV1000E	VALFLKDFV1000F			
11/4"	32	VALFTKDFV1250E	VALFTKDFV1250F	VALFLKDFV1250E	VALFLKDFV1250F			
11/2"	40	VALFTKDFV1500E	VALFTKDFV1500F	VALFLKDFV1500E	VALFLKDFV1500F			
2"	50	VALFTKDFV2000E	VALFTKDFV2000F	VALFLKDFV2000E	VALFLKDFV2000F			

### TWO WAY BALL VALVE SERIES VEEIV/VEEFV (Sizes $16mm / \frac{3}{8}$ " - 110mm / 4")



VALF-VEEIV		colds and	VALF-VEEFV			
DOUBLE UNIO	N		DOUBLE UNION	ı		
BALL VALVE			BALL VALVE		6	
Socket plain fo	r solvent welding	g	BSP female threaded sockets			
	VALF-VEEIV F	olythylene ball seats		VALF-VE	EFV Polythylene ball seats	
		EPDM	EPDM			
BSP	DN	Code	BSP	DN	Code	
16	10	VALFVEEIV0016E	3/8"	10	VALFVEEFV0375E	
20	15	VALFVEEIV0020E	Y2"	15	VALFVEEFV0500E	
25	20	VALFVEEIV0025E	3/4"	20	VALFVEEFV0750E	
32	25	VALFVEEIV0032E	1"	25	VALFVEEFV1000E	
40	32	VALFVEEIV0040E	11/4"	32	VALFVEEFV1250E	
50	40	VALFVEEIV0050E	1½"	40	VALFVEEFV1500E	
63	50	VALFVEEIV0063E	2"	50	VALFVEEFV2000E	
75	65	VALFVEEIV0075E	2½"	65	VALFVEEFV2500E	
90	80	VALFVEEIV0090E	3"	80	VALFVEEFV3000E	
110	100	VALFVEEIV0110E	4"	100	VALFVEEFV4000E	

### **PVC REGULATING BALL VALVE SERIES - VKR** (Sizes 20mm - 63mm)

(Sizes zu	imm - 63mm)
	FIP VKR DUAL BLOCK valves combine typical full bore VKD ball valve reliability and safety along with a new accurate repeatable flow regulation function which meets the most extreme requirements of
	industrial applications The patented ball design provides linear flow regulation throughout its range of operation even when the valve is open just a few degrees and
	guarantees minimum pressure losses 90° operating angle (like a traditional shut-off ball valve) which allows the use of standard quarter turn
	actuators  Handle fitting with disc showing valve position on a graduated scale of 5° for accurate, easy reading  Maximum working pressure: 16 bar at 20°C



Socket plain fo	Socket plain for solvent welding					
		VALF-VKRIV				
	EPDM					
d	DN	Code				
20	15	VALFVKRIV0020E				
25	20	VALFVKRIV0025E				
32	25	VALFVKRIV0032E				
40	32	VALFVKRIV0040E				
50	40	VALFVKRIV0050E				
63	50	VALFVKRIV0063E				





### **BUTTERFLY VALVES SERIES FK**

Butterfly valve series FK with PVC disc
Glass fibre reinforced PP body with centre-line bi-directional PVC disc. Both disc and liner are replaceable
Size range from d 50mm (DN 40) up to d400 (DN400)
Working pressure: 50-63mm PN16, 75 - 280MM PN10, 315MM PN8, 355 + 400MM PN6*
Full flanged body to fit between flanges to all international standard drillings
Positive locking/latching lever to for 10 positions from open to closed
Connection in accordance with ISO standards for valve actuation
For further information before use, consult the Technical Brochure

# VALF-FKOV/LM BUTTERFLY VALVE Lever Operated Wafer type to fit between flanges

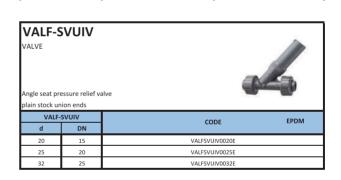
VALF-		Liner				
FKO	V/LM	CODE EP	EPDM	CODE	FPM	
d	DN	CODE	EPDIVI	CODE	FPIVI	
50	40	VALFFKOVLM0050E		VALFFKOVLM0050F		
63	50	VALFFKOVLM0063E		VALFFKOVLM0063F		
75	65	VALFFKOVLM0075E		VALFFKOVLM0075F		
90	80	VALFFKOVLM0090E	·	VALFFKOVLM0090F		
110	100	VALFFKOVLM0110E		VALFFKOVLM0110F		
140	125	VALFFKOVLM0140E		VALFFKOVLM0140F		
160	150	VALFFKOVLM0160E		VALFFKOVLM0160F		
225	200	VALFFKOVLM0225E		VALFFKOVLM0225F		
	Note: Lever operated as standard					

FKOV/LM		CODE	EPDM	CODE	FPM		
d	DN	CODE	EFDIVI	CODE	FFIVI		
50	40	VALFFKOVLM0050E		VALFFKOVLM0050F			
63	50	VALFFKOVLM0063E		VALFFKOVLM0063F			
75	65	VALFFKOVLM0075E		VALFFKOVLM0075F			
90	80	VALFFKOVLM0090E		VALFFKOVLM0090F			
110	100	VALFFKOVLM0110E		VALFFKOVLM0110F			
140	125	VALFFKOVLM0140E		VALFFKOVLM0140F			
160	150	VALFFKOVLM0160E		VALFFKOVLM0160F			
225	200	VALFFKOVLM0225E		VALFFKOVLM0225F			
	Note: Lever operated as standard						
	Gear operated on request						
-							

VALF-F	KOV/R	M			
BUTTERFLY	VALVE			A.	
Gear box operated  Available from size 50 mm				0	
	fit between fl	anges			
	VALF-				
FKOV/RM		CODE	EPDM	CODE	FPM
d	DN				

VALF- FKOV/RM		CODE EPDIV	1 CODE FPM
d	DN		
50	40	VALFFKOVRM0050E	VALFFKOVRM0050F
63	50	VALFFKOVRM0063E	VALFFKOVRM0063F
75	65	VALFFKOVRM0075E	VALFFKOVRM0075F
90	80	VALFFKOVRM0090E	VALFFKOVRM0090F
110	100	VALFFKOVRM0110E	VALFFKOVRM0110F
140	125	VALFFKOVRM0140E	VALFFKOVRM0140F
160	150	VALFFKOVRM0160E	VALFFKOVRM0160F
225	200	VALFFKOVRM0225E	VALFFKOVRM0225F
280	250	VALFFKOVRM0280E	VALFFKOVRM0280F
315	300	VALFFKOVRM0315E	VALFFKOVRM0315F
355	350	VALFFKOVRM0355E	VALFFKOVRM0355F
400	400	VALFFKOVRM0400E	VALFFKOVRM0400F

