ASAHI YUKIZAI ASAHIAV

Product Range Catalogue 2020 (Europe)

Thermoplastic Valves

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Available materials

Body:	PP	FCDS	**Seal:**	EPDM	NBR
	PVDF	STAINLESS STEEL		FKM	CSM
	EL-PVDF			FKM-C	
	PDCPD			FKM-F	
	PVC-U			PTFE	
	PVC-C			EL-PTFE	
	HI-PVC			PFA	

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Automation - Electric

Wide range of electric actuators and accessories available; Please contact us for more details.		

LEGAL STATEMENT

The technical data and information are not binding. They neither constitute expressly warranted characteristics nor guaranteed properties nor a guaranteed durability. They are subject to modification. Our General Terms of Sale apply.

Ball valves

Ball Valve Type 21a / Type 21

Model:

- Lever
- Dynamic seal system with ball seals in PTFE
- Fastening system
- ISO 5211 top flange
- Standard: DIN (European)

Option:

- Metal insert for fastening system
- Lubricant free
- Handle locking device
- Vented ball
- Other standards: ANSI, JIS

Body:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U
Seal:	EPDM	EPDM	EPDM	FKM	FKM	FKM	FKM-F	FKM-F	FKM-F
Connection:	SOCKET	THREADED	FLANGED	SOCKET	THREADED	FLANGED	SOCKET	THREADED	FLANGED
DN (mm)									
10	V21LVUESD010	V21LVUEND010	V21LVUEFD010	V21LVUVSD010	V21LVUVND010	V21LVUVFD010	V21LVUFSD010	V21LVUFND010	V21LVUFFD010
15	V2ALVUESD015	V2ALVUEND015	V2ALVUEFD015	V2ALVUVSD015	V2ALVUVND015	V2ALVUVFD015	V2ALVUFSD015	V2ALVUFND015	V2ALVUFFD015
20	V2ALVUESD020	V2ALVUEND020	V2ALVUEFD020	V2ALVUVSD020	V2ALVUVND020	V2ALVUVFD020	V2ALVUFSD020	V2ALVUFND020	V2ALVUFFD020
25	V2ALVUESD025	V2ALVUEND025	V2ALVUEFD025	V2ALVUVSD025	V2ALVUVND025	V2ALVUVFD025	V2ALVUFSD025	V2ALVUFND025	V2ALVUFFD025
32	V2ALVUESD032	V2ALVUEND032	V2ALVUEFD032	V2ALVUVSD032	V2ALVUVND032	V2ALVUVFD032	V2ALVUFSD032	V2ALVUFND032	V2ALVUFFD032
40	V2ALVUESD040	V2ALVUEND040	V2ALVUEFD040	V2ALVUVSD040	V2ALVUVND040	V2ALVUVFD040	V2ALVUFSD040	V2ALVUFND040	V2ALVUFFD040
50	V2ALVUESD050	V2ALVUEND050	V2ALVUEFD050	V2ALVUVSD050	V2ALVUVND050	V2ALVUVFD050	V2ALVUFSD050	V2ALVUFND050	V2ALVUFFD050
65	V21LVUESD065	V21LVUEND065	V21LVUEFD065	V21LVUVSD065	V21LVUVND065	V21LVUVFD065	V21LVUFSD065	V21LVUFND065	V21LVUFFD065
80	V21LVUESD080	V21LVUEND080	V21LVUEFD080	V21LVUVSD080	V21LVUVND080	V21LVUVFD080	V21LVUFSD080	V21LVUFND080	V21LVUFFD080
100	V21LVUESD100	V21LVUEND100	V21LVUEFD100	V21LVUVSD100	V21LVUVND100	V21LVUVFD100	V21LVUFSD100	V21LVUFND100	V21LVUFFD100

Body:	PVC-U	PVC-U	PVC-U
Seal:	FKM-C	FKM-C	FKM-C
Connection:	SOCKET	THREADED	FLANGED
DN (mm)			
10	V21LVUCSD010	V21LVUCND010	V21LVUCFD010
15	V2ALVUCSD015	V2ALVUCND015	V2ALVUCFD015
20	V2ALVUCSD020	V2ALVUCND020	V2ALVUCFD020
25	V2ALVUCSD025	V2ALVUCND025	V2ALVUCFD025
32	V2ALVUCSD032	V2ALVUCND032	V2ALVUCFD032
40	V2ALVUCSD040	V2ALVUCND040	V2ALVUCFD040
50	V2ALVUCSD050	V2ALVUCND050	V2ALVUCFD050
65	V21LVUCSD065	V21LVUCND065	V21LVUCFD065
80	V21LVUCSD080	V21LVUCND080	V21LVUCFD080
100	V21LVUCSD100	V21LVUCND100	V21LVUCFD100

Body:	PVC-C	PVC-C	PVC-C	PVC-C	PVC-C	PVC-C	PVC-C	PVC-C	PVC-C
Seal:	EPDM	EPDM	EPDM	FKM	FKM	FKM	FKM-F	FKM-F	FKM-F
Connection:	SOCKET	THREADED	FLANGED	SOCKET	THREADED	FLANGED	SOCKET	THREADED	FLANGED
DN (mm)									
15	V2ALVCESD015	V2ALVCEND015	V2ALVCEFD015	V2ALVCVSD015	V2ALVCVND015	V2ALVCVFD015	V2ALVCFSD015	V2ALVCFND015	V2ALVCFFD015
20	V2ALVCESD020	V2ALVCEND020	V2ALVCEFD020	V2ALVCVSD020	V2ALVCVND020	V2ALVCVFD020	V2ALVCFSD020	V2ALVCFND020	V2ALVCFFD020
25	V2ALVCESD025	V2ALVCEND025	V2ALVCEFD025	V2ALVCVSD025	V2ALVCVND025	V2ALVCVFD025	V2ALVCFSD025	V2ALVCFND025	V2ALVCFFD025
32	V2ALVCESD032	V2ALVCEND032	V2ALVCEFD032	V2ALVCVSD032	V2ALVCVND032	V2ALVCVFD032	V2ALVCFSD032	V2ALVCFND032	V2ALVCFFD032
40	V2ALVCESD040	V2ALVCEND040	V2ALVCEFD040	V2ALVCVSD040	V2ALVCVND040	V2ALVCVFD040	V2ALVCFSD040	V2ALVCFND040	V2ALVCFFD040
50	V2ALVCESD050	V2ALVCEND050	V2ALVCEFD050	V2ALVCVSD050	V2ALVCVND050	V2ALVCVFD050	V2ALVCFSD050	V2ALVCFND050	V2ALVCFFD050
65	V21LVCESD065	V21LVCEND065	V21LVCEFD065	V21LVCVSD065	V21LVCVND065	V21LVCVFD065	V21LVCFSD065	V21LVCFND065	V21LVCFFD065
80	V21LVCESD080	V21LVCEND080	V21LVCEFD080	V21LVCVSD080	V21LVCVND080	V21LVCVFD080	V21LVCFSD080	V21LVCFND080	V21LVCFFD080
100	V21LVCESD100	V21LVCEND100	V21LVCEFD100	V21LVCVSD100	V21LVCVND100	V21LVCVFD100	V21LVCFSD100	V21LVCFND100	V21LVCFFD100

Table continues on the next page...

Body:	PVC-C	PVC-C	PVC-C
Seal:	FKM-C	FKM-C	FKM-C
Connection:	SOCKET	THREADED	FLANGED
DN (mm)			
15	V2ALVCCSD015	V2ALVCCND015	V2ALVCCFD015
20	V2ALVCCSD020	V2ALVCCND020	V2ALVCCFD020
25	V2ALVCCSD025	V2ALVCCND025	V2ALVCCFD025
32	V2ALVCCSD032	V2ALVCCND032	V2ALVCCFD032
40	V2ALVCCSD040	V2ALVCCND040	V2ALVCCFD040
50	V2ALVCCSD050	V2ALVCCND050	V2ALVCCFD050
65	V21LVCCSD065	V21LVCCND065	V21LVCCFD065
80	V21LVCCSD080	V21LVCCND080	V21LVCCFD080
100	V21LVCCSD100	V21LVCCND100	V21LVCCFD100

Body:	PP	PP	PP	PP	PP	PP	PP	PP
Seal:	EPDM	EPDM	EPDM	EPDM	FKM	FKM	FKM	FKM
Connection:	SOCKET	THREADED	SPIGOT	FLANGED	SOCKET	THREADED	SPIGOT	FLANGED
DN (mm)								
10[1]	V21LVPESD010	V21LVPEND010	V21LVPEPD010	V21LVPEFD010	V21LVPVSD010	V21LVPVND010	V21LVPVPD010	V21LVPVFD010
15	V21LVPESD015	V21LVPEND015	V21LVPEPD015	V21LVPEFD015	V21LVPVSD015	V21LVPVND015	V21LVPVPD015	V21LVPVFD015
20	V21LVPESD020	V21LVPEND020	V21LVPEPD020	V21LVPEFD020	V21LVPVSD020	V21LVPVND020	V21LVPVPD020	V21LVPVFD020
25	V21LVPESD025	V21LVPEND025	V21LVPEPD025	V21LVPEFD025	V21LVPVSD025	V21LVPVND025	V21LVPVPD025	V21LVPVFD025
32	V21LVPESD032	V21LVPEND032	V21LVPEPD032	V21LVPEFD032	V21LVPVSD032	V21LVPVND032	V21LVPVPD032	V21LVPVFD032
40	V21LVPESD040	V21LVPEND040	V21LVPEPD040	V21LVPEFD040	V21LVPVSD040	V21LVPVND040	V21LVPVPD040	V21LVPVFD040
50	V21LVPESD050	V21LVPEND050	V21LVPEPD050	V21LVPEFD050	V21LVPVSD050	V21LVPVND050	V21LVPVPD050	V21LVPVFD050
65	V21LVPESD065	V21LVPEND065	V21LVPEPD065	V21LVPEFD065	V21LVPVSD065	V21LVPVND065	V21LVPVPD065	V21LVPVFD065
80	V21LVPESD080	V21LVPEND080	V21LVPEPD080	V21LVPEFD080	V21LVPVSD080	V21LVPVND080	V21LVPVPD080	V21LVPVFD080
100	V21LVPESD100	V21LVPEND100	V21LVPEPD100	V21LVPEFD100	V21LVPVSD100	V21LVPVND100	V21LVPVPD100	V21LVPVFD100

[1] : DN10 spigot-end version: pipe wall thickness to be specified.

Body:	PP	PP	PP	PP	PP	PP	PP	PP
Seal:	FKM-F	FKM-F	FKM-F	FKM-F	FKM-C	FKM-C	FKM-C	FKM-C
Connection:	SOCKET	THREADED	SPIGOT	FLANGED	SOCKET	THREADED	SPIGOT	FLANGED
DN (mm)								
10[1]	V21LVPFSD010	V21LVPFND010	V21LVPFPD010	V21LVPFFD010	V21LVPCSD010	V21LVPCND010	V21LVPCPD010	V21LVPCFD010
15	V21LVPFSD015	V21LVPFND015	V21LVPFPD015	V21LVPFFD015	V21LVPCSD015	V21LVPCND015	V21LVPCPD015	V21LVPCFD015
20	V21LVPFSD020	V21LVPFND020	V21LVPFPD020	V21LVPFFD020	V21LVPCSD020	V21LVPCND020	V21LVPCPD020	V21LVPCFD020
25	V21LVPFSD025	V21LVPFND025	V21LVPFPD025	V21LVPFFD025	V21LVPCSD025	V21LVPCND025	V21LVPCPD025	V21LVPCFD025
32	V21LVPFSD032	V21LVPFND032	V21LVPFPD032	V21LVPFFD032	V21LVPCSD032	V21LVPCND032	V21LVPCPD032	V21LVPCFD032
40	V21LVPFSD040	V21LVPFND040	V21LVPFPD040	V21LVPFFD040	V21LVPCSD040	V21LVPCND040	V21LVPCPD040	V21LVPCFD040
50	V21LVPFSD050	V21LVPFND050	V21LVPFPD050	V21LVPFFD050	V21LVPCSD050	V21LVPCND050	V21LVPCPD050	V21LVPCFD050
65	V21LVPFSD065	V21LVPFND065	V21LVPFPD065	V21LVPFFD065	V21LVPCSD065	V21LVPCND065	V21LVPCPD065	V21LVPCFD065
80	V21LVPFSD080	V21LVPFND080	V21LVPFPD080	V21LVPFFD080	V21LVPCSD080	V21LVPCND080	V21LVPCPD080	V21LVPCFD080
100	V21LVPFSD100	V21LVPFND100	V21LVPFPD100	V21LVPFFD100	V21LVPCSD100	V21LVPCND100	V21LVPCPD100	V21LVPCFD100

[1] : DN10 spigot-end version: pipe wall thickness to be specified.

Body:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seal:	EPDM	EPDM	EPDM	EPDM	FKM	FKM	FKM	FKM
Connection:	SOCKET	THREADED	SPIGOT	FLANGED	SOCKET	THREADED	SPIGOT	FLANGED
DN (mm)								
10[1]	V21LVFESD010	V21LVFEND010	V21LVFEPD010	V21LVFEFD010	V21LVFVSD010	V21LVFVND010	V21LVFVPD010	V21LVFVFD010
15	V21LVFESD015	V21LVFEND015	V21LVFEPD015	V21LVFEFD015	V21LVFVSD015	V21LVFVND015	V21LVFVPD015	V21LVFVFD015
20	V21LVFESD020	V21LVFEND020	V21LVFEPD020	V21LVFEFD020	V21LVFVSD020	V21LVFVND020	V21LVFVPD020	V21LVFVFD020
25	V21LVFESD025	V21LVFEND025	V21LVFEPD025	V21LVFEFD025	V21LVFVSD025	V21LVFVND025	V21LVFVPD025	V21LVFVFD025
32	V21LVFESD032	V21LVFEND032	V21LVFEPD032	V21LVFEFD032	V21LVFVSD032	V21LVFVND032	V21LVFVPD032	V21LVFVFD032
40	V21LVFESD040	V21LVFEND040	V21LVFEPD040	V21LVFEFD040	V21LVFVSD040	V21LVFVND040	V21LVFVPD040	V21LVFVFD040
50	V21LVFESD050	V21LVFEND050	V21LVFEPD050	V21LVFEFD050	V21LVFVSD050	V21LVFVND050	V21LVFVPD050	V21LVFVFD050
65	V21LVFESD065	V21LVFEND065	V21LVFEPD065	V21LVFEFD065	V21LVFVSD065	V21LVFVND065	V21LVFVPD065	V21LVFVFD065
80	V21LVFESD080	V21LVFEND080	V21LVFEPD080	V21LVFEFD080	V21LVFVSD080	V21LVFVND080	V21LVFVPD080	V21LVFVFD080
100	V21LVFESD100	V21LVFEND100	V21LVFEPD100	V21LVFEFD100	V21LVFVSD100	V21LVFVND100	V21LVFVPD100	V21LVFVFD100

[1] : DN10 spigot-end version: pipe wall thickness to be specified.

Table continues on the next page...

Body:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seal:	FKM-F	FKM-F	FKM-F	FKM-F	FKM-C	FKM-C	FKM-C	FKM-C
Connection:	SOCKET	THREADED	SPIGOT	FLANGED	SOCKET	THREADED	SPIGOT	FLANGED
DN (mm)								
10[1]	V21LVFFSD010	V21LVFFND010	V21LVFFPD010	V21LVFFFD010	V21LVFCSD010	V21LVFCND010	V21LVFCPD010	V21LVFCFD010
15	V21LVFFSD015	V21LVFFND015	V21LVFFPD015	V21LVFFFD015	V21LVFCSD015	V21LVFCND015	V21LVFCPD015	V21LVFCFD015
20	V21LVFFSD020	V21LVFFND020	V21LVFFPD020	V21LVFFFD020	V21LVFCSD020	V21LVFCND020	V21LVFCPD020	V21LVFCFD020
25	V21LVFFSD025	V21LVFFND025	V21LVFFPD025	V21LVFFFD025	V21LVFCSD025	V21LVFCND025	V21LVFCPD025	V21LVFCFD025
32	V21LVFFSD032	V21LVFFND032	V21LVFFPD032	V21LVFFFD032	V21LVFCSD032	V21LVFCND032	V21LVFCPD032	V21LVFCFD032
40	V21LVFFSD040	V21LVFFND040	V21LVFFPD040	V21LVFFFD040	V21LVFCSD040	V21LVFCND040	V21LVFCPD040	V21LVFCFD040
50	V21LVFFSD050	V21LVFFND050	V21LVFFPD050	V21LVFFFD050	V21LVFCSD050	V21LVFCND050	V21LVFCPD050	V21LVFCFD050
65	V21LVFFSD065	V21LVFFND065	V21LVFFPD065	V21LVFFFD065	V21LVFCSD065	V21LVFCND065	V21LVFCPD065	V21LVFCFD065
80	V21LVFFSD080	V21LVFFND080	V21LVFFPD080	V21LVFFFD080	V21LVFCSD080	V21LVFCND080	V21LVFCPD080	V21LVFCFD080
100	V21LVFFSD100	V21LVFFND100	V21LVFFPD100	V21LVFFFD100	V21LVFCSD100	V21LVFCND100	V21LVFCPD100	V21LVFCFD100

[1] : DN10 spigot-end version: pipe wall thickness to be specified.

Flow Control Ball Valve Type 21a

NEW

Model:

- Lever
- Linear flow
- Dynamic seal system with ball seals in PTFE
- Fastening system
- Standard: DIN (European)

Option:

- Metal insert for fastening system
- Lubricant free
- Other standards: ANSI, JIS

Body:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U
Seal:	EPDM	EPDM	EPDM	FKM	FKM	FKM	FKM-F	FKM-F	FKM-F
Connection:	SOCKET	THREADED	FLANGED	SOCKET	THREADED	FLANGED	SOCKET	THREADED	FLANGED
DN (mm)									
15	V2ALCUESD015	V2ALCUEND015	V2ALCUEFD015	V2ALCUVSD015	V2ALCUVND015	V2ALCUVFD015	V2ALCUFSD015	V2ALCUFND015	V2ALCUFFD015
20	V2ALCUESD020	V2ALCUEND020	V2ALCUEFD020	V2ALCUVSD020	V2ALCUVND020	V2ALCUVFD020	V2ALCUFSD020	V2ALCUFND020	V2ALCUFFD020
25	V2ALCUESD025	V2ALCUEND025	V2ALCUEFD025	V2ALCUVSD025	V2ALCUVND025	V2ALCUVFD025	V2ALCUFSD025	V2ALCUFND025	V2ALCUFFD025
32	V2ALCUESD032	V2ALCUEND032	V2ALCUEFD032	V2ALCUVSD032	V2ALCUVND032	V2ALCUVFD032	V2ALCUFSD032	V2ALCUFND032	V2ALCUFFD032
40	V2ALCUESD040	V2ALCUEND040	V2ALCUEFD040	V2ALCUVSD040	V2ALCUVND040	V2ALCUVFD040	V2ALCUFSD040	V2ALCUFND040	V2ALCUFFD040
50	V2ALCUESD050	V2ALCUEND050	V2ALCUEFD050	V2ALCUVSD050	V2ALCUVND050	V2ALCUVFD050	V2ALCUFSD050	V2ALCUFND050	V2ALCUFFD050

Body:	PVC-U	PVC-U	PVC-U	PVC-C	PVC-C	PVC-C	PVC-C	PVC-C	PVC-C
Seal:	FKM-C	FKM-C	FKM-C	EPDM	EPDM	EPDM	FKM	FKM	FKM
Connection:	SOCKET	THREADED	FLANGED	SOCKET	THREADED	FLANGED	SOCKET	THREADED	FLANGED
DN (mm)									
15	V2ALCUCSD015	V2ALCUCND015	V2ALCUCFD015	V2ALCCESD015	V2ALCCEND015	V2ALCCEFD015	V2ALCCVSD015	V2ALCCVND015	V2ALCCVFD015
20	V2ALCUCSD020	V2ALCUCND020	V2ALCUCFD020	V2ALCCESD020	V2ALCCEND020	V2ALCCEFD020	V2ALCCVSD020	V2ALCCVND020	V2ALCCVFD020
25	V2ALCUCSD025	V2ALCUCND025	V2ALCUCFD025	V2ALCCESD025	V2ALCCEND025	V2ALCCEFD025	V2ALCCVSD025	V2ALCCVND025	V2ALCCVFD025
32	V2ALCUCSD032	V2ALCUCND032	V2ALCUCFD032	V2ALCCESD032	V2ALCCEND032	V2ALCCEFD032	V2ALCCVSD032	V2ALCCVND032	V2ALCCVFD032
40	V2ALCUCSD040	V2ALCUCND040	V2ALCUCFD040	V2ALCCESD040	V2ALCCEND040	V2ALCCEFD040	V2ALCCVSD040	V2ALCCVND040	V2ALCCVFD040
50	V2ALCUCSD050	V2ALCUCND050	V2ALCUCFD050	V2ALCCESD050	V2ALCCEND050	V2ALCCEFD050	V2ALCCVSD050	V2ALCCVND050	V2ALCCVFD050

Body:	PVC-C	PVC-C	PVC-C	PVC-C	PVC-C	PVC-C
Seal:	FKM-F	FKM-F	FKM-F	FKM-C	FKM-C	FKM-C
Connection:	SOCKET	THREADED	FLANGED	SOCKET	THREADED	FLANGED
DN (mm)						
15	V2ALCCFSD015	V2ALCCFND015	V2ALCCFFD015	V2ALCCCSD015	V2ALCCCND015	V2ALCCCFD015
20	V2ALCCFSD020	V2ALCCFND020	V2ALCCFFD020	V2ALCCCSD020	V2ALCCCND020	V2ALCCCFD020
25	V2ALCCFSD025	V2ALCCFND025	V2ALCCFFD025	V2ALCCCSD025	V2ALCCCND025	V2ALCCCFD025
32	V2ALCCFSD032	V2ALCCFND032	V2ALCCFFD032	V2ALCCCSD032	V2ALCCCND032	V2ALCCCFD032
40	V2ALCCFSD040	V2ALCCFND040	V2ALCCFFD040	V2ALCCCSD040	V2ALCCCND040	V2ALCCCFD040
50	V2ALCCFSD050	V2ALCCFND050	V2ALCCFFD050	V2ALCCCSD050	V2ALCCCND050	V2ALCCCFD050

Accessories and options for Ball Valve Type 21a / Type 21

- **Locking device set**

  See chapter " Parts & Part Kits ".

Note: pad-lock not included.

- **Stem extension set**

- **Vented ball**

  For volatile media

- **Handle lever set**

  Colours:
  Red (standard), blue, yellow, white, green
  See chapter " Parts & Part Kits ".

- **Limit switch**

  See " Parts & Part Kits ".

3-Way Ball Valve Type 23 - Vertical

Model:

- Lever
- L-port ball
- Dynamic seal system with ball seals in PTFE
- ISO 5211 top flange
- Standard: DIN (European)

Option:

- Double "W" L-port ball
- Cross-port ball (DN 15-50)
- Lubricant free
- Other standards: ANSI, JIS

Body:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U
Seal:	EPDM	EPDM	EPDM	FKM	FKM	FKM	FKM-F	FKM-F	FKM-F
Connection:	SOCKET	THREADED	FLANGED	SOCKET	THREADED	FLANGED	SOCKET	THREADED	FLANGED
DN (mm)									
15	V23LVUESD015	V23LVUEND015	V23LVUEFD015	V23LVUVSD015	V23LVUVND015	V23LVUVFD015	V23LVUFSD015	V23LVUFND015	V23LVUFFD015
20	V23LVUESD020	V23LVUEND020	V23LVUEFD020	V23LVUVSD020	V23LVUVND020	V23LVUVFD020	V23LVUFSD020	V23LVUFND020	V23LVUFFD020
25	V23LVUESD025	V23LVUEND025	V23LVUEFD025	V23LVUVSD025	V23LVUVND025	V23LVUVFD025	V23LVUFSD025	V23LVUFND025	V23LVUFFD025
32	V23LVUESD032	V23LVUEND032	V23LVUEFD032	V23LVUVSD032	V23LVUVND032	V23LVUVFD032	V23LVUFSD032	V23LVUFND032	V23LVUFFD032
40	V23LVUESD040	V23LVUEND040	V23LVUEFD040	V23LVUVSD040	V23LVUVND040	V23LVUVFD040	V23LVUFSD040	V23LVUFND040	V23LVUFFD040
50	V23LVUESD050	V23LVUEND050	V23LVUEFD050	V23LVUVSD050	V23LVUVND050	V23LVUVFD050	V23LVUFSD050	V23LVUFND050	V23LVUFFD050
65	V23LVUESD065	V23LVUEND065	V23LVUEFD065	V23LVUVSD065	V23LVUVND065	V23LVUVFD065	V23LVUFSD065	V23LVUFND065	V23LVUFFD065
80	V23LVUESD080	V23LVUEND080	V23LVUEFD080	V23LVUVSD080	V23LVUVND080	V23LVUVFD080	V23LVUFSD080	V23LVUFND080	V23LVUFFD080
100	V23LVUESD100	V23LVUEND100	V23LVUEFD100	V23LVUVSD100	V23LVUVND100	V23LVUVFD100	V23LVUFSD100	V23LVUFND100	V23LVUFFD100

Body:	PVC-U	PVC-U	PVC-U	PVC-C	PVC-C	PVC-C	PVC-C	PVC-C	PVC-C
Seal:	FKM-C	FKM-C	FKM-C	EPDM	EPDM	EPDM	FKM	FKM	FKM
Connection:	SOCKET	THREADED	FLANGED	SOCKET	THREADED	FLANGED	SOCKET	THREADED	FLANGED
DN (mm)									
15	V23LVUCSD015	V23LVUCND015	V23LVUCFD015	V23LVCESD015	V23LVCEND015	V23LVCEFD015	V23LVCVSD015	V23LVCVND015	V23LVCVFD015
20	V23LVUCSD020	V23LVUCND020	V23LVUCFD020	V23LVCESD020	V23LVCEND020	V23LVCEFD020	V23LVCVSD020	V23LVCVND020	V23LVCVFD020
25	V23LVUCSD025	V23LVUCND025	V23LVUCFD025	V23LVCESD025	V23LVCEND025	V23LVCEFD025	V23LVCVSD025	V23LVCVND025	V23LVCVFD025
32	V23LVUCSD032	V23LVUCND032	V23LVUCFD032	V23LVCESD032	V23LVCEND032	V23LVCEFD032	V23LVCVSD032	V23LVCVND032	V23LVCVFD032
40	V23LVUCSD040	V23LVUCND040	V23LVUCFD040	V23LVCESD040	V23LVCEND040	V23LVCEFD040	V23LVCVSD040	V23LVCVND040	V23LVCVFD040
50	V23LVUCSD050	V23LVUCND050	V23LVUCFD050	V23LVCESD050	V23LVCEND050	V23LVCEFD050	V23LVCVSD050	V23LVCVND050	V23LVCVFD050
65	V23LVUCSD065	V23LVUCND065	V23LVUCFD065	V23LVCESD065	V23LVCEND065	V23LVCEFD065	V23LVCVSD065	V23LVCVND065	V23LVCVFD065
80	V23LVUCSD080	V23LVUCND080	V23LVUCFD080	V23LVCESD080	V23LVCEND080	V23LVCEFD080	V23LVCVSD080	V23LVCVND080	V23LVCVFD080
100	V23LVUCSD100	V23LVUCND100	V23LVUCFD100	V23LVCESD100	V23LVCEND100	V23LVCEFD100	V23LVCVSD100	V23LVCVND100	V23LVCVFD100

Table continues on the next page...

Body:	PVC-C	PVC-C	PVC-C	PVC-C	PVC-C	PVC-C
Seal:	FKM-F	FKM-F	FKM-F	FKM-C	FKM-C	FKM-C
Connection:	SOCKET	THREADED	FLANGED	SOCKET	THREADED	FLANGED
DN (mm)						
15	V23LVCFSD015	V23LVCFND015	V23LVCFFD015	V23LVCCSD015	V23LVCCND015	V23LVCCFD015
20	V23LVCFSD020	V23LVCFND020	V23LVCFFD020	V23LVCCSD020	V23LVCCND020	V23LVCCFD020
25	V23LVCFSD025	V23LVCFND025	V23LVCFFD025	V23LVCCSD025	V23LVCCND025	V23LVCCFD025
32	V23LVCFSD032	V23LVCFND032	V23LVCFFD032	V23LVCCSD032	V23LVCCND032	V23LVCCFD032
40	V23LVCFSD040	V23LVCFND040	V23LVCFFD040	V23LVCCSD040	V23LVCCND040	V23LVCCFD040
50	V23LVCFSD050	V23LVCFND050	V23LVCFFD050	V23LVCCSD050	V23LVCCND050	V23LVCCFD050
65	V23LVCFSD065	V23LVCFND065	V23LVCFFD065	V23LVCCSD065	V23LVCCND065	V23LVCCFD065
80	V23LVCFSD080	V23LVCFND080	V23LVCFFD080	V23LVCCSD080	V23LVCCND080	V23LVCCFD080
100	V23LVCFSD100	V23LVCFND100	V23LVCFFD100	V23LVCCSD100	V23LVCCND100	V23LVCCFD100

Body:	PP	PP	PP	PP	PP	PP	PP	PP
Seal:	EPDM	EPDM	EPDM	EPDM	FKM	FKM	FKM	FKM
Connection:	SOCKET	THREADED	SPIGOT	FLANGED	SOCKET	THREADED	SPIGOT	FLANGED
DN (mm)								
15	V23LVPESD015	V23LVPEND015	V23LVPEPD015	V23LVPEFD015	V23LVPVSD015	V23LVPVND015	V23LVPVPD015	V23LVPVFD015
20	V23LVPESD020	V23LVPEND020	V23LVPEPD020	V23LVPEFD020	V23LVPVSD020	V23LVPVND020	V23LVPVPD020	V23LVPVFD020
25	V23LVPESD025	V23LVPEND025	V23LVPEPD025	V23LVPEFD025	V23LVPVSD025	V23LVPVND025	V23LVPVPD025	V23LVPVFD025
32	V23LVPESD032	V23LVPEND032	V23LVPEPD032	V23LVPEFD032	V23LVPVSD032	V23LVPVND032	V23LVPVPD032	V23LVPVFD032
40	V23LVPESD040	V23LVPEND040	V23LVPEPD040	V23LVPEFD040	V23LVPVSD040	V23LVPVND040	V23LVPVPD040	V23LVPVFD040
50	V23LVPESD050	V23LVPEND050	V23LVPEPD050	V23LVPEFD050	V23LVPVSD050	V23LVPVND050	V23LVPVPD050	V23LVPVFD050
65	V23LVPESD065	V23LVPEND065	V23LVPEPD065	V23LVPEFD065	V23LVPVSD065	V23LVPVND065	V23LVPVPD065	V23LVPVFD065
80	V23LVPESD080	V23LVPEND080	V23LVPEPD080	V23LVPEFD080	V23LVPVSD080	V23LVPVND080	V23LVPVPD080	V23LVPVFD080
100	V23LVPESD100	V23LVPEND100	V23LVPEPD100	V23LVPEFD100	V23LVPVSD100	V23LVPVND100	V23LVPVPD100	V23LVPVFD100

Body:	PP	PP	PP	PP	PP	PP	PP	PP
Seal:	FKM-F	FKM-F	FKM-F	FKM-F	FKM-C	FKM-C	FKM-C	FKM-C
Connection:	SOCKET	THREADED	SPIGOT	FLANGED	SOCKET	THREADED	SPIGOT	FLANGED
DN (mm)								
15	V23LVPFSD015	V23LVPFND015	V23LVPFPD015	V23LVPFFD015	V23LVPCSD015	V23LVPCND015	V23LVPCPD015	V23LVPCFD015
20	V23LVPFSD020	V23LVPFND020	V23LVPFPD020	V23LVPFFD020	V23LVPCSD020	V23LVPCND020	V23LVPCPD020	V23LVPCFD020
25	V23LVPFSD025	V23LVPFND025	V23LVPFPD025	V23LVPFFD025	V23LVPCSD025	V23LVPCND025	V23LVPCPD025	V23LVPCFD025
32	V23LVPFSD032	V23LVPFND032	V23LVPFPD032	V23LVPFFD032	V23LVPCSD032	V23LVPCND032	V23LVPCPD032	V23LVPCFD032
40	V23LVPFSD040	V23LVPFND040	V23LVPFPD040	V23LVPFFD040	V23LVPCSD040	V23LVPCND040	V23LVPCPD040	V23LVPCFD040
50	V23LVPFSD050	V23LVPFND050	V23LVPFPD050	V23LVPFFD050	V23LVPCSD050	V23LVPCND050	V23LVPCPD050	V23LVPCFD050
65	V23LVPFSD065	V23LVPFND065	V23LVPFPD065	V23LVPFFD065	V23LVPCSD065	V23LVPCND065	V23LVPCPD065	V23LVPCFD065
80	V23LVPFSD080	V23LVPFND080	V23LVPFPD080	V23LVPFFD080	V23LVPCSD080	V23LVPCND080	V23LVPCPD080	V23LVPCFD080
100	V23LVPFSD100	V23LVPFND100	V23LVPFPD100	V23LVPFFD100	V23LVPCSD100	V23LVPCND100	V23LVPCPD100	V23LVPCFD100

Body:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seal:	EPDM	EPDM	EPDM	EPDM	FKM	FKM	FKM	FKM
Connection:	SOCKET	THREADED	SPIGOT	FLANGED	SOCKET	THREADED	SPIGOT	FLANGED
DN (mm)								
15	V23LVFESD015	V23LVFEND015	V23LVFEPD015	V23LVFEFD015	V23LVFVSD015	V23LVFVND015	V23LVFVPD015	V23LVFVFD015
20	V23LVFESD020	V23LVFEND020	V23LVFEPD020	V23LVFEFD020	V23LVFVSD020	V23LVFVND020	V23LVFVPD020	V23LVFVFD020
25	V23LVFESD025	V23LVFEND025	V23LVFEPD025	V23LVFEFD025	V23LVFVSD025	V23LVFVND025	V23LVFVPD025	V23LVFVFD025
32	V23LVFESD032	V23LVFEND032	V23LVFEPD032	V23LVFEFD032	V23LVFVSD032	V23LVFVND032	V23LVFVPD032	V23LVFVFD032
40	V23LVFESD040	V23LVFEND040	V23LVFEPD040	V23LVFEFD040	V23LVFVSD040	V23LVFVND040	V23LVFVPD040	V23LVFVFD040
50	V23LVFESD050	V23LVFEND050	V23LVFEPD050	V23LVFEFD050	V23LVFVSD050	V23LVFVND050	V23LVFVPD050	V23LVFVFD050
65	V23LVFESD065	V23LVFEND065	V23LVFEPD065	V23LVFEFD065	V23LVFVSD065	V23LVFVND065	V23LVFVPD065	V23LVFVFD065
80	V23LVFESD080	V23LVFEND080	V23LVFEPD080	V23LVFEFD080	V23LVFVSD080	V23LVFVND080	V23LVFVPD080	V23LVFVFD080
100	V23LVFESD100	V23LVFEND100	V23LVFEPD100	V23LVFEFD100	V23LVFVSD100	V23LVFVND100	V23LVFVPD100	V23LVFVFD100

Body:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seal:	FKM-F	FKM-F	FKM-F	FKM-F	FKM-C	FKM-C	FKM-C	FKM-C
Connection:	SOCKET	THREADED	SPIGOT	FLANGED	SOCKET	THREADED	SPIGOT	FLANGED
DN (mm)								
15	V23LVFFSD015	V23LVFFND015	V23LVFFPD015	V23LVFFFD015	V23LVFCSD015	V23LVFCND015	V23LVFCPD015	V23LVFCFD015
20	V23LVFFSD020	V23LVFFND020	V23LVFFPD020	V23LVFFFD020	V23LVFCSD020	V23LVFCND020	V23LVFCPD020	V23LVFCFD020
25	V23LVFFSD025	V23LVFFND025	V23LVFFPD025	V23LVFFFD025	V23LVFCSD025	V23LVFCND025	V23LVFCPD025	V23LVFCFD025
32	V23LVFFSD032	V23LVFFND032	V23LVFFPD032	V23LVFFFD032	V23LVFCSD032	V23LVFCND032	V23LVFCPD032	V23LVFCFD032
40	V23LVFFSD040	V23LVFFND040	V23LVFFPD040	V23LVFFFD040	V23LVFCSD040	V23LVFCND040	V23LVFCPD040	V23LVFCFD040
50	V23LVFFSD050	V23LVFFND050	V23LVFFPD050	V23LVFFFD050	V23LVFCSD050	V23LVFCND050	V23LVFCPD050	V23LVFCFD050
65	V23LVFFSD065	V23LVFFND065	V23LVFFPD065	V23LVFFFD065	V23LVFCSD065	V23LVFCND065	V23LVFCPD065	V23LVFCFD065
80	V23LVFFSD080	V23LVFFND080	V23LVFFPD080	V23LVFFFD080	V23LVFCSD080	V23LVFCND080	V23LVFCPD080	V23LVFCFD080
100	V23LVFFSD100	V23LVFFND100	V23LVFFPD100	V23LVFFFD100	V23LVFCSD100	V23LVFCND100	V23LVFCPD100	V23LVFCFD100

3-Way Ball Valve Type 23H (T-port) - Horizontal

Model:

- Lever
- Dynamic seal system with ball seals in PTFE
- Fastening system
- ISO 5211 top flange
- Standard: DIN (European)

Option:

- Lubricant free
- Metal insert for fastening system
- Other standards: ANSI, JIS

Body:	PP	PP	PP	PP	PP	PP	PP	PP
Seal:	EPDM	EPDM	EPDM	EPDM	FKM	FKM	FKM	FKM
Connection:	SOCKET	THREADED	SPIGOT	FLANGED	SOCKET	THREADED	SPIGOT	FLANGED
DN (mm)								
25	V3HLVPESD025	V3HLVPEND025	V3HLVPEPD025	V23LVPEFD025	V3HLVPVSD025	V3HLVPVND025	V3HLVPVPD025	V23LVPVFD025
32	V3HLVPESD032	V3HLVPEND032	V3HLVPEPD032	V23LVPEFD032	V3HLVPVSD032	V3HLVPVND032	V3HLVPVPD032	V23LVPVFD032
40	V3HLVPESD040	V3HLVPEND040	V3HLVPEPD040	V23LVPEFD040	V3HLVPVSD040	V3HLVPVND040	V3HLVPVPD040	V23LVPVFD040

Compact Ball Valve Type 27

Model:

- Lever
- Light and compact design
- Reduced parts (without true unions)
- Ideal in case of high thermal expansion/contractions
- Standard: DIN (European)

Option:

- Other standards: ANSI, JIS

Body:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-C	PVC-C	PVC-C	PVC-C
Seal:	EPDM	EPDM	FKM	FKM	EPDM	EPDM	FKM	FKM
Connection:	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED
DN (mm)								
13	V7BLVUESD013	V7BLVUEND013	V7BLVUVSD013	V7BLVUVND013	V7BLVCESD013	V7BLVCEND013	V7BLVCVSD013	V7BLVCVND013
15	V7BLVUESD015	V7BLVUEND015	V7BLVUVSD015	V7BLVUVND015	V7BLVCESD015	V7BLVCEND015	V7BLVCVSD015	V7BLVCVND015
20	V7BLVUESD020	V7BLVUEND020	V7BLVUVSD020	V7BLVUVND020	V7BLVCESD020	V7BLVCEND020	V7BLVCVSD020	V7BLVCVND020
25	V7BLVUESD025	V7BLVUEND025	V7BLVUVSD025	V7BLVUVND025	V7BLVCESD025	V7BLVCEND025	V7BLVCVSD025	V7BLVCVND025
32	V7BLVUESD032	V7BLVUEND032	V7BLVUVSD032	V7BLVUVND032	V7BLVCESD032	V7BLVCEND032	V7BLVCVSD032	V7BLVCVND032
40	V7BLVUESD040	V7BLVUEND040	V7BLVUVSD040	V7BLVUVND040	V7BLVCESD040	V7BLVCEND040	V7BLVCVSD040	V7BLVCVND040
50	V7BLVUESD050	V7BLVUEND050	V7BLVUVSD050	V7BLVUVND050	V7BLVCESD050	V7BLVCEND050	V7BLVCVSD050	V7BLVCVND050

Labcock Valve

Model:
- Lever
- For sampling and dosing
- 6mm ID (Inner Diameter)
- Ideal in labs & water treatmant
- Standard: DIN (European)

Option:
- Lubricant free
- Other standards: ANSI, JIS

Body:			PVC-U	PVC-U
Seal (O-ring):			EPDM	EPDM
Seat			EPDM	PTFE
Inc / DN (mm)	Connect.[1]	Type Code		
10 x 10	Hose / Hose	**H0H0**	VLCLVUEDH0H0	VLCLVU1DH0H0
R1/4 x 10	MT / Hose	**O4H0**	VLCLVUEDO4H0	VLCLVU1DO4H0
R1/2 x 10	MT / Hose	**O2H0**	VLCLVUEDO2H0	VLCLVU1DO2H0
RP1/4 x 10	FMT / Hose	**N4H0**	VLCLVUEDN4H0	VLCLVU1DN4H0
RP3/8 x 10	FMT/ Hose	**N8H0**	VLCLVUEDN8H0	VLCLVU1DN8H0
R1/2 x R1/4	MT / MT	**O2O4**	VLCLVUEDO2O4	VLCLVU1DO2O4
R1/2 x R1/2	MT / MT	**O2O2**	VLCLVUEDO2O2	VLCLVU1DO2O2
R1/4 x R/1/4	MT / MT	**O4O4**	VLCLVUEDO4O4	VLCLVU1DO4O4
R1/4 x RP1/4	MT / FMT	**O4N4**	VLCLVUEDO4N4	VLCLVU1DO4N4
R1/4 x RP3/8	MT / FMT	**O4N8**	VLCLVUEDO4N8	VLCLVU1DO4N8
R1/2 x RP1/4	MT / FMT	**O2N4**	VLCLVUEDO2N4	VLCLVU1DO2N4
R1/2 x RP3/8	MT / FMT	**O2N8**	VLCLVUEDO2N8	VLCLVU1DO2N8
RP1/4 x RP1/4	FMT / FMT	**N4N4**	VLCLVUEDN4N4	VLCLVU1DN4N4
RP3/8 x RP1/4	FMT / FMT	**N8N4**	VLCLVUEDN8N4	VLCLVU1DN8N4
RP3/8 x RP3/8	FMT / FMT	**N8N8**	VLCLVUEDN8N8	VLCLVU1DN8N8
R1/2 x 16	MT / ELBOW	**O2L0**	VLCLVUEDO2L0	VLCLVU1DO2L0

[1] : MT=male thread; FMT= Female thread.

Diaphragm valves

Diaphragm Valve Type 14 with flanges (DN 15-100)

Model:
- Handle
- One piece molded body with flanges
- Fastening system
- Standard: DIN (European)

Option:
- Lubricant free
- Limit switch
- Handle locking device
- Gas barrier in PVDF
- Metal liners & conical spring washers
- "U" bolts (for extra safe bonnet tigthening) for DN65 and larger sizes.
- Fasteners (bolts, nuts & washers) in SS 316L
- Other standards: ANSI, JIS
- ANSI flanges in G or A standards

Body:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-C	PVC-C	PVC-C	PVC-C
Seal:	EPDM	PTFE[1]	PTFE[1]	CSM	EPDM	PTFE[1]	PTFE[1]	CSM
Option:			GB[2]				GB[2]	
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)								
15	V14MHUEFD015	V14MHUTFD015	V14MHU0FD015	V14MHUZFD015	V14MHCEFD015	V14MHCTFD015	V14MHC0FD015	V14MHCZFD015
20	V14MHUEFD020	V14MHUTFD020	V14MHU0FD020	V14MHUZFD020	V14MHCEFD020	V14MHCTFD020	V14MHC0FD020	V14MHCZFD020
25	V14MHUEFD025	V14MHUTFD025	V14MHU0FD025	V14MHUZFD025	V14MHCEFD025	V14MHCTFD025	V14MHC0FD025	V14MHCZFD025
32	V14MHUEFD032	V14MHUTFD032	V14MHU0FD032	V14MHUZFD032	V14MHCEFD032	V14MHCTFD032	V14MHC0FD032	V14MHCZFD032
40	V14MHUEFD040	V14MHUTFD040	V14MHU0FD040	V14MHUZFD040	V14MHCEFD040	V14MHCTFD040	V14MHC0FD040	V14MHCZFD040
50	V14MHUEFD050	V14MHUTFD050	V14MHU0FD050	V14MHUZFD050	V14MHCEFD050	V14MHCTFD050	V14MHC0FD050	V14MHCZFD050
65	V14MHUEFD065	V14MHUTFD065	V14MHU0FD065	V14MHUZFD065	V14MHCEFD065	V14MHCTFD065	V14MHC0FD065	V14MHCZFD065
80	V14MHUEFD080	V14MHUTFD080	V14MHU0FD080	V14MHUZFD080	V14MHCEFD080	V14MHCTFD080	V14MHC0FD080	V14MHCZFD080
100	V14MHUEFD100	V14MHUTFD100	V14MHU0FD100	V14MHUZFD100	V14MHCEFD100	V14MHCTFD100	V14MHC0FD100	V14MHCZFD100

[1] : PTFE diaphragm with EPDM cushion.
[2] : Gas Barrier (cushion cover made of PVDF).

Table continues on the next page...

Body:	PP	PP	PP	PP	PVDF	PVDF	PVDF	PVDF
Bonnet[3]:					PPG	PPG	PPG	PPG
Seal:	EPDM	PTFE[1]	PTFE[1]	CSM	EPDM	PTFE[1]	PTFE[1]	PTFE[1]
Option:			GB[2]				GB[2]	GB[2]/TI[4]
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)								
15	V14MHPEFD015	V14MHPTFD015	V14MHP0FD015	V14MHPZFD015	V14MHGEFD015	V14MHGTFD015	V14MHG0FD015	V14MHGDFD015
20	V14MHPEFD020	V14MHPTFD020	V14MHP0FD020	V14MHPZFD020	V14MHGEFD020	V14MHGTFD020	V14MHG0FD020	V14MHGDFD020
25	V14MHPEFD025	V14MHPTFD025	V14MHP0FD025	V14MHPZFD025	V14MHGEFD025	V14MHGTFD025	V14MHG0FD025	V14MHGDFD025
32	V14MHPEFD032	V14MHPTFD032	V14MHP0FD032	V14MHPZFD032	V14MHGEFD032	V14MHGTFD032	V14MHG0FD032	V14MHGDFD032
40	V14MHPEFD040	V14MHPTFD040	V14MHP0FD040	V14MHPZFD040	V14MHGEFD040	V14MHGTFD040	V14MHG0FD040	V14MHGDFD040
50	V14MHPEFD050	V14MHPTFD050	V14MHP0FD050	V14MHPZFD050	V14MHGEFD050	V14MHGTFD050	V14MHG0FD050	V14MHGDFD050
65	V14MHPEFD065	V14MHPTFD065	V14MHP0FD065	V14MHPZFD065	V14MHGEFD065	V14MHGTFD065	V14MHG0FD065	V14MHGDFD065
80	V14MHPEFD080	V14MHPTFD080	V14MHP0FD080	V14MHPZFD080	V14MHGEFD080	V14MHGTFD080	V14MHG0FD080	V14MHGDFD080
100	V14MHPEFD100	V14MHPTFD100	V14MHP0FD100	V14MHPZFD100	V14MHGEFD100	V14MHGTFD100	V14MHG0FD100	V14MHGDFD100

[1] : PTFE diaphragm with EPDM cushion.
[2] : Gas Barrier (cushion cover made of PVDF).
[3] : Body upper part (no contact with media).
[4] : Titanium Palladium Alloys (metal connection between PTFE diaphragm and stem).

Body:	PVDF	PVDF	PVDF	PVDF	EL-PVDF	EL-PVDF	EL-PVDF	**Option:**
Bonnet[3]:	PVDF	PVDF	PVDF	PVDF	PPG	PVDF	PVDF	STAINLESS STEEL
Seal:	EPDM	PTFE[1]	PTFE[1]	PTFE[1]	EL-PTFE[1]	PTFE[1]	EL-PTFE[1]	FASTNERS [5]
Option:			GB[2]	GB[2]/TI[4]	GB[2]/TI[4]	GB[2]	GB[2]/TI[4]	(SS 316L)
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	
DN (mm)								
15	V14MHFEFD015	V14MHFTFD015	V14MHF0FD015	V14MHFDFD015	V14MHXLFD015	V14MHY0FD015	V14MHYLFD015	02B
20	V14MHFEFD020	V14MHFTFD020	V14MHF0FD020	V14MHFDFD020	V14MHXLFD020	V14MHY0FD020	V14MHYLFD020	02B
25	V14MHFEFD025	V14MHFTFD025	V14MHF0FD025	V14MHFDFD025	V14MHXLFD025	V14MHY0FD025	V14MHYLFD025	02B
32	V14MHFEFD032	V14MHFTFD032	V14MHF0FD032	V14MHFDFD032	V14MHXLFD032	V14MHY0FD032	V14MHYLFD032	02B
40	V14MHFEFD040	V14MHFTFD040	V14MHF0FD040	V14MHFDFD040	V14MHXLFD040	V14MHY0FD040	V14MHYLFD040	02B
50	V14MHFEFD050	V14MHFTFD050	V14MHF0FD050	V14MHFDFD050	V14MHXLFD050	V14MHY0FD050	V14MHYLFD050	02B
65	V14MHFEFD065	V14MHFTFD065	V14MHF0FD065	V14MHFDFD065	V14MHXLFD065	V14MHY0FD065	V14MHYLFD065	02B
80	V14MHFEFD080	V14MHFTFD080	V14MHF0FD080	V14MHFDFD080	V14MHXLFD080	V14MHY0FD080	V14MHYLFD080	02B
100	V14MHFEFD100	V14MHFTFD100	V14MHF0FD100	V14MHFDFD100	V14MHXLFD100	V14MHY0FD100	V14MHYLFD100	02B

[1] : PTFE or EL-PTFE diaphragm with EPDM cushion.
[2] : Gas Barrier (cushion cover made of PVDF).
[3] : Body upper part (no contact with media).
[4] : Titanium Palladium Alloys (metal connection between PTFE diaphragm and stem).
[5] : Bolts, nuts and washers. Add "02B" at the end of the valve code if you wish to add this option.

Diaphragm Valve Type 15 with flanges (DN 125-150)

Model:
- Handle
- One piece molded body with flanges
- Standard: DIN (European)

Option:
- Lubricant free
- Limit switch
- Handle locking device
- Gas barrier in PVDF
- Metal liners & conical spring washers
- "U" bolts (for extra safe bonnet tigthening)
- Fasteners (bolts, nuts & washers) in SS 316L
- Other standards: ANSI, JIS

Body:	PVC-U	PVC-U	PVC-U	PVC-U	PP	PP	PP	PP
Seal:	EPDM	PTFE[1]	PTFE	CSM	EPDM	PTFE[1]	PTFE[1]	CSM
Option:			GB[2]				GB[2]	
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)								
125	V15MHUEFD125	V15MHUTFD125	V15MHU0FD125	V15MHUZFD125	V15MHPEFD125	V15MHPTFD125	V15MHP0FD125	V15MHPZFD125
150	V15MHUEFD150	V15MHUTFD150	V15MHU0FD150	V15MHUZFD150	V15MHPEFD150	V15MHPTFD150	V15MHP0FD150	V15MHPZFD150

[1] : PTFE diaphragm with EPDM cushion.
[2] : Gas Barrier (cushion cover made of PVDF).

Table continues on the next page...

Body:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Bonnet[3]:	PPG	PPG	PPG	PPG	PVDF	PVDF	PVDF	PVDF
Seal:	EPDM	PTFE[1]	PTFE[1]	PTFE[1]	EPDM	PTFE[1]	PTFE[1]	PTFE[1]
Option:			GB[2]	GB[2]/TI[4]			GB[2]	GB[2]/TI[4]
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)								
125	V15MHGEFD125	V15MHGTFD125	V15MHG0FD125	V15MHGDFD125	V15MHFEFD125	V15MHFTFD125	V15MHF0FD125	V15MHFDFD125
150	V15MHGEFD150	V15MHGTFD150	V15MHG0FD150	V15MHGDFD150	V15MHFEFD150	V15MHFTFD150	V15MHF0FD150	V15MHFDFD150

[1] : PTFE diaphragm with EPDM cushion.
[2] : Gas Barrier (cushion cover made of PVDF).
[3] : Body upper part (no contact with media).
[4] : Titanium Palladium Alloys (metal connection between PTFE diaphragm and stem).

Diaphragm Valve Type 72 with flanges (DN 200-250)

Model:
- Handle
- One piece molded body with flanges
- Standard: DIN (European)

Option:
- Lubricant free
- Limit switch
- Handle locking device
- Gas barrier in PVDF
- Metal liners & conical spring washers
- "U" bolts (for extra safe bonnet tigthening)
- Fasteners (bolts, nuts & washers) in SS 316L
- Other standards: ANSI, JIS

Body:	PVC-U	PVC-U	PVC-U	PVC-U	PP	PP	PP	PP
Seal:	EPDM	PTFE[1]	PTFE[1]	CSM	EPDM	PTFE[1]	PTFE[1]	CSM
Option:			GB[2]				GB[2]	
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)								
200	V72MHUEFD200	V72MHUTFD200	V72MHU0FD200	V72MHUZFD200	V72MHPEFD200	V72MHPTFD200	V72MHP0FD200	V72MHPZFD200
250	V72MHUEFD250	V72MHUTFD250	V72MHU0FD250	V72MHUZFD250	V72MHPEFD250	V72MHPTFD250	V72MHP0FD250	V72MHPZFD250

[1] : PTFE diaphragm with EPDM cushion.
[2] : Gas Barrier (cushion cover made of PVDF).

Body:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Bonnet[3]:	PPG	PPG	PPG	PPG	PVDF	PVDF	PVDF	PVDF
Seal:	EPDM	PTFE[1]	PTFE[1]	PTFE[1]	EPDM	PTFE[1]	PTFE[1]	PTFE[1]
Option:			GB[2]	GB[2]/TI[4]			GB[2]	GB[2]/TI[4]
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)								
200	V72MHGEFD200	V72MHGTFD200	V72MHG0FD200	V72MHGDFD200	V72MHFEFD200	V72MHFTFD200	V72MHF0FD200	V72MHFDFD200
250	V72MHGEFD250	V72MHGTFD250	V72MHG0FD250	V72MHGDFD250	V72MHFEFD250	V72MHFTFD250	V72MHF0FD250	V72MHFDFD250

[1] : PTFE diaphragm with EPDM cushion.
[2] : Gas Barrier (cushion cover made of PVDF).
[3] : Body upper part (no contact with media).
[4] : Titanium Palladium Alloys (metal connection between PTFE diaphragm and stem).

Diaphragm Valve Type 14 with true unions (DN 15-50)

Model:
- Handle
- Fastening system
- Standard: DIN (European)

Option:
- Lubricant free
- Limit switch
- Handle locking device
- Gas barrier in PVDF
- Fasteners (bolts, nuts & washers) in SS 316L
- Other standards: ANSI, JIS

Body:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U
Seal:	EPDM	EPDM	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[2]:	EPDM	EPDM	EPDM	EPDM	FKM	FKM
Connection:	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED
DN (mm)						
15	VT1MHUESD015	VT1MHUEND015	VT1MHU1SD015	VT1MHU1ND015	VT1MHU2SD015	VT1MHU2ND015
20	VT1MHUESD020	VT1MHUEND020	VT1MHU1SD020	VT1MHU1ND020	VT1MHU2SD020	VT1MHU2ND020
25	VT1MHUESD025	VT1MHUEND025	VT1MHU1SD025	VT1MHU1ND025	VT1MHU2SD025	VT1MHU2ND025
32	VT1MHUESD032	VT1MHUEND032	VT1MHU1SD032	VT1MHU1ND032	VT1MHU2SD032	VT1MHU2ND032
40	VT1MHUESD040	VT1MHUEND040	VT1MHU1SD040	VT1MHU1ND040	VT1MHU2SD040	VT1MHU2ND040
50	VT1MHUESD050	VT1MHUEND050	VT1MHU1SD050	VT1MHU1ND050	VT1MHU2SD050	VT1MHU2ND050

Body:	PVC-U	PVC-U	PVC-U	PVC-U
Seal:	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[2]:	FKM-F	FKM-F	FKM-C	FKM-C
Connection:	SOCKET	THREADED	SOCKET	THREADED
DN (mm)				
15	VT1MHU3SD015	VT1MHU3ND015	VT1MHU4SD015	VT1MHU4ND015
20	VT1MHU3SD020	VT1MHU3ND020	VT1MHU4SD020	VT1MHU4ND020
25	VT1MHU3SD025	VT1MHU3ND025	VT1MHU4SD025	VT1MHU4ND025
32	VT1MHU3SD032	VT1MHU3ND032	VT1MHU4SD032	VT1MHU4ND032
40	VT1MHU3SD040	VT1MHU3ND040	VT1MHU4SD040	VT1MHU4ND040
50	VT1MHU3SD050	VT1MHU3ND050	VT1MHU4SD050	VT1MHU4ND050

[1] : PTFE diaphragm with EPDM cushion.
[2] : True union O-rings.