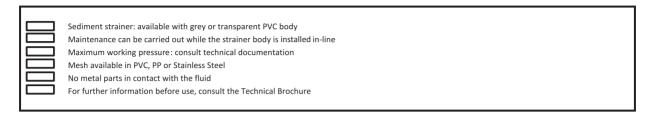
\/AIE I	FKOV/F	:N.4		203	
VALF-I BUTTERFLY	-	·IVI		*	
Bare shaft for				200	b
	m size 50 mm o fit between f	langes		Q	
VA	ALF-				
FKO'	V/FM	CODE EPDM	CODE FPI	FPM	
d	DN	CODE	EPDIVI	CODE	FPIVI
50	40	VALFFKOVFM0050E		VALFFKOVFM0050F	
63	50	VALFFKOVFM0063E		VALFFKOVFM0063F	
75	65	VALFFKOVFM0075E		VALFFKOVFM0075F	
90	80	VALFFKOVFM0090E		VALFFKOVFM0090F	
110	100	VALFFKOVFM0110E		VALFFKOVFM0110F	
140	125	VALFFKOVFM0140E		VALFFKOVFM0140F	
160	150	VALFFKOVFM0160E		VALFFKOVFM0160F	
225	200	VALFFKOVFM0225E		VALFFKOVFM0225F	
280	250	VALFFKOVFM0280E		VALFFKOVFM0280F	
315	300	VALEEKOVEM0315E		VALEEKOVEMO315E	







### SEDIMENT STRAINERS SERIES RV



### **VALF-RVUIT**

SEDIMENT STRAINER WITH TRANSPARENT BODY



Plain socket union ends

for solvent welding

VALF-	RVUIT	CODE	EPDM	
d	DN			
16	10	VALFRVUIT0016E		
20	15	VALFRVUIT0020E		
25	20	VALFRVUIT0025E		
32	25	VALFRVUIT0032E		
40	32	VALFRVUIT0040E		
50	40	VALFRVUIT0050E	•	
63	50	VALFRVUIT0063E		

### VALF-RVUFT

SEDIMENT STRAINER WITH TRANSPARENT BODY



Parallel BSP female threaded sockets with union ends

VALF-RVUFT		CODE	EPDM
d	DN		
3/8"	10	VALFRVUFT0375E	
1/2"	15	VALFRVUFT0500E	
3/4"	20	VALFRVUFT0750E	
1"	25	VALFRVUFT1000E	
11/4"	32	VALFRVUFT1250E	
1½"	40	VALFRVUFT1500E	

VALFRVUFT2000E

### **VALF-RVIT**

SEDIMENT STRAINER WITH TRANSPARENT BODY



Plain sockets for solvent welding

VALF-RVIT		CODE	EPDM
d	DN		
75	65	VALFRVIT0075E	
90	80	VALFRVIT0090E	
110	100	VALFRVIT0110E	

Smaller sizes from 16mm to 63mm available on request

### VALF-RVFT

SEDIMENT STRAINER WITH TRANSPARENT BODY



Parallel BSP female threaded sockets

VALF-RVFT		CODE	EPDM
d	DN		
2½"	65	VALFRVFT2500E	
3"	80	VALFRVFT3000E	
4"	100	VALFRVFT4000E	

# VALF-RVDV

SEDIMENT STRAINER WITH PVC GREY BODY FOR FLANGING



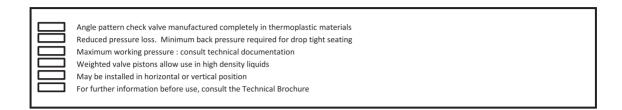
Plain male spigot ends for solvent welding

VALF-RVDV		CODE	EPDM
d	DN		
16	10	VALFRVDV0016E	
20	15	VALFRVDV0020E	
25	20	VALFRVDV0025E	
32	25	VALFRVDV0032E	
40	32	VALFRVDV0040E	
50	40	VALFRVDV0050E	
63	50	VALFRVDV0063E	

RVDT Sediment strainer with transparent PVC body for flanging available on request







VALF-VRUFV

## 

VALFVRUIV0063E

**VALF-VRUIV** 

Parallel BSP female threaded socket union ends			
VALF-VRUFV		CODE	EPDM
BSP	DN		
3/8"	10	VALFVRUFV0375E	
½"	15	VALFVRUFV0500E	
3/4"	20	VALFVRUFV0750E	
1"	25	VALFVRUFV1000E	
11/4"	32	VALFVRUFV1250E	
1½"	40	VALFVRUFV1500E	
		VALFVRUFV2000E	



Smaller sizes from 20mm to 63mm available on request

VALF-VRFV CHECK VALVE  Parallel BSP female threaded socket			
VALF-VRFV		CODE	EPDM
BSP	DN		
2½"	65	VALFVRFV2500E	
3"	80	VALFVRFV3000E	
	100	VALFVRFV4000E	·

·

VALF-VRDV		
CHECK VALVE		
FOR FLANGING		
Plain male spigot end		
for solvent welding		
VALF-VRDV	CODE	EPDM
d DN		

VALF-VRDV		CODE	EPDM
d	DN		
16	10	VALFVRDV0016E	
20	15	VALFVRDV0020E	
25	20	VALFVRDV0025E	
32	25	VALFVRDV0032E	
40	32	VALFVRDV0040E	
50	40	VALFVRDV0050E	
63	50	VALFVRDV0063E	

# ANGLE SEAT VALVE SERIES VV

VALF-V	VUIV		
ANGLE SEAT			Z.
for solvent w	elding		
VALF-	·vvuiv	CODE	EPDM
d	DN		
16	10	VALFVVUIV0016E	
20	15	VALFVVUIV0020E	
25	20	VALFVVUIV0025E	
32	25	VALFVVUIV0032E	<u>'</u>
40	32	VALFVVUIV0040E	
50	40	VALFVVUIV0050E	
63	50	VALFVVUIV0063E	