Body:	PVC-C	PVC-C	PVC-C	PVC-C	PVC-C	PVC-C
Seal:	EPDM	EPDM	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[2]:	EPDM	EPDM	EPDM	EPDM	FKM	FKM
Connection:	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED
DN (mm)						
15	VT1MHCESD015	VT1MHCEND015	VT1MHC1SD015	VT1MHC1ND015	VT1MHC2SD015	VT1MHC2ND015
20	VT1MHCESD020	VT1MHCEND020	VT1MHC1SD020	VT1MHC1ND020	VT1MHC2SD020	VT1MHC2ND020
25	VT1MHCESD025	VT1MHCEND025	VT1MHC1SD025	VT1MHC1ND025	VT1MHC2SD025	VT1MHC2ND025
32	VT1MHCESD032	VT1MHCEND032	VT1MHC1SD032	VT1MHC1ND032	VT1MHC2SD032	VT1MHC2ND032
40	VT1MHCESD040	VT1MHCEND040	VT1MHC1SD040	VT1MHC1ND040	VT1MHC2SD040	VT1MHC2ND040
50	VT1MHCESD050	VT1MHCEND050	VT1MHC1SD050	VT1MHC1ND050	VT1MHC2SD050	VT1MHC2ND050

Body:	PVC-C	PVC-C	PVC-C	PVC-C
Seal:	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[2]:	FKM-F	FKM-F	FKM-C	FKM-C
Connection:	SOCKET	THREADED	SOCKET	THREADED
DN (mm)				
15	VT1MHC3SD015	VT1MHC3ND015	VT1MHC4SD015	VT1MHC4ND015
20	VT1MHC3SD020	VT1MHC3ND020	VT1MHC4SD020	VT1MHC4ND020
25	VT1MHC3SD025	VT1MHC3ND025	VT1MHC4SD025	VT1MHC4ND025
32	VT1MHC3SD032	VT1MHC3ND032	VT1MHC4SD032	VT1MHC4ND032
40	VT1MHC3SD040	VT1MHC3ND040	VT1MHC4SD040	VT1MHC4ND040
50	VT1MHC3SD050	VT1MHC3ND050	VT1MHC4SD050	VT1MHC4ND050

[1] : PTFE diaphragm with EPDM cushion.
[2] : True union O-rings.

Body:	PP	PP	PP	PP	PP	PP
Seal:	EPDM	EPDM	EPDM	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[2]:	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM
Connection:	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT
DN (mm)						
15	VT1MHPESD015	VT1MHPEND015	VT1MHPEPD015	VT1MHP1SD015	VT1MHP1ND015	VT1MHP1PD015
20	VT1MHPESD020	VT1MHPEND020	VT1MHPEPD020	VT1MHP1SD020	VT1MHP1ND020	VT1MHP1PD020
25	VT1MHPESD025	VT1MHPEND025	VT1MHPEPD025	VT1MHP1SD025	VT1MHP1ND025	VT1MHP1PD025
32	VT1MHPESD032	VT1MHPEND032	VT1MHPEPD032	VT1MHP1SD032	VT1MHP1ND032	VT1MHP1PD032
40	VT1MHPESD040	VT1MHPEND040	VT1MHPEPD040	VT1MHP1SD040	VT1MHP1ND040	VT1MHP1PD040
50	VT1MHPESD050	VT1MHPEND050	VT1MHPEPD050	VT1MHP1SD050	VT1MHP1ND050	VT1MHP1PD050

[1] : PTFE diaphragm with EPDM cushion.
[2] : True union O-rings.

Body:	PP	PP	PP	PP	PP	PP	PP	PP	PP
Seal:	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[2]:	FKM	FKM	FKM	FKM-F	FKM-F	FKM-F	FKM-C	FKM-C	FKM-C
Connection:	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT
DN (mm)									
15	VT1MHP2SD015	VT1MHP2ND015	VT1MHP2PD015	VT1MHP3SD015	VT1MHP3ND015	VT1MHP3PD015	VT1MHP4SD015	VT1MHP4ND015	VT1MHP4PD015
20	VT1MHP2SD020	VT1MHP2ND020	VT1MHP2PD020	VT1MHP3SD020	VT1MHP3ND020	VT1MHP3PD020	VT1MHP4SD020	VT1MHP4ND020	VT1MHP4PD020
25	VT1MHP2SD025	VT1MHP2ND025	VT1MHP2PD025	VT1MHP3SD025	VT1MHP3ND025	VT1MHP3PD025	VT1MHP4SD025	VT1MHP4ND025	VT1MHP4PD025
32	VT1MHP2SD032	VT1MHP2ND032	VT1MHP2PD032	VT1MHP3SD032	VT1MHP3ND032	VT1MHP3PD032	VT1MHP4SD032	VT1MHP4ND032	VT1MHP4PD032
40	VT1MHP2SD040	VT1MHP2ND040	VT1MHP2PD040	VT1MHP3SD040	VT1MHP3ND040	VT1MHP3PD040	VT1MHP4SD040	VT1MHP4ND040	VT1MHP4PD040
50	VT1MHP2SD050	VT1MHP2ND050	VT1MHP2PD050	VT1MHP3SD050	VT1MHP3ND050	VT1MHP3PD050	VT1MHP4SD050	VT1MHP4ND050	VT1MHP4PD050

[1] : PTFE diaphragm with EPDM cushion.
[2] : True union O-rings.

Table continues on the next page...

Body:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Bonnet[3]:	PPG	PPG	PPG	PPG	PPG	PPG	PPG	PPG	PPG
Seal:	EPDM	EPDM	EPDM	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[2]:	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM	FKM	FKM	FKM
Connection:	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT
DN (mm)									
15	VT1MHGESD015	VT1MHGEND015	VT1MHGEPD015	VT1MHG1SD015	VT1MHG1ND015	VT1MHG1PD015	VT1MHG2SD015	VT1MHG2ND015	VT1MHG2PD015
20	VT1MHGESD020	VT1MHGEND020	VT1MHGEPD020	VT1MHG1SD020	VT1MHG1ND020	VT1MHG1PD020	VT1MHG2SD020	VT1MHG2ND020	VT1MHG2PD020
25	VT1MHGESD025	VT1MHGEND025	VT1MHGEPD025	VT1MHG1SD025	VT1MHG1ND025	VT1MHG1PD025	VT1MHG2SD025	VT1MHG2ND025	VT1MHG2PD025
32	VT1MHGESD032	VT1MHGEND032	VT1MHGEPD032	VT1MHG1SD032	VT1MHG1ND032	VT1MHG1PD032	VT1MHG2SD032	VT1MHG2ND032	VT1MHG2PD032
40	VT1MHGESD040	VT1MHGEND040	VT1MHGEPD040	VT1MHG1SD040	VT1MHG1ND040	VT1MHG1PD040	VT1MHG2SD040	VT1MHG2ND040	VT1MHG2PD040
50	VT1MHGESD050	VT1MHGEND050	VT1MHGEPD050	VT1MHG1SD050	VT1MHG1ND050	VT1MHG1PD050	VT1MHG2SD050	VT1MHG2ND050	VT1MHG2PD050

[1] : PTFE diaphragm with EPDM cushion.
[2] : True union O-rings.
[3] : Body upper part (no contact with media).

Body:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Bonnet[3]:	PPG	PPG	PPG	PPG	PPG	PPG
Seal:	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[4]:	FKM-F	FKM-F	FKM-F	FKM-F	FKM-F	FKM-F
Option:				GB[2]	GB[2]	GB[2]
Connection:	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT
DN (mm)						
15	VT1MHG3SD015	VT1MHG3ND015	VT1MHG3PD015	VT1MHG7SD015	VT1MHG7ND015	VT1MHG7PD015
20	VT1MHG3SD020	VT1MHG3ND020	VT1MHG3PD020	VT1MHG7SD020	VT1MHG7ND020	VT1MHG7PD020
25	VT1MHG3SD025	VT1MHG3ND025	VT1MHG3PD025	VT1MHG7SD025	VT1MHG7ND025	VT1MHG7PD025
32	VT1MHG3SD032	VT1MHG3ND032	VT1MHG3PD032	VT1MHG7SD032	VT1MHG7ND032	VT1MHG7PD032
40	VT1MHG3SD040	VT1MHG3ND040	VT1MHG3PD040	VT1MHG7SD040	VT1MHG7ND040	VT1MHG7PD040
50	VT1MHG3SD050	VT1MHG3ND050	VT1MHG3PD050	VT1MHG7SD050	VT1MHG7ND050	VT1MHG7PD050

Body:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Bonnet[3]:	PPG	PPG	PPG	PPG	PPG	PPG
Seal:	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[4]:	FKM-C	FKM-C	FKM-C	FKM-C	FKM-C	FKM-C
Option:				GB[2]	GB[2]	GB[2]
Connection:	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT
DN (mm)						
15	VT1MHG4SD015	VT1MHG4ND015	VT1MHG4PD015	VT1MHG8SD015	VT1MHG8ND015	VT1MHG8PD015
20	VT1MHG4SD020	VT1MHG4ND020	VT1MHG4PD020	VT1MHG8SD020	VT1MHG8ND020	VT1MHG8PD020
25	VT1MHG4SD025	VT1MHG4ND025	VT1MHG4PD025	VT1MHG8SD025	VT1MHG8ND025	VT1MHG8PD025
32	VT1MHG4SD032	VT1MHG4ND032	VT1MHG4PD032	VT1MHG8SD032	VT1MHG8ND032	VT1MHG8PD032
40	VT1MHG4SD040	VT1MHG4ND040	VT1MHG4PD040	VT1MHG8SD040	VT1MHG8ND040	VT1MHG8PD040
50	VT1MHG4SD050	VT1MHG4ND050	VT1MHG4PD050	VT1MHG8SD050	VT1MHG8ND050	VT1MHG8PD050

[1] : PTFE diaphragm with EPDM cushion.
[2] : Gas Barrier (cushion cover made of PVDF).
[3] : Body upper part (no contact with media).
[4] : True union O-rings.

Body:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Bonnet[3]:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seal:	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[4]:	FKM	FKM	FKM	FKM-F	FKM-F	FKM-F	FKM-F	FKM-F	FKM-F
Option:							GB[2]	GB[2]	GB[2]
Connection:	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT
DN (mm)									
15	VT1MHF2SD015	VT1MHF2ND015	VT1MHF2PD015	VT1MHF3SD015	VT1MHF3ND015	VT1MHF3PD015	VT1MHF7SD015	VT1MHF7ND015	VT1MHF7PD015
20	VT1MHF2SD020	VT1MHF2ND020	VT1MHF2PD020	VT1MHF3SD020	VT1MHF3ND020	VT1MHF3PD020	VT1MHF7SD020	VT1MHF7ND020	VT1MHF7PD020
25	VT1MHF2SD025	VT1MHF2ND025	VT1MHF2PD025	VT1MHF3SD025	VT1MHF3ND025	VT1MHF3PD025	VT1MHF7SD025	VT1MHF7ND025	VT1MHF7PD025
32	VT1MHF2SD032	VT1MHF2ND032	VT1MHF2PD032	VT1MHF3SD032	VT1MHF3ND032	VT1MHF3PD032	VT1MHF7SD032	VT1MHF7ND032	VT1MHF7PD032
40	VT1MHF2SD040	VT1MHF2ND040	VT1MHF2PD040	VT1MHF3SD040	VT1MHF3ND040	VT1MHF3PD040	VT1MHF7SD040	VT1MHF7ND040	VT1MHF7PD040
50	VT1MHF2SD050	VT1MHF2ND050	VT1MHF2PD050	VT1MHF3SD050	VT1MHF3ND050	VT1MHF3PD050	VT1MHF7SD050	VT1MHF7ND050	VT1MHF7PD050

[1] : PTFE diaphragm with EPDM cushion.
[2] : Gas Barrier (cushion cover made of PVDF).
[3] : Body upper part (no contact with media).
[4] : True union O-rings.

Table continues on the next page...

Body:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Bonnet[3]:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seal:	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[4]:	FKM-C	FKM-C	FKM-C	FKM-C	FKM-C	FKM-C
Option:				GB[2]	GB[2]	GB[2]
Connection:	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT
DN (mm)						
15	VT1MHF4SD015	VT1MHF4ND015	VT1MHF4PD015	VT1MHF8SD015	VT1MHF8ND015	VT1MHF8PD015
20	VT1MHF4SD020	VT1MHF4ND020	VT1MHF4PD020	VT1MHF8SD020	VT1MHF8ND020	VT1MHF8PD020
25	VT1MHF4SD025	VT1MHF4ND025	VT1MHF4PD025	VT1MHF8SD025	VT1MHF8ND025	VT1MHF8PD025
32	VT1MHF4SD032	VT1MHF4ND032	VT1MHF4PD032	VT1MHF8SD032	VT1MHF8ND032	VT1MHF8PD032
40	VT1MHF4SD040	VT1MHF4ND040	VT1MHF4PD040	VT1MHF8SD040	VT1MHF8ND040	VT1MHF8PD040
50	VT1MHF4SD050	VT1MHF4ND050	VT1MHF4PD050	VT1MHF8SD050	VT1MHF8ND050	VT1MHF8PD050

[1] : PTFE diaphragm with EPDM cushion.
[2] : Gas Barrier (cushion cover made of PVDF).
[3] : Body upper part (no contact with media).
[4] : True union O-rings.

Accessories and options for diaphragm valves

- **Locking device**

DN 15-50 Handle lock device
DN 65-250 Handle-body chain lock device

Note: pad-lock not included.

- **Limit switch**

- **Gas Barrier**
(Cushion cover made of PVDF)

Butterfly valves

Butterfly Valve Type 57 (DN 40-200) - Lever

Model:
- Lever with molded lock hole
- Triple seal system
- Anti over-compression seal system
- Stem materials (SS403)
- ISO 5211 top flange
- Standard: DIN (European)

Option:
- Lubricant free (for wetted parts)
- Stem materials (SS316, Alloy C-276)
- Seat materials (CSM, NBR)
- Other standards: ANSI, JIS

Disc:	PVC-U	PVC-U	PVC-U	PVC-U	PP	PP	PP	PP
Body[1]:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U
Seal:	EPDM	FKM	FKM-F	FKM-C	EPDM	FKM	FKM-F	FKM-C
DN(mm)								
40	V57LVUEWD040	V57LVUVWD040	V57LVUFWD040	V57LVUCWD040	V57LVUEWD040000	V57LVUVWD040000	V57LVUFWD040000	V57LVUCWD040000
50	V57LVUEWD040	V57LVUVWD050	V57LVUFWD050	V57LVUCWD050	V57LVUEWD050000	V57LVUVWD050000	V57LVUFWD050000	V57LVUCWD050000
65	V57LVUEWD065	V57LVUVWD065	V57LVUFWD065	V57LVUCWD065	V57LVUEWD065000	V57LVUVWD065000	V57LVUFWD065000	V57LVUCWD065000
80	V57LVUEWD080	V57LVUVWD080	V57LVUFWD080	V57LVUCWD080	V57LVUEWD080000	V57LVUVWD080000	V57LVUFWD080000	V57LVUCWD080000
100	V57LVUEWD100	V57LVUVWD100	V57LVUFWD100	V57LVUCWD100	V57LVUEWD100000	V57LVUVWD100000	V57LVUFWD100000	V57LVUCWD100000
125	V57LVUEWD125	V57LVUVWD125	V57LVUFWD125	V57LVUCWD125	V57LVUEWD125000	V57LVUVWD125000	V57LVUFWD125000	V57LVUCWD125000
150	V57LVUEWD150	V57LVUVWD150	V57LVUFWD150	V57LVUCWD150	V57LVUEWD150000	V57LVUVWD150000	V57LVUFWD150000	V57LVUCWD150000
200	V57LVUEWD200	V57LVUVWD200	V57LVUFWD200	V57LVUCWD200	V57LVUEWD200000	V57LVUVWD200000	V57LVUFWD200000	V57LVUCWD200000

[1] : Not in contact with media.

Table continues on the next page...

Disc:	PP	PP	PP	PP	PVDF	PVDF	PVDF	PVDF
Body[1]:	PP	PP	PP	PP	PP	PP	PP	PP
Seal:	EPDM	FKM	FKM-F	FKM-C	EPDM	FKM	FKM-F	FKM-C
DN(mm)								
40	V57LVPEWD040	V57LVPVWD040	V57LVPFWD040	V57LVPCWD040	V57LVPEWD04000Q	V57LVPVWD04000Q	V57LVPFWD04000Q	V57LVPCWD04000Q
50	V57LVPEWD050	V57LVPVWD050	V57LVPFWD050	V57LVPCWD050	V57LVPEWD05000Q	V57LVPVWD05000Q	V57LVPFWD05000Q	V57LVPCWD05000Q
65	V57LVPEWD065	V57LVPVWD065	V57LVPFWD065	V57LVPCWD065	V57LVPEWD06500Q	V57LVPVWD06500Q	V57LVPFWD05000Q	V57LVPCWD06000Q
80	V57LVPEWD080	V57LVPVWD080	V57LVPFWD080	V57LVPCWD080	V57LVPEWD08000Q	V57LVPVWD08000Q	V57LVPFWD08000Q	V57LVPCWD08000Q
100	V57LVPEWD100	V57LVPVWD100	V57LVPFWD100	V57LVPCWD100	V57LVPEWD10000Q	V57LVPVWD10000Q	V57LVPFWD10000Q	V57LVPCWD10000Q
125	V57LVPEWD125	V57LVPVWD125	V57LVPFWD125	V57LVPCWD125	V57LVPEWD12500Q	V57LVPVWD12500Q	V57LVPFWD12500Q	V57LVPCWD12500Q
150	V57LVPEWD150	V57LVPVWD150	V57LVPFWD150	V57LVPCWD150	V57LVPEWD15000Q	V57LVPVWD15000Q	V57LVPFWD15000Q	V57LVPCWD15000Q
200	V57LVPEWD200	V57LVPVWD200	V57LVPFWD200	V57LVPCWD200	V57LVPEWD20000Q	V57LVPVWD20000Q	V57LVPFWD20000Q	V57LVPCWD20000Q

[1] : Not in contact with media.

Disc:	PVDF	PVDF	PVDF	PVDF
Body[1]:	PVDF	PVDF	PVDF	PVDF
Seal:	EPDM	FKM	FKM-F	FKM-C
DN(mm)				
40	V57LVFEWD040	V57LVFVWD040	V57LVFFWD040	V57LVFCWD040
50	V57LVFEWD050	V57LVFVWD050	V57LVFFWD050	V57LVFCWD050
65	V57LVFEWD065	V57LVFVWD065	V57LVFFWD065	V57LVFCWD065
80	V57LVFEWD080	V57LVFVWD080	V57LVFFWD080	V57LVFCWD080
100	V57LVFEWD100	V57LVFVWD100	V57LVFFWD100	V57LVFCWD100
125	V57LVFEWD125	V57LVFVWD125	V57LVFFWD125	V57LVFCWD125
150	V57LVFEWD150	V57LVFVWD150	V57LVFFWD150	V57LVFCWD150
200	V57LVFEWD200	V57LVFVWD200	V57LVFFWD200	V57LVFCWD200

[1] : Not in contact with media.

Stem material options[1]

Option:	Stainless Steel SS 316	Alloy C-276[2]
DN(mm)		
40	00T	***
50	00T	***
65	00T	***
80	00T	***
100	00T	***
125	00T	***
150	00T	***
200	00T	***

[1] : Standard stem material: Stainless Steel SS 403.
Add a desired stem code at the end of the valve code.
[2] : Specify "Alloy C-276" when ordering.