# AIR RELEASE AND FOOT VALVES SERIES VA & VZ

# VALF-VAIV **AIR RELEASE VALVE**



Plain male spigot end

for solvent welding

ior solvent welding			
VALF-VAIV		CODE	EPDM
d	DN		
20	15	VALFVAIV0020E	
25	20	VALFVAIV0025E	
32	25	VALFVAIV0032E	
40	32	VALFVAIV0040E	
50	40	VALFVAIV0050E	
63	50	VALFVAIV0063E	`

### **VALF-VZIV**

FOOT VALVE



Plain male spigot end for solvent welding. BSP threaded connections included in the packaging

VALF-VZIV		CODE	EPDM
d	DN		
16	10	VALFVZIV0016E	
20	15	VALFVZIV0020E	
25	20	VALFVZIV0025E	
32	25	VALFVZIV0032E	•
40	32	VALFVZIV0040E	
50	40	VALFVZIV0050E	
63	50	VALFVZIV0063E	

### **BALL VALVE ACCESSORIES**

# VALS-CVDE

END CONNECTOR IN PE

FOR VKD



Long spigots for electrofusion or butt welding

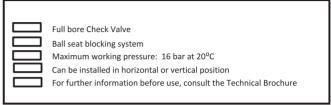
VALS-CVDE		CODE	EPDM	
d	DN			
20	15	VALSCVDE0020E		
25	20	VALSCVDE0025E		
32	25	VALSCVDE0032E		
40	32	VALSCVDE0040E		
50	40	VALSCVDE0050E		
63	50	VALSCVDE0063E		
75	65	VALSCVDE0075E		
90	80	VALSCVDE0090E		
110	100	VALSCVDE0110E		

# BALL CHECK VALVE SERIES SSEIV (Size 16mm - 110mm)

\*A316 Stainless Steel Spring \*Can be installed in veritcal or horizontal position

\*Maximum working pressure: 16 bar at 20°C \*For further information before use, consult the Technical Brochure

### **BALL CHECK VALVE SERIES SXE**



# **VALF-SXEIV** BALL CHECK VALVE Plain socket union ends for solvent welding

VALF-SXEIV		CODE	EPDM	CODE	FPM	
d	DN					
16	10	VALFSXEIV0016E		VALFSXEIV0016F		
20	15	VALFSXEIV0020E		VALFSXEIV0020F		
25	20	VALFSXEIV0025E		VALFSXEIV0025F		
32	25	VALFSXEIV0032E		VALFSXEIV0032F		
40	32	VALFSXEIV0040E		VALFSXEIV0040F		
50	40	VALFSXEIV0050E		VALFSXEIV0050F		
63	50	VALFSXEIV0063E		VALFSXEIV0063F		
75	65	VALFSXEIV0075E		VALFSXEIV0075F		
90	80	VALFSXEIV0090E		VALFSXEIV0090F		
110	100	VALFSXEIV0110E		VALFSXEIV0110F		

### ANGLE SEAT VALVE SERIES VV

# VALF-VVDV

ANGLE SEAT VALVE FOR FLANGING

Plain male spigots for

solvent welding



VALF-	VRUIV	CODE
d	DN	
16	10	VALFVRUIV0016E
20	15	VALFVRUIV0020E
25	20	VALFVRUIV0025E
32	25	VALFVRUIV0032E
40	32	VALFVRUIV0040E
50	40	VALFVRUIV0050E
63	50	VALFVRUIV0063E

# VALF-SSEIV BALL CEHCK VALVE WITH S/STL SPRING

Sockets plain for solvent welding



occitoto piani		9	
VALF-SSEIV			
d	DN	CODE	
16	10	VALFSSEIV0016E	
20	15	VALFSSEIV0020E	
25	20	VALFSSEIV0025E	
32	25	VALFSSEIV0032E	
40	32	VALFSSEIV0040E	
50	40	VALFSSEIV0050E	
63	50	VALFSSEIV0063E	
75	65	VALFSSEIV0075E	
90	80	VALFSSEIV0090E	
110	100	VALFSSEIV0110E	





# **POLYPROPYLENE (PP-H) VALVES**



The PP-H range in homopolymer Propylene includes a complete series of ball valves, butterfly valves, diaphragm valves, check valves, sediment strainers, to be used in the construction of process and service lines for the convey under pressure of industrial fluids at maximum operating temperatures of 100°C.

Technical Specifications:	
Material:	PP-H (100) Polypropylene homopolymer
Colour:	RAL 7032 - beige
Reference standards:	Socket and butt welding
	Welding according to DVS 2207-11 for coupling
	to pipes complying with EN ISO 15494
	Parallel threads according to ISO 228-1, ISO 7-1
	Flanging according to EN ISO 15494, EN 1092-1,
	ISO 7005-1, ANSI B16.5 cl.150
Range:	Ball valves: from Ø 16 mm to Ø 110 mm
	<b>Butterfly valves:</b> from Ø 50mm to Ø 400 mm
	<b>Diaphragm valves:</b> from Ø 16 mm to Ø 110 mm
	Check valves: from Ø 20 mm to Ø 110 mm
	<b>Sediment strainer:</b> from Ø 20 mm to Ø 110 m
Working Pressure classes:	PN10
Working temperature range:	From 0 °C to 100 °C
Seal material:	EPDM, FKM, PTFE





TWO WAY BALL VALVE SERIES VKD DUAL BLOCK UNION
BALL VALVE
(Sizes 16mm to 63mm)
PP-H true union two way ball valve with union nuts blocking system DUAL BLOCK
Maximum working pressure: 10 bar at 20°C
Patented two pieces ball carrier "Seat Stop System" with seats micro-adjustment and axial pipe load
blocking
Ergonomic handle with removable insert tool for seat regulation
Intergrated upper connection for actuation according to Standard ISO 5211
Moulded in bracket for pipes and valve supporting
Floating ball system with double groove stem connection
TKD - LKD verson has the capabitlity of fitting Power Quick module for actuation

Double with du	union al blo	KDIM  ball valve ck union lock for fusion welding		0 4		
			VALF-	VKDIM		
		CODE	EPDM	CODE	FPM	
d	DN	CODE		CODE		
16	10	VALFVKDIM0016E		VALFVKDIM0016F		
20	15	VALFVKDIM0020E		VALFVKDIM0020F		
25	20	VALFVKDIM0025E		VALFVKDIM0025F		
32	32 25 VALFVKDIM0032E			VALFVKDIM0032F	,	
40	32	VALFVKDIM0040E		VALFVKDIM0040F		
50	40	VALFVKDIM0050E		VALFVKDIM0050F	,	
63	50	VALFVKDIM0063E		VALFVKDIM0063F		