Butterfly Valve Type 57 (DN 40-350) - Gear

Model:

- Plastic gear
- Triple seal system
- Anti over-compression seal system
- Stem materials (SS403)
- ISO 5211 top flange
- Standard: DIN (European)

Option:

- Lubricant free (for wetted parts)
- Stem materials (SS316, Alloy C-276)
- Seat materials (CSM, NBR)
- Gear locking device
- Other standards: ANSI, JIS

Disc:	PVC-U	PVC-U	PVC-U	PVC-U	PP	PP	PP	PP
Body[1]:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U
Seal:	EPDM	FKM	FKM-F	FKM-C	EPDM	FKM	FKM-F	FKM-C
DN(mm)								
40	V57SGUEWD040	V57SGUVWD040	V57SGUFWD040	V57SGUCWD040	V57SGUEWD040000	V57SGUVWD040000	V57SGUFWD040000	V57SGUCWD040000
50	V57SGUEWD050	V57SGUVWD050	V57SGUFWD050	V57SGUCWD050	V57SGUEWD050000	V57SGUVWD050000	V57SGUFWD050000	V57SGUCWD050000
65	V57SGUEWD065	V57SGUVWD065	V57SGUFWD065	V57SGUCWD065	V57SGUEWD065000	V57SGUVWD065000	V57SGUFWD065000	V57SGUCWD065000
80	V57SGUEWD080	V57SGUVWD080	V57SGUFWD080	V57SGUCWD080	V57SGUEWD080000	V57SGUVWD080000	V57SGUFWD080000	V57SGUCWD080000
100	V57SGUEWD100	V57SGUVWD100	V57SGUFWD100	V57SGUCWD100	V57SGUEWD100000	V57SGUVWD100000	V57SGUFWD100000	V57SGUCWD100000
125	V57SGUEWD125	V57SGUVWD125	V57SGUFWD125	V57SGUCWD125	V57SGUEWD125000	V57SGUVWD125000	V57SGUFWD125000	V57SGUCWD125000
150	V57SGUEWD150	V57SGUVWD150	V57SGUFWD150	V57SGUCWD150	V57SGUEWD150000	V57SGUVWD150000	V57SGUFWD150000	V57SGUCWD150000
200	V57SGUEWD200	V57SGUVWD200	V57SGUFWD200	V57SGUCWD200	V57SGUEWD200000	V57SGUVWD200000	V57SGUFWD200000	V57SGUCWD200000
250	V57SGUEWD250	V57SGUVWD250	V57SGUFWD250	V57SGUCWD250	V57SGUEWD250000	V57SGUVWD250000	V57SGUFWD250000	V57SGUCWD250000
300	V57SGUEWD300	V57SGUVWD300	V57SGUFWD300	V57SGUCWD300	V57SGUEWD300000	V57SGUVWD300000	V57SGUFWD300000	V57SGUCWD300000
350	V57SGUEWD350	V57SGUVWD350	V57SGUFWD350	V57SGUCWD350	V57SGUEWD350000	V57SGUVWD350000	V57SGUFWD350000	V57SGUCWD350000

Disc:	PP	PP	PP	PP	PVDF	PVDF	PVDF	PVDF
Body[1]:	PP	PP	PP	PP	PP	PP	PP	PP
Seal:	EPDM	FKM	FKM-F	FKM-C	EPDM	FKM	FKM-F	FKM-C
DN(mm)								
40	V57SGPEWD040	V57SGPVWD040	V57SGPFWD040	V57SGPCWD040	V57SGPEWD04000Q	V57SGPVWD04000Q	V57SGPFWD04000Q	V57SGPCWD04000Q
50	V57SGPEWD050	V57SGPVWD050	V57SGPFWD050	V57SGPCWD050	V57SGPEWD05000Q	V57SGPVWD05000Q	V57SGPFWD05000Q	V57SGPCWD05000Q
65	V57SGPEWD065	V57SGPVWD065	V57SGPFWD065	V57SGPCWD065	V57SGPEWD06500Q	V57SGPVWD06500Q	V57SGPFWD06500Q	V57SGPCWD06500Q
80	V57SGPEWD080	V57SGPVWD080	V57SGPFWD080	V57SGPCWD080	V57SGPEWD08000Q	V57SGPVWD08000Q	V57SGPFWD08000Q	V57SGPCWD08000Q
100	V57SGPEWD100	V57SGPVWD100	V57SGPFWD100	V57SGPCWD100	V57SGPEWD10000Q	V57SGPVWD10000Q	V57SGPFWD10000Q	V57SGPCWD10000Q
125	V57SGPEWD125	V57SGPVWD125	V57SGPFWD125	V57SGPCWD125	V57SGPEWD12500Q	V57SGPVWD12500Q	V57SGPFWD12500Q	V57SGPCWD12500Q
150	V57SGPEWD150	V57SGPVWD150	V57SGPFWD150	V57SGPCWD150	V57SGPEWD15000Q	V57SGPVWD15000Q	V57SGPFWD15000Q	V57SGPCWD15000Q
200	V57SGPEWD200	V57SGPVWD200	V57SGPFWD200	V57SGPCWD200	V57SGPEWD20000Q	V57SGPVWD20000Q	V57SGPFWD20000Q	V57SGPCWD20000Q
250	V57SGPEWD250	V57SGPVWD250	V57SGPFWD250	V57SGPCWD250	V57SGPEWD25000Q	V57SGPVWD25000Q	V57SGPFWD25000Q	V57SGPCWD25000Q
300	V57SGPEWD300	V57SGPVWD300	V57SGPFWD300	V57SGPCWD300	V57SGPEWD30000Q	V57SGPVWD30000Q	V57SGPFWD30000Q	V57SGPCWD30000Q
350	V57SGPEWD350	V57SGPVWD350	V57SGPFWD350	V57SGPCWD350	V57SGPEWD35000Q	V57SGPVWD35000Q	V57SGPFWD35000Q	V57SGPCWD35000Q

[1] : Not in contact with media.

Table continues on the next page...

Disc:	PVDF	PVDF	PVDF	PVDF
Body[1]:	PVDF	PVDF	PVDF	PVDF
Seal:	EPDM	FKM	FKM-F	FKM-C
DN(mm)				
40	V57SGFEWD040	V57SGFVWD040	V57SGFFWD040	V57SGFCWD040
50	V57SGFEWD050	V57SGFVWD050	V57SGFFWD050	V57SGFCWD050
65	V57SGFEWD065	V57SGFVWD065	V57SGFFWD065	V57SGFCWD065
80	V57SGFEWD080	V57SGFVWD080	V57SGFFWD080	V57SGFCWD080
100	V57SGFEWD100	V57SGFVWD100	V57SGFFWD100	V57SGFCWD100
125	V57SGFEWD125	V57SGFVWD125	V57SGFFWD125	V57SGFCWD125
150	V57SGFEWD150	V57SGFVWD150	V57SGFFWD150	V57SGFCWD150
200	V57SGFEWD200	V57SGFVWD200	V57SGFFWD200	V57SGFCWD200
250	V57SGFEWD250	V57SGFVWD250	V57SGFFWD250	V57SGFCWD250
300	V57SGFEWD300	V57SGFVWD300	V57SGFFWD300	V57SGFCWD300
350	V57SGFEWD350	V57SGFVWD350	V57SGFFWD350	V57SGFCWD350

[1] : Not in contact with media.

Stem material options[1]

	Stainless	
	Steel	Alloy
Option:	SS 316	C-276[2]
DN(mm)		
40	00T	***
50	00T	***
65	00T	***
80	00T	***
100	00T	***
125	00T	***
150	00T	***
200	00T	***
250	00T	***
300	00T	***
350	00T	***

[1] : Standard stem material: Stainless Steel SS 403.
Add a desired stem code at the end of the valve code.
[2] : Specify "Alloy C-276" when ordering.

Butterfly Valve Type 56 (DN 400) - PN6

Model:
- Plastic gear
- Triple seal system
- Stem materials (SS403)
- ISO 5211 top flange
- Standard: DIN (European)

Option:
- Lubricant free (for wetted parts)
- Stem materials (SS316, Alloy C-276)
- Seat materials (CSM, NBR)
- Gear locking device
- Other standards: ANSI, JIS

Disc:	PP	PP	PP	PP	PVDF	PVDF	PVDF	PVDF
Body[1]:	PP	PP	PP	PP	PP	PP	PP	PP
Seal:	EPDM	FKM	FKM-F	FKM-C	EPDM	FKM	FKM-F	FKM-C
DN(mm)								
400	V56SGPEWD400	V56SGPVWD400	V56SGPFWD400	V56SGPCWD400	V56SGPEWD40000Q	V56SGPVWD40000Q	V56SGPFWD40000Q	V56SGPCWD40000Q

[1] : Not in contact with media.

Disc:	PVDF	PVDF	PVDF	PVDF
Body[1]:	PVDF	PVDF	PVDF	PVDF
Seal:	EPDM	FKM	FKM-F	FKM-C
DN(mm)				
400	V56SGFEWD400	V56SGFVWD400	V56SGFFWD400	V56SGFCWD400

[1] : Not in contact with media.

Stem material options[1]

	Stainless	
	Steel	Alloy
Option:	SS 316	C-276[2]
DN(mm)		
400	00T	***

[1] : Standard stem material: Stainless Steel SS 403.
Add a desired stem code at the end of the valve code.
[2] : Specify "Alloy C-276" when ordering.

Butterfly Valve Type 56D (DN 400) - PN7,5

Model:
- Plastic gear
- Triple seal system
- Stem materials (SS403)
- ISO 5211 top flange
- Standard: DIN (European)

Option:
- Lubricant free (for wetted parts)
- Stem materials (SS316, Alloy C-276)
- Seat materials (CSM, NBR)
- Gear locking device
- Other standards: ANSI, JIS

Disc:	PP	PP	PVDF	PVDF	PVDF	PVDF
Body[1]:	PDCPD	PDCPD	PDCPD	PDCPD	PDCPD	PDCPD
Seal:	EPDM	FKM	EPDM	FKM	FKM-F	FKM-C
DN(mm)						
400	V56SGDEWD400	V56SGDVWD400	V56SGDEWD40000Q	V56SGDVWD40000Q	V56SGDFWD40000Q	V56SGDCWD40000Q

[1] : Not in contact with media.

Butterfly Valve Type 75 (DN 450-600) - PN 5/3,5

Model:
- Plastic gear
- Triple seal system
- ISO 5211 top flange
- Standard: DIN (European)

Option:
- Lubricant free (for wetted parts)
- Stem materials (SS316, Alloy C-276)
- Seat materials (CSM, NBR)
- Gear locking device
- Other standards: ANSI, JIS

Disc:	PP	PP	PP	PP	PVDF	PVDF	PVDF	PVDF
Body[1]:	PP	PP	PP	PP	PP	PP	PP	PP
Seal:	EPDM	FKM	FKM-F	FKM-C	EPDM	FKM	FKM-F	FKM-C
DN(mm)								
450	V75SGPEWD450	V75SGPVWD450	V75SGPFWD450	V75SGPCWD450	V75SGZEWD45000Q	V75SGZVWD45000Q	V75SGZFWD45000Q	V75SGZCWD45000Q
500	V75SGPEWD500	V75SGPVWD500	V75SGPFWD500	V75SGPCWD500	V75SGZEWD50000Q	V75SGZVWD50000Q	V75SGZFWD50000Q	V75SGZCWD50000Q
600	V75SGPEWD600	V75SGPVWD600	V75SGPFWD600	V75SGPCWD600	V75SGZEWD60000Q	V75SGZVWD60000Q	V75SGZFWD60000Q	V75SGZCWD60000Q

[1] : Not in contact with media.

Stem material options[1]

Disc:	PVDF	PVDF	PVDF	PVDF
Body[1]:	PVDF	PVDF	PVDF	PVDF
Seal:	EPDM	FKM	FKM-F	FKM-C
DN(mm)				
450	V75SGFEWD450	V75SGFVWD450	V75SGFFWD450	V75SGFCWD450
500	V75SGFEWD500	V75SGFVWD500	V75SGFFWD500	V75SGFCWD500
600	V75SGFEWD600	V75SGFVWD600	V75SGFFWD600	V75SGFCWD600

[1] : Not in contact with media.

Option:	Stainless Steel SS 316	Alloy C-276[2]
DN(mm)		
450	00T	***
500	00T	***
600	00T	***

[1] : Standard stem material: Stainless Steel SS 403.
Add a desired stem code at the end of the valve code.
[2] : Specify "Alloy C-276" when ordering.

Butterfly Valve Type 75D (DN 450-600) - PN7,5

Model:
- Plastic gear
- Triple seal system
- ISO 5211 top flange
- Standard: DIN (European)

Option:
- Lubricant free (for wetted parts)
- Stem materials (SS316, Alloy C-276)
- Seat materials (CSM, NBR)
- Gear locking device
- Other standards: ANSI, JIS

Disc:	PP	PP	PVDF	PVDF	PVDF	PVDF
Body[1]:	PDCPD	PDCPD	PDCPD	PDCPD	PDCPD	PDCPD
Seal:	EPDM	FKM	EPDM	FKM	FKM-F	FKM-C
DN(mm)						
450	V75SGDEWD450	V75SGDVWD450	V75SGDEWD45000Q	V75SGDVWD45000Q	V75SGDFWD45000Q	V75SGDCWD45000Q
500	V75SGDEWD500	V75SGDVWD500	V75SGDEWD50000Q	V75SGDVWD50000Q	V75SGDFWD50000Q	V75SGDCWD50000Q
600	V75SGDEWD600	V75SGDVWD600	V75SGDEWD60000Q	V75SGDVWD60000Q	V75SGDFWD60000Q	V75SGDCWD60000Q

[1] : Not in contact with media.

Lug Butterfly Valve Type 57L - Lever (DIN or JIS standard)

Model:
- Lever with molded lock hole
- Triple seal system
- ISO 5211 top flange
- Standard: DIN (European)

Option:
- Lubricant free (for wetted parts)
- Stem materials (SS316, Alloy C-276)
- Seat materials (CSM, NBR)
- Other standard: JIS

Disc:	PP	PP	PP	PP	PVDF	PVDF	PVDF	PVDF
Body(1):	PDCPD	PDCPD	PDCPD	PDCPD	PDCPD	PDCPD	PDCPD	PDCPD
Seal:	EPDM	FKM	FKM-F	FKM-C	EPDM	FKM	FKM-F	FKM-C
DN(mm)								
80	VLGLVDEWD080	VLGLVDVWD080	VLGLVDFWD080	VLGLVDCWD080	VLGLVDEWD08000Q	VLGLVDVWD08000Q	VLGLVDFWD08000Q	VLGLVDCWD08000Q
100	VLGLVDEWD100	VLGLVDVWD100	VLGLVDFWD100	VLGLVDCWD100	VLGLVDEWD10000Q	VLGLVDVWD10000Q	VLGLVDFWD10000Q	VLGLVDCWD10000Q
125	VLGLVDEWD125	VLGLVDVWD125	VLGLVDFWD125	VLGLVDCWD125	VLGLVDEWD12500Q	VLGLVDVWD12500Q	VLGLVDFWD12500Q	VLGLVDCWD12500Q
150	VLGLVDEWD150	VLGLVDVWD150	VLGLVDFWD150	VLGLVDCWD150	VLGLVDEWD15000Q	VLGLVDVWD15000Q	VLGLVDFWD15000Q	VLGLVDCWD15000Q
200	VLGLVDEWD200	VLGLVDVWD200	VLGLVDFWD200	VLGLVDCWD200	VLGLVDEWD20000Q	VLGLVDVWD20000Q	VLGLVDFWD20000Q	VLGLVDCWD20000Q

(1) : Not in contact with media.

Lug Butterfly Valve Type 57L - Gear (DIN or JIS standard)

Model:
- Plastic gear
- Triple seal system
- ISO 5211 top flange
- Standard: DIN (European)

Option:
- Lubricant free (for wetted parts)
- Stem materials (SS316, Alloy C-276)
- Seat materials (CSM, NBR)
- Gear locking device
- Other standard: JIS

	PP	PP	PP	PVDF	PVDF	PVDF	PVDF
Body(1):	PDCPD	PDCPD	PDCPD	PDCPD	PDCPD	PDCPD	PDCPD
Seal:	EPDM	FKM	FKM-F	FKM-C	EPDM	FKM	FKM-F	FKM-C
DN(mm)								
80	VLGSGDEWD080	VLGSGDVWD080	VLGSGDFWD080	VLGSGDCWD080	VLGSGDEWD08000Q	VLGSGDVWD08000Q	VLGSGDFWD08000Q	VLGSGDCWD08000Q
100	VLGSGDEWD100	VLGSGDVWD100	VLGSGDFWD100	VLGSGDCWD100	VLGSGDEWD10000Q	VLGSGDVWD10000Q	VLGSGDFWD10000Q	VLGSGDCWD10000Q
125	VLGSGDEWD125	VLGSGDVWD125	VLGSGDFWD125	VLGSGDCWD125	VLGSGDEWD12500Q	VLGSGDVWD12500Q	VLGSGDFWD12500Q	VLGSGDCWD12500Q
150	VLGSGDEWD150	VLGSGDVWD150	VLGSGDFWD150	VLGSGDCWD150	VLGSGDEWD15000Q	VLGSGDVWD15000Q	VLGSGDFWD15000Q	VLGSGDCWD15000Q
200	VLGSGDEWD200	VLGSGDVWD200	VLGSGDFWD200	VLGSGDCWD200	VLGSGDEWD20000Q	VLGSGDVWD20000Q	VLGSGDFWD20000Q	VLGSGDCWD20000Q
250	VLGSGDEWD250	VLGSGDVWD250	VLGSGDFWD250	VLGSGDCWD250	VLGSGDEWD25000Q	VLGSGDVWD25000Q	VLGSGDFWD25000Q	VLGSGDCWD25000Q

(1) : Not in contact with media.

Lug Butterfly Valve Type 57TL (ANSI standard)

Lever

Model:
- Standard: ANSI
- Lever with molded lock hole or plastic gear
- Triple seal system
- ISO 5211 top flange

Option:
- Lubricant free (for wetted parts)
- Stem materials (SS316, Alloy C-276)
- Seat materials (CSM, NBR)
- Gear locking device

Gear

Disc:	PP	PP
Body(1):	PVC-U	PVC-U
Seal:	EPDM	FKM
DN(mm)		
80	VLTLVUEWA080	VLTLVUVWA080
100	VLTLVUEWA100	VLTLVUVWA100
125	VLTLVUEWA150	VLTLVUVWA150
150	VLTLVUEWA200	VLTLVUVWA200

(1) : Not in contact with media.

Disc:	PP	PP
Body(1):	PVC-U	PVC-U
Seal:	EPDM	FKM
DN(mm)		
80	VLTSGUEWA080	VLTSGUVWA080
100	VLTSGUEWA100	VLTSGUVWA100
150	VLTSGUEWA150	VLTSGUVWA150
200	VLTSGUEWA200	VLTSGUVWA200
250	VLTSGUEWA250	VLTSGUVWA250
300	VLTSGUEWA300	VLTSGUVWA300

(1) : Not in contact with media.

PTFE Butterfly Valve Type 55IS (metal body) - PN10

Model:

- Lever with molded lock hole or plastic gear
- PTFE coating
- Body: ductile iron epoxy powder coated FCD-S
- Short face-to-face (ISO 5752)
- ISO 5211 top flange
- Standard: DIN (European)

Option:

- Lubricant free (for wetted parts)
- Gear locking device
- Other standards: ANSI, JIS

Lever

Disc:	PTFE
Body(1):	FCD-S(2)
Seal:	PTFE
DN(mm)	
50	V5SLVSTWD050
65	V5SLVSTWD065
80	V5SLVSTWD080
100	V5SLVSTWD100
125	V5SLVSTWD125

(1) : Not in contact with media.
(2) : Ductile cast iron.

Gear

Disc:	PTFE
Body(1):	FCD-S(2)
Seal:	PTFE
DN(mm)	
50	V5SSGSTWD050
65	V5SSGSTWD065
80	V5SSGSTWD080
100	V5SSGSTWD100
125	V5SSGSTWD125
150	V5SSGSTWD150
200	V5SSGSTWD200
250	V5SSGSTWD250
300	V5SSGSTWD300
350	V5SSGSTWD350
400	V5SSGSTWD400

(1) : Not in contact with media.
(2) : Ductile cast iron.

Rotary Damper Valve

Model:

- Lever with molded lock hole or plastic gear
- For air volume control (ventilation)
- Not air tight
- ISO 5211 top flange
- Standard: DIN (European)

Option:

- Gear locking device
- Low leakage model
- Other standards: ANSI, JIS

Lever

Disc:	PP	PP	PVDF	PVDF
Body:	PVC-U	PP	PVDF	PVDF
Stem:				TI(1)
O-ring:	EPDM	EPDM	PTFE	PTFE
DN(mm)				
40	VD7LVUEWD040	VD7LVPEWD040	VD7LVFTWD040	VD7LVFTWD040300
50	VD7LVUEWD050	VD7LVPEWD065	VD7LVFTWD050	VD7LVFTWD050300
65	VD7LVUEWD065	VD7LVPEWD065	VD7LVFTWD065	VD7LVFTWD065300
80	VD7LVUEWD080	VD7LVPEWD080	VD7LVFTWD080	VD7LVFTWD065300
100	VD7LVUEWD100	VD7LVPEWD100	VD7LVFTWD100	VD7LVFTWD100300
125	VD7LVUEWD125	VD7LVPEWD125	VD7LVFTWD125	VD7LVFTWD125300
150	VD7LVUEWD150	VD7LVPEWD150	VD7LVFTWD150	VD7LVFTWD150300
200	VD7LVUEWD200	VD7LVPEWD200	VD7LVFTWD200	VD7LVFTWD200300
250	VD7LVUEWD250	VD7LVPEWD250	VD7LVFTWD250	VD7LVFTWD250300
300	VD7LVUEWD300	VD7LVPEWD300	VD7LVFTWD300	VD7LVFTWD300300
350	VD7LVUEWD350	VD7LVPEWD350	VD7LVFTWD350	VD7LVFTWD350300
400	-	VD6LVPEWD400	VD6LVFTWD400	-
450	-	VDPLVPEWD450	VDPLVFTWD450	-
500	-	VDPLVPEWD500	VDPLVFTWD500	-
600	-	VDPLVPEWD600	VDPLVFTWD600	-

Gear

Disc:	PVDF	PVDF
Body:	PVDF	PVDF
Stem:		TI(1)
Seal:	PTFE	PTFE
DN(mm)		
40	VD7SGFTWD040	VD7SGFTWD040300
50	VD7SGFTWD050	VD7SGFTWD050300
65	VD7SGFTWD065	VD7SGFTWD065300
80	VD7SGFTWD080	VD7SGFTWD080300
100	VD7SGFTWD100	VD7SGFTWD100300
125	VD7SGFTWD125	VD7SGFTWD125300
150	VD7SGFTWD150	VD7SGFTWD150300
200	VD7SGFTWD200	VD7SGFTWD200300
250	VD7SGFTWD250	VD7SGFTWD250300
300	VD7SGFTWD300	VD7SGFTWD300300
350	VD7SGFTWD350	VD7SGFTWD350300
400	VD6SGFTWD400	-
450	VDPSGFTWD450	-
500	VDPSGFTWD500	-
600	VDPSGFTWD600	-

(1) : Titanium stem for minimal air leakage damper model.

Accessories and options for butterfly valves

- **Locking device**

  For Gear: handle lock device
  For Lever: comes as standard.
  Note: pad-lock not included.

- **Handle set**

  Colours: Red (standard) or blue

- **Stem extension**

  Stem length up to 4 meters available.

- **Chain operator**

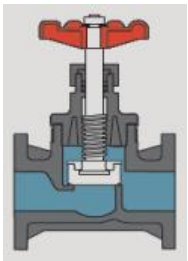
  Horizontal (type A) and vertical (type B) operators.

- **Limit Switch**

- **Top gear**

  Handle or top cap versions.

Stop (globe) valves



Model:
- Compact body design
- Flow control

Option:
- Needle disc for better flow controllability

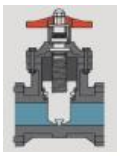
Body:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U
Seal:	EPDM	EPDM	EPDM	FKM	FKM	FKM
Connection:	SOCKET	THREADED	FLANGED	SOCKET	THREADED	FLANGED
DN (mm)						
15	VSTMHUESD015	VSTMHUEND015	VSTMHUEFD015	VSTMHUVSD015	VSTMHUVND015	VSTMHUVFD015
20	VSTMHUESD020	VSTMHUEND020	VSTMHUEFD020	VSTMHUVSD020	VSTMHUVND020	VSTMHUVFD020
25	VSTMHUESD025	VSTMHUEND025	VSTMHUEFD025	VSTMHUVSD025	VSTMHUVND025	VSTMHUVFD025
32	-	VSTMHUEND032	VSTMHUEFD032	-	VSTMHUVND032	VSTMHUVFD032
40	-	VSTMHUEND040	VSTMHUEFD040	-	VSTMHUVND040	VSTMHUVFD040
50	-	VSTMHUEND050	VSTMHUEFD050	-	VSTMHUVND050	VSTMHUVFD050
65	-	-	VSTMHUEFD065	-	-	VSTMHUVFD065
80	-	-	VSTMHUEFD080	-	-	VSTMHUVFD080
100	-	-	VSTMHUEFD100	-	-	VSTMHUVFD100

Table continues on the next page…

Body:	PP	PP	PP	PP
Seal:	EPDM	EPDM	FKM	FKM
Connection:	THREADED	FLANGED	THREADED	FLANGED
DN (mm)				
15	VSTMHPEND015	VSTMHPEFD015	VSTMHPVND015	VSTMHPVFD015
20	VSTMHPEND020	VSTMHPEFD020	VSTMHPVND020	VSTMHPVFD020
25	VSTMHPEND025	VSTMHPEFD025	VSTMHPVND025	VSTMHPVFD025
32	VSTMHPEND032	-	-	-
40	VSTMHPEND040	VSTMHPEFD040	-	VSTMHPVFD040
50	VSTMHPEND050	VSTMHPEFD050	-	VSTMHPVFD050
65	-	VSTMHPEFD065	-	VSTMHPVFD065
80	-	VSTMHPEFD080	-	VSTMHPVFD080
100	-	VSTMHPEFD100	-	VSTMHPVFD100

Gate valves

Gate Valves - Manual - Types P, S, 66



Type "P"

- With PP gate sealing
- Ideal for distribution (as water)
- With round handle or top cap
- With opening indicator under the handle

Type "S"

- Gate with Soft seat sealing
- Ideal for media with slurry (as water treatment or irrigation)
- With round handle or top cap
- With opening indicator under the handle

Body:	HI-PVC	HI-PVC
Gate Type:	P	P
Gate PLUG:	PP	PP
O-ring:	EPDM	FKM
Connection:	FLANGED	FLANGED
DN (mm)		
40	VCGMJIEFD040	VCGMJIVFD040
50	VCGMJIEFD050	VCGMJIVFD050
65	VCGMJIEFD065	VCGMJIVFD065
80	VCGMJIEFD080	VCGMJIVFD080
100	VCGMJIEFD100	VCGMJIVFD100
125	VCGMJIEFD125	VCGMJIVFD125
150	VCGMJIEFD150	VCGMJIVFD150
200	VCGMJIEFD200	VCGMJIVFD200
250	VCGMJIEFD250	VCGMJIVFD250
300	VCGMJIEFD300	VCGMJIVFD300
350	VCGMJIEFD350	VCGMJIVFD350

Body:	HI-PVC
Gate Type:	S
SOFT Seat:	SBR
O-ring:	EPDM
Connection:	FLANGED
DN (mm)	
50[1]	VTGMJISFD050
65	VSGMJISFD065
80[1]	VS6CLISFD080
100[1]	VS6CLISFD100
125	VSGMJISFD125
150[1]	VS6CLISFD150
200	VSGMJISFD200

[1] S-66 Type : with travel stop for cap version

Gate Valve - Manual - Rising stem type

- Ideal for media with slurry (as water treatment or irrigation)
- No media contact with stem and gate threads
- Gate with Soft seat sealing

Body:	HI-PVC
Gate type:	S
SOFT Seat:	SBR
O-ring:	EPDM
Connection:	FLANGED
DN (mm)	
40	VTRMLISFD040
50	VTRMLISFD050
65	VSRMLISFD040
80	VTRMLISFD080
100	VTRMLISFD100
125	VSRMLISFD125
150	VTRMLISFD150
200	VSRMLISFD200

Check valves

Swing Check Valve

Model:

- Self return swing prevents fluid backflow
- Removable top bonnet for easy mantenance
- Long lasting against vibrations
- Ideal for aggressive media
- Standard: DIN (European)

Option:

- Lubricant free
- EL-PVDF Body
- Other standards: ANSI, JIS

Body:	HI-PVC	HI-PVC	HI-PVC	PP	PP	PP	PP	PP
Swing disc:	HI-PVC	HI-PVC	HI-PVC	PVDF	PVDF	PVDF	PVDF	PVDF
Seat:	EPDM	FKM	PTFE	EPDM	FKM	PTFE	PTFE	CSM
O-Ring:	EPDM	FKM	PFA	EPDM	FKM	PFA	FKM-F	CSM
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)								
15	VSCORIEFD015	VSCORIVFD015	VSCORIPFD015	VSCORPEFD015	VSCORPVFD015	VSCORPPFD015	VSCORP3FD015	VSCORPZFD015
20	VSCORIEFD020	VSCORIVFD020	VSCORIPFD020	VSCORPEFD020	VSCORPVFD020	VSCORPPFD020	VSCORP3FD020	VSCORPZFD020
25	VSCORIEFD025	VSCORIVFD025	VSCORIPFD025	VSCORPEFD025	VSCORPVFD025	VSCORPPFD025	VSCORP3FD025	VSCORPZFD025
32	VSCORIEFD032	VSCORIVFD032	VSCORIPFD032	VSCORPEFD032	VSCORPVFD032	VSCORPPFD032	VSCORP3FD032	VSCORPZFD032
40	VSCORIEFD040	VSCORIVFD040	VSCORIPFD040	VSCORPEFD040	VSCORPVFD040	VSCORPPFD040	VSCORP3FD040	VSCORPZFD040
50	VSCORIEFD050	VSCORIVFD050	VSCORIPFD050	VSCORPEFD050	VSCORPVFD050	VSCORPPFD050	VSCORP3FD050	VSCORPZFD050
65	VSCORIEFD065	VSCORIVFD065	VSCORIPFD065	VSCORPEFD065	VSCORPVFD065	VSCORPPFD065	VSCORP3FD065	VSCORPZFD065
80	VSCORIEFD080	VSCORIVFD080	VSCORIPFD080	VSCORPEFD080	VSCORPVFD080	VSCORPPFD080	VSCORP3FD080	VSCORPZFD080
100	VSCORIEFD100	VSCORIVFD100	VSCORIPFD100	VSCORPEFD100	VSCORPVFD100	VSCORPPFD100	VSCORP3FD100	VSCORPZFD100
125	VSCORIEFD125	VSCORIVFD125	VSCORIPFD125	VSCORPEFD125	VSCORPVFD125	VSCORPPFD125	VSCORP3FD125	VSCORPZFD125
150	VSCORIEFD150	VSCORIVFD150	VSCORIPFD150	VSCORPEFD150	VSCORPVFD150	VSCORPPFD150	VSCORP3FD150	VSCORPZFD150
200	VSCORIEFD200	VSCORIVFD200	VSCORIPFD200	VSCORPEFD200	VSCORPVFD200	VSCORPPFD200	VSCORP3FD200	VSCORPZFD200

Table continues on the next page...

Body:	PP	PP	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Swing disc:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seat:	FKM-F	FKM-C	EPDM	FKM	PTFE	PTFE	FKM-F	FKM-C
O-Ring:	FKM-F	FKM-C	EPDM	FKM	PFA	FKM-F	FKM-F	FKM-C
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)								
15	VSCORPFFD015	VSCORPCFD015	VSCORFEFD015	VSCORFVFD015	VSCORFPFD015	VSCORF3FD015	VSCORFFFD015	VSCORFCFD015
20	VSCORPFFD020	VSCORPCFD020	VSCORFEFD020	VSCORFVFD020	VSCORFPFD020	VSCORF3FD020	VSCORFFFD020	VSCORFCFD020
25	VSCORPFFD025	VSCORPCFD025	VSCORFEFD025	VSCORFVFD025	VSCORFPFD025	VSCORF3FD025	VSCORFFFD025	VSCORFCFD025
32	VSCORPFFD032	VSCORPCFD032	VSCORFEFD032	VSCORFVFD032	VSCORFPFD032	VSCORF3FD032	VSCORFFFD032	VSCORFCFD032
40	VSCORPFFD040	VSCORPCFD040	VSCORFEFD040	VSCORFVFD040	VSCORFPFD040	VSCORF3FD040	VSCORFFFD040	VSCORFCFD040
50	VSCORPFFD050	VSCORPCFD050	VSCORFEFD050	VSCORFVFD050	VSCORFPFD050	VSCORF3FD050	VSCORFFFD050	VSCORFCFD050
65	VSCORPFFD065	VSCORPCFD065	VSCORFEFD065	VSCORFVFD065	VSCORFPFD065	VSCORF3FD065	VSCORFFFD065	VSCORFCFD065
80	VSCORPFFD080	VSCORPCFD080	VSCORFEFD080	VSCORFVFD080	VSCORFPFD080	VSCORF3FD080	VSCORFFFD080	VSCORFCFD080
100	VSCORPFFD100	VSCORPCFD100	VSCORFEFD100	VSCORFVFD100	VSCORFPFD100	VSCORF3FD100	VSCORFFFD100	VSCORFCFD100
125	VSCORPFFD125	VSCORPCFD125	VSCORFEFD125	VSCORFVFD125	VSCORFPFD125	VSCORF3FD125	VSCORFFFD125	VSCORFCFD125
150	VSCORPFFD150	VSCORPCFD150	VSCORFEFD150	VSCORFVFD150	VSCORFPFD150	VSCORF3FD150	VSCORFFFD150	VSCORFCFD150
200	VSCORPFFD200	VSCORPCFD200	VSCORFEFD200	VSCORFVFD200	VSCORFPFD200	VSCORF3FD200	VSCORFFFD200	VSCORFCFD200

Wafer Check Valve (self return)

- Short face-to-face (ISO 5752)

Without spring

With spring

With drain plug(1)

Body:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM
DN (mm)						
80	VWCZZUEWD080	VWCZZUVWD080	VWCZZUEWD080067	VWCZZUVWD080067	VWCZZUEWD080	VWCZZUVWD080
100	VWCZZUEWD100	VWCZZUVWD100	VWCZZUEWD100067	VWCZZUVWD100067	VWCZZUEWD100	VWCZZUVWD100
125	VWCZZUEWD125	VWCZZUVWD125	VWCZZUEWD125067	VWCZZUVWD125067	VWCZZUEWD125	VWCZZUVWD125
150	VWCZZUEWD150	VWCZZUVWD150	VWCZZUEWD150067	VWCZZUVWD150067	VWCZZUEWD150	VWCZZUVWD150
200	VWCZZUEWD200	VWCZZUVWD200	VWCZZUEWD200067	VWCZZUVWD200067	VWCZZUEWD200	VWCZZUVWD200
250	VWCZZUEWD250	VWCZZUVWD250	VWCZZUEWD250067	VWCZZUVWD250067	VWCZZUEWD250	VWCZZUVWD250
300	VWCZZUEWD300	VWCZZUVWD300	VWCZZUEWD300067	VWCZZUVWD300067	VWCZZUEWD300	VWCZZUVWD300

(1) : Specify "with drain plug" when ordering.

Ball Check Valve (single union)

Model:

- Self return ball
- With low fluid resistance flow
- Long lasting design against vibrations
- Standard: DIN (European)

Option:

- Lubricant free
- Other standards: ANSI, JIS

Body:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-C	PVC-C	PVC-C	PVC-C
Ball:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-C	PVC-C	PVC-C	PVC-C
Seal:	EPDM	EPDM	FKM	FKM	EPDM	EPDM	FKM	FKM
Connection:	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED
DN (mm)								
15	VBCZZUESD015	VBCZZUEND015	VBCZZUVSD015	VBCZZUVND015	VBCZZCESD015	VBCZZCEND015	VBCZZCVSD015	VBCZZCVND015
20	VBCZZUESD020	VBCZZUEND020	VBCZZUVSD020	VBCZZUVND020	VBCZZCESD020	VBCZZCEND020	VBCZZCVSD020	VBCZZCVND020
25	VBCZZUESD025	VBCZZUEND025	VBCZZUVSD025	VBCZZUVND025	VBCZZCESD025	VBCZZCEND025	VBCZZCVSD025	VBCZZCVND025
40	VBCZZUESD040	VBCZZUEND040	VBCZZUVSD040	VBCZZUVND040	VBCZZCESD040	VBCZZCEND040	VBCZZCVSD040	VBCZZCVND040
50	VBCZZUESD050	VBCZZUEND050	VBCZZUVSD050	VBCZZUVND050	VBCZZCESD050	VBCZZCEND050	VBCZZCVSD050	VBCZZCVND050
80	VBCZZUESD080	VBCZZUEND080	VBCZZUVSD080	VBCZZUVND080	VBCZZCESD080	VBCZZCEND080	VBCZZCVSD080	VBCZZCVND080
100	VBCZZUESD100	VBCZZUEND100	VBCZZUVSD100	VBCZZUVND100	VBCZZCESD100	VBCZZCEND100	VBCZZCVSD100	VBCZZCVND100

Body:	PP	PP	PP	PP	PP	PP	PP	PP
Ball:	PP	PP	PP	PP	PP	PP	PP	PP
Seal:	EPDM	EPDM	FKM	FKM	FKM-F	FKM-F	FKM-C	FKM-C
Connection:	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED
DN (mm)								
15	VBCZZPESD015	VBCZZPEND015	VBCZZPVSD015	VBCZZPVND015	VBCZZPFSD015	VBCZZPFND015	VBCZZPCSD015	VBCZZPCND015
20	VBCZZPESD020	VBCZZPEND020	VBCZZPVSD020	VBCZZPVND020	VBCZZPFSD020	VBCZZPFND020	VBCZZPCSD020	VBCZZPCND020
25	VBCZZPESD025	VBCZZPEND025	VBCZZPVSD025	VBCZZPVND025	VBCZZPFSD025	VBCZZPFND025	VBCZZPCSD025	VBCZZPCND025
40	VBCZZPESD040	VBCZZPEND040	VBCZZPVSD040	VBCZZPVND040	VBCZZPFSD040	VBCZZPFND040	VBCZZPCSD040	VBCZZPCND040
50	VBCZZPESD050	VBCZZPEND050	VBCZZPVSD050	VBCZZPVND050	VBCZZPFSD050	VBCZZPFND050	VBCZZPCSD050	VBCZZPCND050
80	VBCZZPESD080	VBCZZPEND080	VBCZZPVSD080	VBCZZPVND080	VBCZZPFSD080	VBCZZPFND080	VBCZZPCSD080	VBCZZPCND080
100	VBCZZPESD100	VBCZZPEND100	VBCZZPVSD100	VBCZZPVND100	VBCZZPFSD100	VBCZZPFND100	VBCZZPCSD100	VBCZZPCND100