VALF-VK	DFM				2	
Double union b with dual block BSP - female th				0	No.	
			VALF-VKDFM			
		CODE	EPDM	CODE	FPM	
BSP	DN	CODE		CODE		
1/2"	15	VALFVKDFM0500	E	VALFVKDFM0500F		
3/4"	20	VALFVKDFM0750	E	VALFVKDFM0750F		
1"	25	VALFVKDFM1000	E	VALFVKDFM1000F		
11/4"	32	VALFVKDFM1250	E	VALFVKDFM1250F		
1½"	40	VALFVKDFM1500	E	VALFVKDFM1500F		
2"	50	VALFVKDFM2000		VALFVKDFM2000F		

Т	HREE WAY BALL VALVES SERIES TKD/LKD
)	3-way ball valve; radially assembled on each port
1	Material options: PVC, C-PVC, PP-H, PVDF, ABS
i	Maximum working pressure: 16 bar at 20°C (10 bar PP-H only)
j	Handle with positive locking and latching facility
)	Rugged one-piece body incorporates moulded mounting flange according to ISO 5211 for ease of actuator fitting
]	Available with "T" Port ball for mixing/blending or "L" Port ball for diverting
3	4 PTFE seats for self-centering of the ball
1	TKD - LKD version has the capability of fitting Power Quick module for actuation

### VALF-TKIM, TKDIM, LKIM, LKDIM

THREE WAY BALL VALVE T-PORT/L-PORT

PP body fusion weld socket

PP body fus union ends

union e	union ends									
	VALF-TKIM, TKDIM			VALF-LKIM, LKDIM						
		CODE		EPDM CODE		CODE	EPDM CODE	FPM		
d	DN			CODE		CODE		CODE		
20	15	VALFTKDIM0020E		VALFTKDIM0020F		VALFLKDIM0020E		VALFLKDIM0020F		
25	20	VALFTKDIM0025E		VALFTKDIM0025F		VALFLKDIM0025E		VALFLKDIM0025F		
32	25	VALFTKDIM0032E		VALFTKDIM0032F		VALFLKDIM0032E		VALFLKDIM0032F		
40	32	VALFTKDIM0040E		VALFTKDIM0040F		VALFLKDIM0040E		VALFLKDIM0040F		
		1/11/57/2014 4005 05		11115711011100505		11415110014400505		1111511511511400505		

### VALF-TKFM, TKDFM, LKFM, LKDFM

THREE WAY BALL VALVE T-PORT/L-PORT

PP body BSP female threaded

socket ends



VKD DUAL BLOCK UNION BALL VALVE (Sizes 75mm to 110mm)

- 1	
ı	New safe blocked union - locks
-	union nuts in preset position
	Multi function handle - positive latching and
١	locking in 12 positions
ı	Moulded mouting flange according to ISO 5211
ı	for ease of actuator fitting
١	Patented seat stop carrier for fine seat adjustment
ı	Standard elastometric O-rings throughout
ı	Ergonomic handle with removable insert tool for
ı	seat adjustment
ı	Maximum working pressure: 10 bar at 20°C
ı	Lower and upper stems reinforced with stainless
ı	 steel shafts

VALF-\ Double union with dual boo Sockets plan i	vall valve k union lock	lding		-	-
			VALF-	-VKDIM	
		CODE	EPDM	CODE	FPM
d	DN				
75 65 VALFVKDIM007		VALFVKDIM0075E	,	VALFVKDIM0075F	•
90	80	VALEVKDIMO090E		VALEVKDIM0090E	





### SEDIMENT STRAINER SERIES RV

# Maintenance can be carried out while the strainer body is installed in-line Maximum working pressure Consult technical documentation Mesh available in other materials on request No metal parts in contact with the fluid

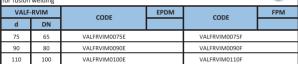
### **VALF-RVUIM** SEDIMENT STRAINER Plain socket union ends



VALF-RVUIM		CODE	EPDM	CODE	FPM	
d	DN	CODE		CODE		
20	15	VALFRVUIM0020E		VALFRVUIM0020F		
25	20	VALFRVUIM0025E		VALFRVUIM0025F		
32	25	VALFRVUIM0032E		VALFRVUIM0032F		
40	32	VALFRVUIM0040E		VALFRVUIM0040F		
50	40	VALFRVUIM0050E		VALFRVUIM0050F		
63	50	VALFRVUIM0063E	-	VALFRVUIM0063F		

### VALF-RVIM SEDIMENT STRAINER Plain sockets for fusion welding

90 80



VALF	-VRIM	<u> </u>			
CHECK VA	ALVE				
Plain sock	ets				
for fusion	welding				
VALF	-VRIM	CODE	EPDM	CODE	FPM
d	DN	CODE		CODE	
75	65	VALFVRIM0075E		VALFVRIM0075F	•

VALFVRIM0090F

VALFVRIM0090E

### **BALL CHECK VALVES SERIES SR**

Ball check valve with full bore
Adjustable ball retaining system
Maximum working pressure: 10 bar at 20°C
Should be installed in vertical position only

BALL CHECK	VALVE		
Plain male sp	igot end	·	
for fusion we	lding		
VAL	-SRIM	PTFE Ball Seat	FPM
VALI	SKIIVI	CODE	
d	DN	CODE	
20	15	VALFSRIM0020F	
25	20	VALFSRIM0025F	
32	25	VALFSRIM0032F	
40	32	VALFSRIM0040F	
50	40	VALFSRIM0050F	_

VALFSRIM0063F

### ANGLE PATTERN CHECK VALVE SERIES VR

50

thermoplastic materials  Reduced pressure loss; minimum back	
 pressure required for drop tight sealing	
Maximum working pressure	
 Consult technical documentation	
Weighted piston permits use in high density liquids	
May be installed in horizontoal or vertical position	

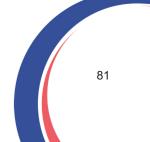
Plain socket union ends

VALF-SRIM



for fusion welding						
VALF-	VRUIM	CODE	EPDM	CODE	FPM	
d	DN	CODE		CODE		
20	15	VALFVRUIM0020E		VALFVRUIM0020F		
25	20	VALFVRUIM0025E		VALFVRUIM0025F		
32	25	VALFVRUIM0032E		VALFVRUIM0032F		
40	32	VALFVRUIM0040E		VALFVRUIM0040F		
50	40	VALFVRUIM0050E		VALFVRUIM0050F		
63	50	VALFVRUIM0063E		VALFVRUIM0063F		