Body:	PP	PP	PP	PP	PP	PP	PP	PP
Ball:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seal:	EPDM	EPDM	FKM	FKM	FKM-F	FKM-F	FKM-C	FKM-C
Connection:	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED
DN (mm)								
15	VBCZZPESD01500L	VBCZZPEND01500L	VBCZZPVSD01500L	VBCZZPVND01500L	VBCZZPFSD01500L	VBCZZPFND01500L	VBCZZPFSD01500L	VBCZZPFND01500L
20	VBCZZPESD02000L	VBCZZPEND02000L	VBCZZPVSD02000L	VBCZZPVND02000L	VBCZZPFSD02000L	VBCZZPFND02000L	VBCZZPFSD02000L	VBCZZPFND02000L
25	VBCZZPESD02500L	VBCZZPEND02500L	VBCZZPVSD02500L	VBCZZPVND02500L	VBCZZPFSD02500L	VBCZZPFND02500L	VBCZZPFSD02500L	VBCZZPFND02500L
40	VBCZZPESD04000L	VBCZZPEND04000L	VBCZZPVSD04000L	VBCZZPVND04000L	VBCZZPFSD04000L	VBCZZPFND04000L	VBCZZPFSD04000L	VBCZZPFND04000L
50	VBCZZPESD05000L	VBCZZPEND05000L	VBCZZPVSD05000L	VBCZZPVND05000L	VBCZZPFSD05000L	VBCZZPFND05000L	VBCZZPFSD05000L	VBCZZPFND05000L
80	VBCZZPESD08000L	VBCZZPEND08000L	VBCZZPVSD08000L	VBCZZPVND08000L	VBCZZPFSD08000L	VBCZZPFND08000L	VBCZZPFSD08000L	VBCZZPFND08000L
100	VBCZZPESD10000L	VBCZZPEND10000L	VBCZZPVSD10000L	VBCZZPVND10000L	VBCZZPFSD10000L	VBCZZPFND10000L	VBCZZPFSD10000L	VBCZZPFND10000L

Body:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Ball:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seal:	EPDM	EPDM	FKM	FKM	FKM-F	FKM-F	FKM-C	FKM-C
Connection:	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED
DN (mm)								
15	VBCZZFESD015	VBCZZFEND015	VBCZZFVSD015	VBCZZFVND015	VBCZZFFSD015	VBCZZFFND015	VBCZZFCSD015	VBCZZFCND015
20	VBCZZFESD020	VBCZZFEND020	VBCZZFVSD020	VBCZZFVND020	VBCZZFFSD020	VBCZZFFND020	VBCZZFCSD020	VBCZZFCND020
25	VBCZZFESD025	VBCZZFEND025	VBCZZFVSD025	VBCZZFVND025	VBCZZFFSD025	VBCZZFFND025	VBCZZFCSD025	VBCZZFCND025
40	VBCZZFESD040	VBCZZFEND040	VBCZZFVSD040	VBCZZFVND040	VBCZZFFSD040	VBCZZFFND040	VBCZZFCSD040	VBCZZFCND040
50	VBCZZFESD050	VBCZZFEND050	VBCZZFVSD050	VBCZZFVND050	VBCZZFFSD050	VBCZZFFND050	VBCZZFCSD050	VBCZZFCND050
80	VBCZZFESD080	VBCZZFEND080	VBCZZFVSD080	VBCZZFVND080	VBCZZFFSD080	VBCZZFFND080	VBCZZFCSD080	VBCZZFCND080
100	VBCZZFESD100	VBCZZFEND100	VBCZZFVSD100	VBCZZFVND100	VBCZZFFSD100	VBCZZFFND100	VBCZZFCSD100	VBCZZFCND100

Ball Check Valve (true unions)

Model:

- Self return ball
- With low fluid resistance flow
- Long lasting design against vibrations
- Standard: DIN (European)

Option:

- Lubricant free
- Other standards: ANSI, JIS

Body:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U
Ball:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U
Seal:	EPDM	EPDM	EPDM	FKM	FKM	FKM
Connection:	SOCKET	THREADED	FLANGED	SOCKET	THREADED	FLANGED
DN (mm)						
15	VTCZZUESD015	VTCZZUEND015	VTCZZUEFD015	VTCZZUVSD015	VTCZZUVND015	VTCZZUVFD015
20	VTCZZUESD020	VTCZZUEND020	VTCZZUEFD020	VTCZZUVSD020	VTCZZUVND020	VTCZZUVFD020
25	VTCZZUESD025	VTCZZUEND025	VTCZZUEFD025	VTCZZUVSD025	VTCZZUVND025	VTCZZUVFD025
32	VTCZZUESD032	VTCZZUEND032	VTCZZUEFD032	VTCZZUVSD032	VTCZZUVND032	VTCZZUVFD032
40	VTCZZUESD040	VTCZZUEND040	VTCZZUEFD040	VTCZZUVSD040	VTCZZUVND040	VTCZZUVFD040
50	VTCZZUESD050	VTCZZUEND050	VTCZZUEFD050	VTCZZUVSD050	VTCZZUVND050	VTCZZUVFD050

Body:	PVC-C	PVC-C	PVC-C	PVC-C	PVC-C	PVC-C
Ball:	PVC-C	PVC-C	PVC-C	PVC-C	PVC-C	PVC-C
Seal:	EPDM	EPDM	EPDM	FKM	FKM	FKM
Connection:	SOCKET	THREADED	FLANGED	SOCKET	THREADED	FLANGED
DN (mm)						
15	VTCZZCESD015	VTCZZCEND015	VTCZZCEFD015	VTCZZCVSD015	VTCZZCVND015	VTCZZCVFD015
20	VTCZZCESD020	VTCZZCEND020	VTCZZCEFD020	VTCZZCVSD020	VTCZZCVND020	VTCZZCVFD020
25	VTCZZCESD025	VTCZZCEND025	VTCZZCEFD025	VTCZZCVSD025	VTCZZCVND025	VTCZZCVFD025
32	VTCZZCESD032	VTCZZCEND032	VTCZZCEFD032	VTCZZCVSD032	VTCZZCVND032	VTCZZCVFD032
40	VTCZZCESD040	VTCZZCEND040	VTCZZCEFD040	VTCZZCVSD040	VTCZZCVND040	VTCZZCVFD040
50	VTCZZCESD050	VTCZZCEND050	VTCZZCEFD050	VTCZZCVSD050	VTCZZCVND050	VTCZZCVFD050

Body:	PP	PP	PP	PP	PP	PP	PP	PP
Ball:	PP	PP	PP	PP	PP	PP	PP	PP
Seal:	EPDM	EPDM	EPDM	EPDM	FKM	FKM	FKM	FKM
Connection:	SOCKET	THREADED	SPIGOT	FLANGED	SOCKET	THREADED	SPIGOT	FLANGED
DN (mm)								
15	VTCZZPESD015	VTCZZPEND015	VTCZZPEPD015	VTCZZPEFD015	VTCZZPVSD015	VTCZZPVND015	VTCZZPVPD015	VTCZZPVFD015
20	VTCZZPESD020	VTCZZPEND020	VTCZZPEPD020	VTCZZPEFD020	VTCZZPVSD020	VTCZZPVND020	VTCZZPVPD020	VTCZZPVFD020
25	VTCZZPESD025	VTCZZPEND025	VTCZZPEPD025	VTCZZPEFD025	VTCZZPVSD025	VTCZZPVND025	VTCZZPVPD025	VTCZZPVFD025
32	VTCZZPESD032	VTCZZPEND032	VTCZZPEPD032	VTCZZPEFD015	VTCZZPVSD032	VTCZZPVND032	VTCZZPVPD032	VTCZZPVFD032
40	VTCZZPESD040	VTCZZPEND040	VTCZZPEPD040	VTCZZPEFD040	VTCZZPVSD040	VTCZZPVND040	VTCZZPVPD040	VTCZZPVFD040
50	VTCZZPESD050	VTCZZPEND050	VTCZZPEPD050	VTCZZPEFD050	VTCZZPVSD050	VTCZZPVND050	VTCZZPVPD050	VTCZZPVFD050

Body:	PP	PP	PP	PP	PP	PP	PP	PP
Ball:	PP	PP	PP	PP	PP	PP	PP	PP
Seal:	FKM-F	FKM-F	FKM-F	FKM-F	FKM-C	FKM-C	FKM-C	FKM-C
Connection:	SOCKET	THREADED	SPIGOT	FLANGED	SOCKET	THREADED	SPIGOT	FLANGED
DN (mm)								
15	VTCZZPFSD015	VTCZZPFND015	VTCZZPFPD015	VTCZZPFFD015	VTCZZPCSD015	VTCZZPCND015	VTCZZPCPD015	VTCZZPCFD015
20	VTCZZPFSD020	VTCZZPFND020	VTCZZPFPD020	VTCZZPFFD020	VTCZZPCSD020	VTCZZPCND020	VTCZZPCPD020	VTCZZPCFD020
25	VTCZZPFSD025	VTCZZPFND025	VTCZZPFPD025	VTCZZPFFD025	VTCZZPCSD025	VTCZZPCND025	VTCZZPCPD025	VTCZZPCFD025
32	VTCZZPFSD032	VTCZZPFND032	VTCZZPFPD032	VTCZZPFFD032	VTCZZPCSD032	VTCZZPCND032	VTCZZPCPD032	VTCZZPCFD032
40	VTCZZPFSD040	VTCZZPFND040	VTCZZPFPD040	VTCZZPFFD040	VTCZZPCSD040	VTCZZPCND040	VTCZZPCPD040	VTCZZPCFD040
50	VTCZZPFSD050	VTCZZPFND050	VTCZZPFPD050	VTCZZPFFD050	VTCZZPCSD050	VTCZZPCND050	VTCZZPCPD050	VTCZZPCFD050

Body:	PP	PP	PP	PP	PP	PP	PP	PP
Ball:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seal:	EPDM	EPDM	EPDM	EPDM	FKM	FKM	FKM	FKM
Connection:	SOCKET	THREADED	SPIGOT	FLANGED	SOCKET	THREADED	SPIGOT	FLANGED
DN (mm)								
15	VTCZZPESD01500L	VTCZZPEND01500L	VTCZZPEPD01500L	VTCZZPEFD01500L	VTCZZPVSD01500L	VTCZZPVND01500L	VTCZZPVPD01500L	VTCZZPVFD01500L
20	VTCZZPESD02000L	VTCZZPEND02000L	VTCZZPEPD02000L	VTCZZPEFD02000L	VTCZZPVSD02000L	VTCZZPVND02000L	VTCZZPVPD02000L	VTCZZPVFD02000L
25	VTCZZPESD02500L	VTCZZPEND02500L	VTCZZPEPD02500L	VTCZZPEFD02500L	VTCZZPVSD02500L	VTCZZPVND02500L	VTCZZPVPD02500L	VTCZZPVFD02500L
32	VTCZZPESD03200L	VTCZZPEND03200L	VTCZZPEPD03200L	VTCZZPEFD01500L	VTCZZPVSD03200L	VTCZZPVND03200L	VTCZZPVPD03200L	VTCZZPVFD03200L
40	VTCZZPESD04000L	VTCZZPEND04000L	VTCZZPEPD04000L	VTCZZPEFD04000L	VTCZZPVSD04000L	VTCZZPVND04000L	VTCZZPVPD04000L	VTCZZPVFD04000L
50	VTCZZPESD05000L	VTCZZPEND05000L	VTCZZPEPD05000L	VTCZZPEFD05000L	VTCZZPVSD05000L	VTCZZPVND05000L	VTCZZPVPD05000L	VTCZZPVFD05000L

Table continues on the next page...

Body:	PP	PP	PP	PP	PP	PP	PP	PP
Ball:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seal:	FKM-F	FKM-F	FKM-F	FKM-F	FKM-C	FKM-C	FKM-C	FKM-C
Connection:	SOCKET	THREADED	SPIGOT	FLANGED	SOCKET	THREADED	SPIGOT	FLANGED
DN (mm)								
15	VTCZZPFSD01500L	VTCZZPFND01500L	VTCZZPFPD01500L	VTCZZPFFD01500L	VTCZZPCSD01500L	VTCZZPCND01500L	VTCZZPCPD01500L	VTCZZPCFD01500L
20	VTCZZPFSD02000L	VTCZZPFND02000L	VTCZZPFPD02000L	VTCZZPFFD02000L	VTCZZPCSD02000L	VTCZZPCND02000L	VTCZZPCPD02000L	VTCZZPCFD02000L
25	VTCZZPFSD02500L	VTCZZPFND02500L	VTCZZPFPD02500L	VTCZZPFFD02500L	VTCZZPCSD02500L	VTCZZPCND02500L	VTCZZPCPD02500L	VTCZZPCFD02500L
32	VTCZZPFSD03200L	VTCZZPFND03200L	VTCZZPFPD03200L	VTCZZPFFD03200L	VTCZZPCSD03200L	VTCZZPCND03200L	VTCZZPCPD03200L	VTCZZPCFD03200L
40	VTCZZPFSD04000L	VTCZZPFND04000L	VTCZZPFPD04000L	VTCZZPFFD04000L	VTCZZPCSD04000L	VTCZZPCND04000L	VTCZZPCPD04000L	VTCZZPCFD04000L
50	VTCZZPFSD05000L	VTCZZPFND05000L	VTCZZPFPD05000L	VTCZZPFFD05000L	VTCZZPCSD05000L	VTCZZPCND05000L	VTCZZPCPD05000L	VTCZZPCFD05000L

Body:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Ball:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seal:	EPDM	EPDM	EPDM	EPDM	FKM	FKM	FKM	FKM
Connection:	SOCKET	THREADED	SPIGOT	FLANGED	SOCKET	THREADED	SPIGOT	FLANGED
DN (mm)								
15	VTCZZFESD015	VTCZZFEND015	VTCZZFEPD015	VTCZZFEFD015	VTCZZFVSD015	VTCZZFVND015	VTCZZFVPD015	VTCZZFVFD015
20	VTCZZFESD020	VTCZZFEND020	VTCZZFEPD020	VTCZZFEFD020	VTCZZFVSD020	VTCZZFVND020	VTCZZFVPD020	VTCZZFVFD020
25	VTCZZFESD025	VTCZZFEND025	VTCZZFEPD032	VTCZZFEFD025	VTCZZFVSD025	VTCZZFVND025	VTCZZFVPD025	VTCZZFVFD025
32	VTCZZFESD032	VTCZZFEND032	VTCZZFEPD025	VTCZZFEFD032	VTCZZFVSD032	VTCZZFVND032	VTCZZFVPD032	VTCZZFVFD032
40	VTCZZFESD040	VTCZZFEND040	VTCZZFEPD040	VTCZZFEFD040	VTCZZFVSD040	VTCZZFVND040	VTCZZFVPD040	VTCZZFVFD040
50	VTCZZFESD050	VTCZZFEND050	VTCZZFEPD050	VTCZZFEFD050	VTCZZFVSD050	VTCZZFVND050	VTCZZFVPD050	VTCZZFVFD050

Body:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Ball:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seal:	FKM-F	FKM-F	FKM-F	FKM-F	FKM-C	FKM-C	FKM-C	FKM-C
Connection:	SOCKET	THREADED	SPIGOT	FLANGED	SOCKET	THREADED	SPIGOT	FLANGED
DN (mm)								
15	VTCZZFFSD015	VTCZZFFND015	VTCZZFFPD015	VTCZZFFFD015	VTCZZFCSD015	VTCZZFCND015	VTCZZFCPD015	VTCZZFCFD015
20	VTCZZFFSD020	VTCZZFFND020	VTCZZFFPD020	VTCZZFFFD020	VTCZZFCSD020	VTCZZFCND020	VTCZZFCPD020	VTCZZFCFD020
25	VTCZZFFSD025	VTCZZFFND025	VTCZZFFPD025	VTCZZFFFD025	VTCZZFCSD025	VTCZZFCND025	VTCZZFCPD025	VTCZZFCFD025
32	VTCZZFFSD032	VTCZZFFND032	VTCZZFFPD032	VTCZZFFFD032	VTCZZFCSD032	VTCZZFCND032	VTCZZFCPD032	VTCZZFCFD032
40	VTCZZFFSD040	VTCZZFFND040	VTCZZFFPD040	VTCZZFFFD040	VTCZZFCSD040	VTCZZFCND040	VTCZZFCPD040	VTCZZFCFD040
50	VTCZZFFSD050	VTCZZFFND050	VTCZZFFPD050	VTCZZFFFD050	VTCZZFCSD050	VTCZZFCND050	VTCZZFCPD050	VTCZZFCFD050

Ball Foot Valve

Model:

- Self return ball
- With low fluid resistance flow
- Long lasting design against vibrations
- Standard: DIN (European)

Option:

- Lubricant free
- Other standards: ANSI, JIS

Body:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-C	PVC-C	PVC-C	PVC-C
Ball:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-C	PVC-C	PVC-C	PVC-C
Seal:	EPDM	EPDM	FKM	FKM	EPDM	EPDM	FKM	FKM
Connection:	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED
DN (mm)								
15	VFTZZUESD015	VFTZZUEND015	VFTZZUVSD015	VFTZZUVND015	VFTZZCESD015	VFTZZCEND015	VFTZZCVSD015	VFTZZCVND015
20	VFTZZUESD020	VFTZZUEND020	VFTZZUVSD020	VFTZZUVND020	VFTZZCESD020	VFTZZCEND020	VFTZZCVSD020	VFTZZCVND020
25	VFTZZUESD025	VFTZZUEND025	VFTZZUVSD025	VFTZZUVND025	VFTZZCESD025	VFTZZCEND025	VFTZZCVSD025	VFTZZCVND025
40	VFTZZUESD040	VFTZZUEND040	VFTZZUVSD040	VFTZZUVND040	VFTZZCESD040	VFTZZCEND040	VFTZZCVSD040	VFTZZCVND040
50	VFTZZUESD050	VFTZZUEND050	VFTZZUVSD050	VFTZZUVND050	VFTZZCESD050	VFTZZCEND050	VFTZZCVSD050	VFTZZCVND050
80	VFTZZUESD080	VFTZZUEND080	VFTZZUVSD080	VFTZZUVND080	VFTZZCESD080	VFTZZCEND080	VFTZZCVSD080	VFTZZCVND080
100	VFTZZUESD100	VFTZZUEND100	VFTZZUVSD100	VFTZZUVND100	VFTZZCESD100	VFTZZCEND100	VFTZZCVSD100	VFTZZCVND100

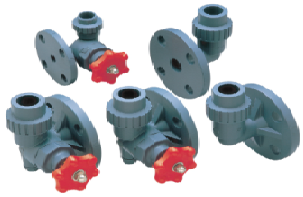
Body:	PP	PP	PP	PP	PP	PP
Ball:	PP	PP	PP	PP	PP	PP
Seal:	EPDM	EPDM	EPDM	FKM	FKM	FKM
Connection:	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT
DN (mm)						
15	VFTZZPESD015	VFTZZPEND015	VFTZZPEPD015	VFTZZPVSD015	VFTZZPVND015	VFTZZPVPD015
20	VFTZZPESD020	VFTZZPEND020	VFTZZPEPD020	VFTZZPVSD020	VFTZZPVND020	VFTZZPVPD020
25	VFTZZPESD025	VFTZZPEND025	VFTZZPEPD025	VFTZZPVSD025	VFTZZPVND025	VFTZZPVPD025
40	VFTZZPESD040	VFTZZPEND040	VFTZZPEPD040	VFTZZPVSD040	VFTZZPVND040	VFTZZPVPD040
50	VFTZZPESD050	VFTZZPEND050	VFTZZPEPD050	VFTZZPVSD050	VFTZZPVND050	VFTZZPVPD050
80	VFTZZPESD080	VFTZZPEND080	VFTZZPEPD080	VFTZZPVSD080	VFTZZPVND080	VFTZZPVPD080
100	VFTZZPESD100	VFTZZPEND100	VFTZZPEPD100	VFTZZPVSD100	VFTZZPVND100	VFTZZPVPD100