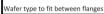
# PP BUTERFLY VALVES SERIES FK

Butterfly valve series FK with PP disc  Glass fibre reinforced PP body with centre-line bi-directional PP disc. Both disc and liner are replaceable  Size range from d 50mm (DN 40) up to d 400 (DN400)  Working pressure: 50-280mm PN10, 315MM PN8, 355 + 400MM PN6*  Full flanged body to fit between flanges to all inernational standard drillings
Full flanged body to fit between flanges to all inernational standard drillings Positive locking/latching lever for 10 positions from open to closed Connection in accordance with ISO standard for valve actuation For further information before use consult Technical Brochure

# VALF-FKOM/FM

BUTTERFLY VALVE

Bare shaft for actuation



water type to fit between flanges						
VALF-FKOM/ <mark>FM</mark>		EPDM		6005	FPM	
d	DN	CODE		CODE		
50	40	VALFFKOMFM0050E		VALFFKOMFM0050F		
63	50	VALFFKOMFM0063E		VALFFKOMFM0063F		
75	65	VALFFKOMFM0075E		VALFFKOMFM0075F		
90	80	VALFFKOMFM0090E		VALFFKOMFM0090F		
110	100	VALFFKOMFM0110E		VALFFKOMFM0110F		
140	125	VALFFKOMFM0140E		VALFFKOMFM0140F		
160	150	VALFFKOMFM0160E		VALFFKOMFM0160F		
225	200	VALFFKOMFM0225E	0225E VALFFKOMFM0225F			
280	250	VALFFKOMFM0280E VALFFKOMFM0280F		•		
315	300	VALFFKOMFM0315E		VALFFKOMFM0315F		
355	350	VALFFKOMRM0355E		VALFFKOVRM0355F		
400	400	VALFFKOMRM0400E		VALFFKOVRM0400F		

# VALF-FKOM/RM

BUTTERFLY VALVE

Gear box operated

Wafer type to fit between flanges

VALF-FKOM/	/RM	CODE		CODE	FPM	
d	DN			CODE		
75	65	VALFFKOMRM0075E		VALFFKOMRM0075F		
90	80	VALFFKOMRM0090E		VALFFKOMRM0090F		
110	100	VALFFKOMRM0110E		VALFFKOMRM0110F		
140	125	VALFFKOMRM0140E		VALFFKOMRM0140F		
160	150	VALFFKOMRM0160E		VALFFKOMRM0160F		
225	200	VALFFKOMRM0225E		VALFFKOMRM0225F		
280	250	VALFFKOMRM0280E		280E VALFFKOMRM0280F		
315	300	VALFFKOMRM0315E		VALFFKOMRM0315F		
355	350	VALFFKOMRM0355E		VALFFKOVRM0355F		
400	400	VALFFKOMRM0400E		VALFFKOVRM0400F		

### VALF-FKOM/LM

BUTTERFLY VALVE

Lever operated

Wafer type to fit between flanges

water type t	water type to its between hanges						
VALF-FI	(OM/LM	CODE	EPDM	CODE	FPM		
d	DN	CODE		CODE			
50	40	VALFFKOMLM0050E		VALFFKOMLM0050F			
63	50	VALFFKOMLM0063E		VALFFKOMLM0063F			
75	65	VALFFKOMLM0075E		VALFFKOMLM0075F			
90	80	VALFFKOMLM0090E		VALFFKOMLM0090F			
110	100	VALFFKOMLM0110E		VALFFKOMLM0110F			
140	125	VALFFKOMLM0140E		VALFFKOMLM0140F			
160	150	VALFFKOMLM0160E		VALFFKOMLM0160F			
225	200	VALFFKOMLM0225E		VALFFKOMLM0225F			
NOTE : Leve	r operated as	standard					
Gea	Gear operated on request						



# PP REGULATING BALL VALVE SERIES VKR (size 20mm - 63mm)

FIP VKR DUAL BLOCK valves combine typical full bore
VDK ball valve reliability and safety along with a new
accurate, repeatable flow regulation function which
meets with the most extreme requirements of industrial
applications
The patented ball design provides linear flow regulation
throughout its range of operation even when the valve
is open just a few degrees and guarantees minimum
pressure losses
90° operating angle (like a traditional shut-off valve)
which allows the use of standard quarter turn actuators
Handle fitted with disc showing valve position on a
graduated scale of 5° for accurate, easy reading
Maximum working pressure 10 bar at 20°C

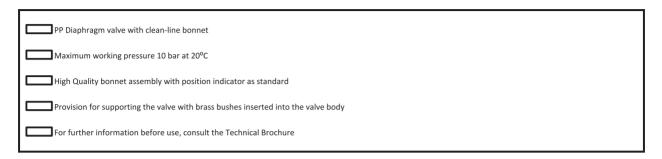
### VALF-VKRIM

PP DOUBLE UNION BALL BLOCK REGULATING BALL VALVE

KLOOLATING	DALL VALVE		
Sockets plain	for fusion wel	ding	
VALF-VKRIM			
d	DN	CODE	EPDM
a	DN	CODE	
20	15	VALFVKRIM0020E	
25	20	VALFVKRIM0025E	
32	25	VALFVKRIM0032E	
40	32	VALFVKRIM0040E	·
50	40	VALFVKRIM0050E	
63	50	VALFVKRIM0063E	



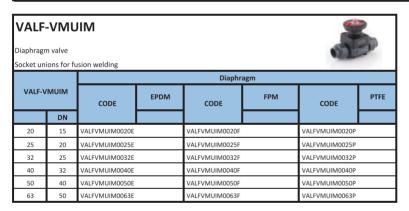
### PP DIAPHRAGM VALVES SERIES VM

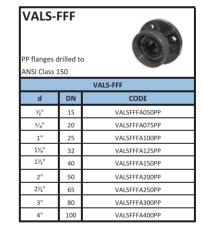


VALF	-							
CMFM	BSP fema	ale threaded ends				,	(M)	
смім	Socket fu	ision ends				6		
CMUIM Sockets union ends plain					Ve			
CMDM	CMDM Spigot ends							
VALF-	CMFM				Diaphragm			
	CMUIM IDM	CODE	EPDM	CODE	FPM	CODE	PTFE	CODE
	DN							
3/8"	12	VALFCMFM0375E		VALFCMFM0375F		VALFCMFM0375P		CMFM
16	12	VALFCMIM0016E		VALFCMIM0016F		VALFCMIM0016P		CMIM
1/2"	15	VALFCMUIM0500E		VALFCMUIM0500F		VALFCMUIM0500P		CMUIM
20	15	15 VALFCMDM0020E		VALFCMDM0020F		VALFCMDM0020P	, and the second	CMDM
		cator as standard nd connections on r	equest					

			es drilled to 0/16 (B 45	
		d	DN	CODE
		20	15	VALSFFFB022PP
	CODE	25	20	VALSFFFB025PP
=		32	25	VALSFFFB032PP
	01.151.1	40	32	VALSFFFB040PP
$\dashv$	CMFM	50	40	VALSFFFB050PP
4	CMIM	63	50	VALSFFFB063PP
4	CMUIM	75	65	VALSFFFB075PP
CMDM		90	80	VALSFFFB090PP
		110	100	VALSFFFB011PP

VALS-FFF





VALF-VMDM  Plain male spigot ends for fusion welding  Diaphragm								
VALF-\	VMDM		EPDM		FPM		PTFE	
d	DN	CODE		CODE		CODE		
20	15	VALFVMDM0020E		VALFVMDM0020F		VALFVMDM0020P		
25	20	VALFVMDM0025E		VALFVMDM0025F		VALFVMDM0025P		
32	25	VALFVMDM0032E		VALFVMDM0032F		VALFVMDM0032P		
40	32	VALFVMDM0040E		VALFVMDM0040F		VALFVMDM0040P		
50	40	VALFVMDM0050E		VALFVMDM0050F		VALFVMDM0050P		
63	50	VALFVMDM0063E	VALFVMDM0063E		VALFVMDM0063F		VALFVMDM0063P	
75	65	VALFVMDM0075E		VALFVMDM0075F		VALFVMDM0075P		
90	80	VALFVMDM0090E		VALFVMDM0090F		VALFVMDM0090P		
110	100	VALFVMDM0110E		VALFVMDM0110F		VALFVMDM0110P		
Vicual no	rition indi	cator as standard						

Prices of screw on flanges to suit FIP Union ended ball valves type VKD







# Polyvinylidene Fluoride (PVDF) VALVES



The PVDF range includes a complete series of ball valves, butterfly valves, diaphragm valves and check valves to be used in the construction of process lines and service lines to convey industrial fluids in the operating temperature range from -40°C to 140°C. The entire range is produced in Solef® resins.

Technical Specifications:	
Material:	PVDF Polyvinylidene Fluoride - Compound
	Solef® 1008
Colour:	Translucent white
Reference standards:	Socket welding according to: EN ISO 10931,
	DVS 2207-15 for coupling to pipes
	complying with EN ISO 10931
	Flanging EN ISO 10931, EN 1092-1, ISO 7005-1,
	ANSI B16.5 cl.150
Range:	Ball valves: from Ø 16 mm to Ø 110 mm
	<b>Butterfly valves:</b> from Ø 50mm to Ø 400 mm
	<b>Diaphragm valves:</b> from Ø 16 mm to Ø 110 mm
	Check valves: from Ø 20 mm to Ø 110 mm
Working Pressure classes:	PN16
Working temperature range:	From -40°C to 140°C
Seal material:	EPDM, FKM, PTFE





PVDF True Union two way ball valve with nuts blocking system DUAL BLOCK
Maximum working pressure: 16 bar at 20°C
Patented two piece ball carrier "Seat Stop System" with seats micro-adjustment and axial pipe load blocking
Ergonomic handle with removable insert tool for seat regulation
Integrated upper connection for actuation according to the standard ISO 5211
Moulded in bracket for pipes and valve supporting
Floating ball system with double groove stem connection
TKD - LKD verson has the capabitlity of fitting Power Quick module for actuation

### DOUBLE UNION BALL VALVE SERIES VKD

# VALF-VKDIF Double union Ball valve with dual block union lock Sockets plain for fusion weldin

Sockets plain for fusi	on weluin		
d	DN	CODE	VALF-VKDIF
16	10	VALFVKDIF0016F	
20	15	VALFVKDIF0020F	
25	20	VALFVKDIF0025F	
32	25	VALFVKDIF0032F	
40	32	VALFVKDIF0040F	
50	40	VALFVKDIF0050F	
63	50	VALFVKDIF0063F	
75	65	VALFVKDIF0075F	
90	80	VALFVKDIF0090F	
110	100	VALFVKDIF0110F	

	PP Diaphragm valve with clean-line bonnet
	Maximum working pressue 10 bar at 20°C
	High quality bonnet assembly with position indicator as standard
	Provision for supporting the valve with brass bushes inserted into the valve body
	,
ш	For further information before use, consult the Technical Brochure

### DIAPHRAGM VALVE SERIES VM



Plain male spigot ends for fusion welding



				Diaphragm			
VALF-VMDF		CODE		CODE	FPM	CODE	PTFE
	DN						
20	15	VALFVMDF0020E		VALFVMDF0020F		VALFVMDF0020P	
25	20	20 VALFVMDF0025E		VALFVMDF0025F		VALFVMDF0025P	
32	25	VALFVMDF0032E	VALFVMDF0032F			VALFVMDF0032P	
40	32	VALFVMDF0040E		VALFVMDF0040F		VALFVMDF0040P	
50	40	VALFVMDF0050E		VALFVMDF0050F		VALFVMDF0050P	
63	50	VALFVMDF0063E		VALFVMDF0063F		VALFVMDF0063P	
75	75 65 VALFVMDF0075E		VALFVMDF0075F		VALFVMDF0075P		
90	90 80 VALFVMDF0090E		VALFVMDF0090F		VALFVMDF0090P		
110	110 100 VALFVMDF0110E		VALFVMDF0110F		VALFVMDF0110P		
Visual positio	n indica	tor as standard					

### DOUBLE UNION BALL VALVE SERIES VKD

# VALF-VKDDF Double union Ball valve with dual block union lock Plain male spigot ends for fusion welding VALF-VKDDF d DN CODE VALF-VKDDF 20 15 VALF-VKDDF0020F VALF-VKDDF0020F 25 20 VALFVKDDF0020F VALFVKDDF0032F 32 25 VALFVKDDF0040F VALFVKDDF0050F 50 40 VALFVKDDF0050F 63 50 VALFVKDF0063F

# PVDF REGULATING BALL VALVE SERIES VKR (Size 20mm - 63mm)

FIP VKR DUAL BLOCK valves combine typlical full bore
VDK ball valve reliability and safety along with a new
accurate, repeatable flow regulation function which
meets with the most extreme requirements of industrial
applications
The patented ball design provides linear flow regulation
throughout its range of operation even when the valve
is open just a few degrees and guarantees minimum
pressure losses
90° operating angle (like a traditional shut-off valve)
which allows the use of standard quarter turn actuators
Handle fitted with disc showing valve position on a
graduated scale of 5° for accurate, easy reading
Maximum working pressure 10 bar at 20°C

VALF-VK	RIF		
PVDF DOUBLE   REGULATING B		оск	
Sockets plain fo	r fusion weldin	g	
d	DN	CODE	VALF-VKRIF
u	DIN	CODE	FPM
20	15	VALFVKRIF0020F	
25	20	VALEVKRIF0025F	

VALFVKRIF0032F

VALFVKRIF0040F VALFVKRIF0050F





# **PVDF BUTTERFLY VALVES SERIES FK**

Butterfly valve series FK with PVDF disc
Glass fibre reinforced PP body with centre-line bi-directional PVDF disc.
Both disc and liner are replaceable
Size range from D 50mm (DN 40) up to D 315 (DN300)
Maximum working pressure: 50 - 280MM PN10, 315MM PN8, 355 + 400MM PN6*
Full flanged body to fit between flanges to all international standard drillings
Positive locking/latching lever for 10 positions from open to closed
Connection in accordance with ISO standard for valve actuation
For further information before use consult Technical Brochure

# VALF-FKOF/FM

BUTTERFLY VALVE

Bare shaft for actuation

Wafer type to fit between flanges

Trainer type to the betteen than get					
VALF-FI	(OF/FM	CODE	FPM LINER		
d	DN	CODE			
50	40	VALFFKOFFM0050F			
63	50	VALFFKOFFM0063F			
75	65	VALFFKOFFM0075F			
90	80	VALFFKOFFM0090F			
110	100	VALFFKOFFM0110F			
140	125	VALFFKOFFM0140F			
160	150	VALFFKOFFM0160F			
225	225 200				
280	250	VALFFKOFFM0280F			
315	300	VALFFKOFFM0315F			

# VALF-FKOF/RM

BUTTERFLY VALVE

Gear box operated

Wafer type to fit between flanges

VALF-FI	(OF/RM	CODE	FPM LINER		
d	DN	CODE			
75	65	VALFFKOFRM0075F			
90	80	VALFFKOFRM0090F			
110	100	VALFFKOFRM0110F			
140	125	VALFFKOFRM0140F			
160	150	VALFFKOFRM0160F			
225	200	VALFFKOFRM0225F			
280	250	VALFFKOFRM0280F	·		
315	300	VALFFKOFRM0315F	·		

# VALF-FKOF/LM

BUTTERFLY VALVE

Lever operated

Wafer type to fit between flanges

7.1			
VALK-FI	KOF/LM	CODE	FPM LINER
d	DN	CODE	
50	40	VALFFKOFLM0050F	
63	50	VALFFKOFLM0063F	
75	65	VALFFKOFLM0075F	
90	80	VALFFKOFLM0090F	
110	100	VALFFKOFLM0110F	
140	125	VALFFKOFLM0140F	
160	150	VALFFKOFLM0160F	
225	200	VALFFKOFLM0225F	

# BALL CHECK VALVE SERIES SR

# **VALF-SRIF**

BALL CHECK VALVE

Plain male spigot end

for fusion welding

Tot Tusion Welding			
VALF-SRIF		CODE	VITON SEALS
d	DN	CODE	
20	15	VALFSRIF0020F	
25	20	VALFSRIF0025F	
32	25	VALFSRIF0032F	
40	32	VALFSRIF0040F	
50	40	VALFSRIF0050F	
63	50	VALFSRIF0063F	





# **Thermoplastic Variable Area Flowmeters**



These flowmeters operate according to the variable area principle, where a float is suspended in upward flowing media in a tapered plastic tube. The vertical position of the float within the metering tube depends on the flowrate of the media. The metering tube is graduated in suitable flow units and the reading is taken in correspondence with the top edge of the float. Versions for liquids and gases are available, providing accurate and cost-effective measurement with scales in I/h and Nm3/h

# **Flow Meters**

Technical Specifications:	
Construction:	FS: Standard variable area flowmeters
	FC: Compact variable area flowmeters
Size Range:	DN 10 ÷ 65
Operating pressure:	PVC-U, PVC-C, PP end connectors: 10 bar with
	water at 20 °C
	Carbon Steel, Stainless Steel end connectors: 15
	bar with water at 20 °C
Tube material:	PVC-U, PA (Trogamid), PSU (Polysulfone)
Seal material:	EPDM supplied as standard, FKM
Float material:	Red PP, AISI 316 Stainless Steel
End connectors:	PVC-U, PVC-C, PP-H, AISI 316 SS, Carbon Steel
Temperature range:	5°C - 100°C *Subject to tube material & end
	connectors
Accessories:	-Magnetic Float options for Min & Max Alarm
	switches
	-Double scale & Special scale option available
	for specific application requirements on request



# FLOWMETERS WITH PVC BODIES





Float: Stainless Steel
O'Ring: EPDM

d	BSP	Flow rate Range for water	CODE (PVC-U ISO Metric Socket Unions)
20	1/2"	5-50 L/H	FLOWFCIV020T1X0050
20	1/2"	10-100 L/H	FLOWFCIV020T1X0100
20	1/2"	15-160 L/H	FLOWFCIV020T1X0160
20	1/2"	20-250 L/H	FLOWFCIV020T1X0250
20	1/2"	35-350 L/H	FLOWFCIV020T1X0350
25	3/4"	15-150 L/H	FLOWFCIV025T1X0150
25	3/4"	25-250 L/H	FLOWFCIV025T1X0250
25	3/4"	40-400 L/H	FLOWFCIV025T1X0400
25	3/4"	50-600 L/H	FLOWFCIV025T1X0600
25	3/4"	100-1100 L/H	FLOWFCIV025T1X1100
32	1"	40-400 L/H	FLOWFCIV032T1X0400
32	1"	50-600 L/H	FLOWFCIV032T1X0600
32	1"	100-1000 L/H	FLOWFCIV32T1X1000
32	1"	150-1500 L/H	FLOWFCIV032T1X1500

Size	Tube length
DN 15/20MM 1/2 INCH	170MM
DN 20/25MM <sup>3</sup> / <sub>4</sub> INCH	185MM
DN 25/32MM 1 INCH	200MM



d	BSP	Flow rate Range for water	CODE (PVC-U ISO Metric Socket Unions)
20	1/2"	2-25 L/H	FLOWFCIV020T1M0025
20	1/2"	5-50 L/H	FLOWFCIV020T1M0050
20	½"	10-100 L/H	FLOWFCIV020T1M0100
20	1/2"	15-150 L/H	FLOWFCIV020T1M0150
20	1/2"	20-200 L/H	FLOWFCIV020T1M0200
25	3/4"	8-80 L/H	FLOWFCIV025T1M0080
25	3/4"	15-150 L/H	FLOWFCIV025T1M0150
25	3/4"	20-200 L/H	FLOWFCIV025T1M0200
25	3/4"	30-350 L/H	FLOWFCIV025T1M0350
25	3/4"	50-650 L/H	FLOWFCIV025T1M0650
32	1"	20-200 L/H	FLOWFCIV032T1M0200
32	1"	30-300 L/H	FLOWFCIV032T1M0300
32	1"	60-600 L/H	FLOWFCIV032T1M0600
32	1"	100-1000 L/H	FLOWFCIV032T1M1000

Size	Tube length
DN 15/20MM 1/₂ INCH	170MM
DN 20/25MM <sup>3</sup> / <sub>4</sub> INCH	185MM
DN 25/32MM 1 INCH	200MM

FSIV Solvent cement union ends

FSIV	Solvent cement union ends		
Body:	Transparent PVC	ì	
Float:	Stainless Steel		
O'Ring:	EPDM		

O Killig.	LIDIVI		
d	BSP	Flow rate Range for water	CODE (PVC-U ISO Metric Socket Unions)
25	3/4"	25-250 L/H	FLOWFSIV025T1X0250
25	3/4"	40-400 L/H	FLOWFSIV025T1X0400
25	3/4"	60-640 L/H	FLOWFSIV025T1X0640
25	3/4"	100-1000 L/H	FLOWFSIV025T1X1000
32	1"	40-400 L/H	FLOWFSIV032T1X0400
32	1"	60-640 L/H	FLOWFSIV032T1X0640
32	1"	100-1000 L/H	FLOWFSIV032T1X1000
32	1"	150-1600 L/H	FLOWFSIV032T1X1600
40	11/4"	150-1600 L/H	FLOWFSIV040T1X1600
40	11/4"	200-2500 L/H	FLOWFSIV040T1X2500
40	11/4"	400-4000 L/H	FLOWFSIV040T1X4000
50	1½"	200-2500 L/H	FLOWFSIV050T1X2500
50	1½"	400-4000 L/H	FLOWFSIV050T1X4000
50	1½"	500-5000 L/H	FLOWFSIV050T1X5000
63	2"	400-4000 L/H	FLOWFSIV063T1X4000
63	2"	600-6000 L/H	FLOWFSIV063T1X6000
63	2"	1000-10 000 L/H	FLOWFSIV063T1X0010
75	2½"	1500-15 000 L/H	FLOWFSIV075T1X0015
75	21/2"	2000- 20 000 L/H	FLOWFSIV075T1X0020
75	21/2"	10 000-50 000 L/H	FLOWFSIV075T1X0050

Body: Float: O'Ring:	Transpare (Polyprop EPDM	ent PVC pylene ) Black	
d	BSP	Flow rate Range for water	CODE (PVC-U ISO Metric Socket Unions)
25	3/4"	15150 L/H	FLOWFSIV025T1M0150
25	3/4"	25-250 L/H	FLOWFSIV025T1M0250
25	3/4"	45-450 L/H	FLOWFSIV025T1M0450
25	3/4"	70-700 L/H	FLOWFSIV025T1M0700
32	1"	25-250 L/H	FLOWFSIV032T1M0250
32	1"	40-400 L/H	FLOWFSIV032T1M0400
32	1"	65-650 L/H	FLOWFSIV032T1M0650
32	1"	100-1000 L/H	FLOWFSIV032T1M1000
40	11/4"	100-1000 L/H	FLOWFSIV040T1M1000
40	11/4"	160-1600 L/H	FLOWFSIV040T1M1600
40	11/4"	200-2500 L/H	FLOWFSIV040T1M2500
50	1½"	150-15000 L/H	FLOWFSIV050T1M1600
50	11/2"	200-2200 L/H	FLOWFSIV050T1M2200
50	11/2"	250-2500 L/H	FLOWFSIV050T1M2500
63	2"	250-2500 L/H	FLOWFSIV063T1M2500
63	2"	350-3500 L/H	FLOWFSIV063T1M3500
63	2"	500-5000 L/H	FLOWFSIV063T1M5000
75	21/2"	1000-8000 L/H	FLOWFSIV075T1M8000
75	2½"	1000-10 000 L/H	FLOWFSIV075T1M0010
75	21/2"	5000-25 000 L/H	FLOWFSIV075T1M0025

Size	Tube Length
DN 20/25MM 3/4 INCH TO DN 65/75MM 21/2"	350mm = Stays the same for all sizes.



# **FLOWMETERS**



# Threaded End Connectors for

Flow Meter FC/FS



Code: FLOSQR2

code.	FLUSUNZ
BSP	Code
1/2"	FLOSQR20500
3/4"	FLOSQR20750
1"	FLOSQR21000
1 1/4"	FLOSQR21250
1 1/2"	FLOSQR21500
2"	FLOSQR22000
2 1/2"	FLOSQR22500

# **EXTRAS: PRICE ON REQUEST**

CPVC END CONNECTORS

PP END CONNECTORS

O RINGS FPM

SPECIAL SCALES

FLOWMETERS FOR NAOH

FLOWMETERS FOR HCI

FLOWMETERS FOR AIR

FLOATS WITH MAGNET

STAINLESS STEEL END CONNECTIONS

MALLEABLE IRON END CONNECTIONS

ACCESSORIES
Microswitch MAX
Microswitch MIN