Body:	PP	PP	PP	PP	PP	PP
Ball:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seal:	EPDM	EPDM	EPDM	FKM	FKM	FKM
Connection:	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT
DN (mm)						
15	VFTZZPESD01500L	VFTZZPEND01500L	VFTZZPEPD01500L	VFTZZPVSD01500L	VFTZZPVND01500L	VFTZZPVPD01500L
20	VFTZZPESD02000L	VFTZZPEND02000L	VFTZZPEPD02000L	VFTZZPVSD02000L	VFTZZPVND02000L	VFTZZPVPD02000L
25	VFTZZPESD02500L	VFTZZPEND02500L	VFTZZPEPD02500L	VFTZZPVSD02500L	VFTZZPVND02500L	VFTZZPVPD02500L
40	VFTZZPESD04000L	VFTZZPEND04000L	VFTZZPEPD04000L	VFTZZPVSD04000L	VFTZZPVND04000L	VFTZZPVPD04000L
50	VFTZZPESD05000L	VFTZZPEND05000L	VFTZZPEPD05000L	VFTZZPVSD05000L	VFTZZPVND05000L	VFTZZPVPD05000L
80	VFTZZPESD08000L	VFTZZPEND08000L	VFTZZPEPD08000L	VFTZZPVSD08000L	VFTZZPVND08000L	VFTZZPVPD08000L
100	VFTZZPESD10000L	VFTZZPEND10000L	VFTZZPEPD10000L	VFTZZPVSD10000L	VFTZZPVND10000L	VFTZZPVPD10000L

Body:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Ball:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seal:	EPDM	EPDM	FKM	FKM	FKM-F	FKM-F	FKM-C	FKM-C
Connection:	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED
DN (mm)								
15	VFTZZFESD015	VFTZZFEND015	VFTZZFVSD015	VFTZZFVND015	VFTZZFFSD015	VFTZZFFND015	VFTZZFCSD015	VFTZZFCND015
20	VFTZZFESD020	VFTZZFEND020	VFTZZFVSD020	VFTZZFVND020	VFTZZFFSD020	VFTZZFFND020	VFTZZFCSD020	VFTZZFCND020
25	VFTZZFESD025	VFTZZFEND025	VFTZZFVSD025	VFTZZFVND025	VFTZZFFSD025	VFTZZFFND025	VFTZZFCSD025	VFTZZFCND025
40	VFTZZFESD040	VFTZZFEND040	VFTZZFVSD040	VFTZZFVND040	VFTZZFFSD040	VFTZZFFND040	VFTZZFCSD040	VFTZZFCND040
50	VFTZZFESD050	VFTZZFEND050	VFTZZFVSD050	VFTZZFVND050	VFTZZFFSD050	VFTZZFFND050	VFTZZFCSD050	VFTZZFCND050
80	VFTZZFESD080	VFTZZFEND080	VFTZZFVSD080	VFTZZFVND080	VFTZZFFSD080	VFTZZFFND080	VFTZZFCSD080	VFTZZFCND080
100	VFTZZFESD100	VFTZZFEND100	VFTZZFVSD100	VFTZZFVND100	VFTZZFFSD100	VFTZZFFND100	VFTZZFCSD100	VFTZZFCND100

Other valves

Sight Gauge Valve



Body:	PVC-U	PVC-U	PVC-U	PP	PP	PP
Seal:	EPDM	FKM	PTFE	EPDM	FKM	PTFE
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)						
20[1]	VGEMHUEFD020	VGEMHUVFD020	VGEMHUTFD020	VGEMHPEFD020	VGEMHPVFD020	VGEMHPTFD020
25[2]	VGEMHUEFD025	VGEMHUVFD025	VGEMHUTFD025	VGEMHPEFD025	VGEMHPVFD025	VGEMHPTFD025

[1] : Requires 18mm OD gauge pipe.
[2] : Requires 26mm OD gauge pipe.

Constant Flow Valve

Model:
- High accurancy flow maintenance (m3/Hr)
- Large rangeability (MIN.-MAX. flow)
- Metal spring fully coated with fluororesin

Option:
- Lubricant free (for wetted parts)

Body:	PVC-U	PVC-C
Seal:	EPDM[1]	EPDM[1]
Connection:	FLANGED	FLANGED
DN (mm)		
15	VCF*TUEFD015	-
20	VCF*TUEFD020	-
25	VCF*TUEFD025	VCF*TCEFFD25
50	VCF*TUEFD050	VCF*TCEFFD50
80	VCF*TUEFD080	-
100	VCF*TUEFD100	-

[1] : FKM sealing available (no bubble tight shut off).

Needle Valve

Model:

- Highy accurancy flow control (m3/Hr)
- Long lasting flow maintenance
- Removable cap for easy maintenance
- Full molded body with flanges

Option:

- Lubricant free (for wetted parts)

Body:	PVC-U	PVC-U
Seal:	EPDM	FKM
Connection:	FLANGED	FLANGED
DN (mm)		
15	VNDMHUEFD015	VNDMHUVFD015
20	VNDMHUEFD020	VNDMHUVFD020
25	VNDMHUEFD025	VNDMHUVFD025

Gaskets

- PN16 (DN15-150); PN 10 (DN 200-400)
- Full face
- PTFE coating for high chemical resistance
- PVDF against chlorine gas to prevent gas permeation
- Long lasting thanks to unique material mix
- Standards: DIN (European), ANSI, JIS

Seal:	EPDM	PTFE coated EPDM	PVDF	CSM	NBR	FKM	FKM-F	FKM-C
DN (mm)								
15	GAED015	GATD015	GAFD015	GAHD015	GAAD015	GAVD015	GA1D015	GA2D015
20	GAED020	GATD020	GAFD020	GAHD020	GAAD020	GAVD020	GA1D020	GA2D020
25	GAED025	GATD025	GAFD025	GAHD025	GAAD025	GAVD025	GA1D025	GA2D025
32	GAED030	GATD030	GAFD030	GAHD030	GAAD030	GAVD030	GA1D030	GA2D030
40	GAED040	GATD040	GAFD040	GAHD040	GAAD040	GAVD040	GA1D040	GA2D040
50	GAED050	GATD050	GAFD050	GAHD050	GAAD050	GAVD050	GA1D050	GA2D050
65	GAED065	GATD065	GAFD065	GAHD065	GAAD065	GAVD065	GA1D065	GA2D065
80	GAED080	GATD080	GAFD080	GAHD080	GAAD080	GAVD080	GA1D080	GA2D080
100	GAED100	GATD100	GAFD100	GAHD100	GAAD100	GAVD100	GA1D100	GA2D100
125	GAED125	GATD125	GAFD125	GAHD125	GAAD125	GAVD125	GA1D125	GA2D125
150	GAED150	GATD150	GAFD150	GAHD150	GAAD150	GAVD150	GA1D150	GA2D150
200	GAED200	GATD200	GAFD200	GAHD200	GAAD200	GAVD200	GA1D200	GA2D200
250	GAED250	GATD250	GAFD250	GAHD250	GAAD250	GAVD250	-	-
300	GAED300	GATD300	GAFD300	GAHD300	GAAD300	GAVD300	-	-
350	GAED350	GATD350	-	GAHD350	GAAD350	GAVD350	-	-
400	-	GATD400	-	-	-	-	-	-

Strainers

Sediment Strainer Type Y

Model:
- Mesh 20
- Transparent PVC Body
- Socket, threaded, flange connections
- Standard: DIN (European)

Option:
- Mesh 30, 40, 60 on request
- Lubricant free
- Other standards: ANSI, JIS

Body:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U
Seal:	EPDM	EPDM	EPDM	FKM	FKM	FKM
Connection:	SOCKET	THREADED	FLANGED	SOCKET	THREADED	FLANGED
DN (mm)						
15	VYS2UUESD015	VYS2UUEND015	VYS2UUEFD015	VYS2UUVSD015	VYS2UUVND015	VYS2UUVFD015
20	VYS2UUESD020	VYS2UUEND020	VYS2UUEFD020	VYS2UUVSD020	VYS2UUVND020	VYS2UUVFD020
25	VYS2UUESD025	VYS2UUEND025	VYS2UUEFD025	VYS2UUVSD025	VYS2UUVND025	VYS2UUVFD025
32	VYS2UUESD032	VYS2UUEND032	VYS2UUEFD032	VYS2UUVSD032	VYS2UUVND032	VYS2UUVFD032
40	VYS2UUESD040	VYS2UUEND040	VYS2UUEFD040	VYS2UUVSD040	VYS2UUVND040	VYS2UUVFD040
50	VYS2UUESD050	VYS2UUEND050	VYS2UUEFD050	VYS2UUVSD050	VYS2UUVND050	VYS2UUVFD050
65	VYS2UUESD065	VYS2UUEND065	VYS2UUEFD065	VYS2UUVSD065	VYS2UUVND065	VYS2UUVFD065
80	VYS2UUESD080	VYS2UUEND080	VYS2UUEFD080	VYS2UUVSD080	VYS2UUVND080	VYS2UUVFD080
100	VYS2UUESD100	VYS2UUEND100	VYS2UUEFD100	VYS2UUVSD100	VYS2UUVND100	VYS2UUVFD100

Pneumatic actuated diaphragm valves

Diaphragm Valve Type 14 (flanges) DN 15-50 - Pneumatic actuated Type AN

Model:
- Lightweight plastic actuator
- PN 10 or 7 bars
- DA, AO or AC
- Position indicator
- Stopper for fully closed position
- NAMUR air connection
- One piece molded valve body with flanges
- Fastening system
- Standard: DIN (European)

Option:
- Lubricant free
- Other standards: ANSI, JIS
- ANSI flanges in G or A standards
- Gas barrier in PVDF
- Fasteners (bolts, nuts & washers) in SS 316L
- EL-PVDF / EL-PTFE model
- See accessories

DA - Double Acting (PN 10)

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF	PVDF
Seal:	EPDM	PTFE[1]	EPDM	PTFE[1]	EPDM	PTFE[1]	EPDM	PTFE[1]	PTFE[1]
Option:									GB[2]
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)									
15	A14NFUEFD015	A14NFUTFD015	A14NFCEFD015	A14NFCTFD015	A14NFPEFD015	A14NFPTFD015	A14NFFEFD015	A14NFFTFD015	A14NFF0FD015
20	A14NFUEFD020	A14NFUTFD020	A14NFCEFD020	A14NFCTFD020	A14NFPEFD020	A14NFPTFD020	A14NFFEFD020	A14NFFTFD020	A14NFF0FD020
25	A14NFUEFD025	A14NFUTFD025	A14NFCEFD025	A14NFCTFD025	A14NFPEFD025	A14NFPTFD025	A14NFFEFD025	A14NFFTFD025	A14NFF0FD025
32	A14NFUEFD032	A14NFUTFD032	A14NFCEFD032	A14NFCTFD032	A14NFPEFD032	A14NFPTFD032	A14NFFEFD032	A14NFFTFD032	A14NFF0FD032
40	A14NFUEFD040	A14NFUTFD040	A14NFCEFD040	A14NFCTFD040	A14NFPEFD040	A14NFPTFD040	A14NFFEFD040	A14NFFTFD040	A14NFF0FD040
50	A14NFUEFD050	A14NFUTFD050	A14NFCEFD050	A14NFCTFD050	A14NFPEFD050	A14NFPTFD050	A14NFFEFD050	A14NFFTFD050	A14NFF0FD050

[1] : PTFE diaphragm with EPDM cushion.
[2] : Gas Barrier (cushion cover made of PVDF).

AO - Air to Open (Spring to close / Fail safe close) (PN 10 / PN7[3])

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF	PVDF
Seal:	EPDM	PTFE[1]	EPDM	PTFE[1]	EPDM	PTFE[1]	EPDM	PTFE[1]	PTFE[1]
Option:									GB[2]
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)									
15	A14NGUEFD015	A14NGUTFD015	A14NGCEFD015	A14NGCTFD015	A14NGPEFD015	A14NGPTFD015	A14NGFEFD015	A14NGFTFD015	A14NGF0FD015
20	A14NGUEFD020	A14NGUTFD020	A14NGCEFD020	A14NGCTFD020	A14NGPEFD020	A14NGPTFD020	A14NGFEFD020	A14NGFTFD020	A14NGF0FD020
25	A14NGUEFD025	A14NGUTFD025	A14NGCEFD025	A14NGCTFD025	A14NGPEFD025	A14NGPTFD025	A14NGFEFD025	A14NGFTFD025	A14NGF0FD025
32	A14NGUEFD032	A14NGUTFD032	A14NGCEFD032	A14NGCTFD032	A14NGPEFD032	A14NGPTFD032	A14NGFEFD032	A14NGFTFD032	A14NGF0FD032
40	A14NGUEFD040	A14NGUTFD040	A14NGCEFD040	A14NGCTFD040	A14NGPEFD040	A14NGPTFD040	A14NGFEFD040	A14NGFTFD040	A14NGF0FD040
50	A14NGUEFD050	A14NGUTFD050	A14NGCEFD050	A14NGCTFD050	A14NGPEFD050	A14NGPTFD050	A14NGFEFD050	A14NGFTFD050	A14NGF0FD050

(1) : PTFE diaphragm with EPDM cushion.
(2) : Gas Barrier (cushion cover made of PVDF).
(3) : PN7 bar for DN50

AC - Air to Close (Spring to open / Fail safe open) (PN 10)

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF	PVDF
Seal:	EPDM	PTFE[1]	EPDM	PTFE[1]	EPDM	PTFE[1]	EPDM	PTFE[1]	PTFE[1]
Option:									GB[2]
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)									
15	A14NSUEFD015	A14NSUTFD015	A14NSCEFD015	A14NSCTFD015	A14NSPEFD015	A14NSPTFD015	A14NSFEFD015	A14NSFTFD015	A14NSF0FD015
20	A14NSUEFD020	A14NSUTFD020	A14NSCEFD020	A14NSCTFD020	A14NSPEFD020	A14NSPTFD020	A14NSFEFD020	A14NSFTFD020	A14NSF0FD020
25	A14NSUEFD025	A14NSUTFD025	A14NSCEFD025	A14NSCTFD025	A14NSPEFD025	A14NSPTFD025	A14NSFEFD025	A14NSFTFD025	A14NSF0FD025
32	A14NSUEFD032	A14NSUTFD032	A14NSCEFD032	A14NSCTFD032	A14NSPEFD032	A14NSPTFD032	A14NSFEFD032	A14NSFTFD032	A14NSF0FD032
40	A14NSUEFD040	A14NSUTFD040	A14NSCEFD040	A14NSCTFD040	A14NSPEFD040	A14NSPTFD040	A14NSFEFD040	A14NSFTFD040	A14NSF0FD040
50	A14NSUEFD050	A14NSUTFD050	A14NSCEFD050	A14NSCTFD050	A14NSPEFD050	A14NSPTFD050	A14NSFEFD050	A14NSFTFD050	A14NSF0FD050

(1) : PTFE diaphragm with EPDM cushion.
(2) : Gas Barrier (cushion cover made of PVDF).

Diaphragm Valve Type 14 (flanges) DN 65-100 - Plastic pneumatic actuated Type AP

Model:
- Lightweight plastic actuator
- PN 10 or 6 bars
- DA, AO or AC
- Position indicator
- Stopper for fully closed position
- NAMUR air connection
- One piece molded valve body with flanges
- Fastening system
- Standard: DIN (European)

Option:
- Lubricant free
- Other standards: ANSI, JIS
- ANSI flanges in G or A standards
- Gas barrier in PVDF
- Fasteners (bolts, nuts & washers) in SS 316L
- EL-PVDF / EL-PTFE model
- See accessories

DA - Double Acting (PN 10)

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF	PVDF
Seal:	EPDM	PTFE[1]	EPDM	PTFE[1]	EPDM	PTFE[1]	EPDM	PTFE[1]	PTFE[1]
Option:									GB[2]
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)									
65	A14PFUEFD065	A14PFUTFD065	A14PFCEFD065	A14PFCTFD065	A14PFPEFD065	A14PFPTFD065	A14PFFEFD065	A14PFFTFD065	A14PFF0FD065
80	A14PFUEFD080	A14PFUTFD080	A14PFCEFD080	A14PFCTFD080	A14PFPEFD080	A14PFPTFD080	A14PFFEFD080	A14PFFTFD080	A14PFF0FD080
100	A14PFUEFD100	A14PFUTFD100	A14PFCEFD100	A14PFCTFD100	A14PFPEFD100	A14PFPTFD100	A14PFFEFD100	A14PFFTFD100	A14PFF0FD100

(1) : PTFE diaphragm with EPDM cushion.
(2) : Gas Barrier (cushion cover made of PVDF).

AO - Air to Open (Spring to close / Fail safe close) (PN 10)

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF	PVDF
Seal:	EPDM	PTFE[1]	EPDM	PTFE[1]	EPDM	PTFE[1]	EPDM	PTFE[1]	PTFE[1]
Option:									GB[2]
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)									
65	A14PHUEFD065	A14PHUTFD065	A14PHCEFD065	A14PHCTFD065	A14PHPEFD065	A14PHPTFD065	A14PHFEFD065	A14PHFTFD065	A14PHF0FD065
80	A14PHUEFD080	A14PHUTFD080	A14PHCEFD080	A14PHCTFD080	A14PHPEFD080	A14PHPTFD080	A14PHFEFD080	A14PHFTFD080	A14PHF0FD080
100	A14PHUEFD100	A14PHUTFD100	A14PHCEFD100	A14PHCTFD100	A14PHPEFD100	A14PHPTFD100	A14PHFEFD100	A14PHFTFD100	A14PHF0FD100

[1] : PTFE diaphragm with EPDM cushion.
[2] : Gas Barrier (cushion cover made of PVDF).

AO - Air to Open (Spring to close / Fail safe close) (PN 6)

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF	PVDF
Seal:	EPDM	PTFE[1]	EPDM	PTFE[1]	EPDM	PTFE[1]	EPDM	PTFE[1]	PTFE[1]
Option:									GB[2]
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)									
65	A14PGUEFD065	A14PGUTFD065	A14PGCEFD065	A14PGCTFD065	A14PGPEFD065	A14PGPTFD065	A14PGFEFD065	A14PGFTFD065	A14PGF0FD065
80	A14PGUEFD080	A14PGUTFD080	A14PGCEFD080	A14PGCTFD080	A14PGPEFD080	A14PGPTFD080	A14PGFEFD080	A14PGFTFD080	A14PGF0FD080
100	A14PGUEFD100	A14PGUTFD100	A14PGCEFD100	A14PGCTFD100	A14PGPEFD100	A14PGPTFD100	A14PGFEFD100	A14PGFTFD100	A14PGF0FD100

[1] : PTFE diaphragm with EPDM cushion.
[2] : Gas Barrier (cushion cover made of PVDF).

AC - Air to Close (Spring to open / Fail safe open) (PN 10)

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF	PVDF
Seal:	EPDM	PTFE[1]	EPDM	PTFE[1]	EPDM	PTFE[1]	EPDM	PTFE[1]	PTFE[1]
Option:									GB[2]
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)									
65	A14PSUEFD065	A14PSUTFD065	A14PSCEFD065	A14PSCTFD065	A14PSPEFD065	A14PSPTFD065	A14PSFEFD065	A14PSFTFD065	A14PSF0FD065
80	A14PSUEFD080	A14PSUTFD080	A14PSCEFD080	A14PSCTFD080	A14PSPEFD080	A14PSPTFD080	A14PSFEFD080	A14PSFTFD080	A14PSF0FD080
100	A14PSUEFD100	A14PSUTFD100	A14PSCEFD100	A14PSCTFD100	A14PSPEFD100	A14PSPTFD100	A14PSFEFD100	A14PSFTFD100	A14PSF0FD100

[1] : PTFE diaphragm with EPDM cushion.
[2] : Gas Barrier (cushion cover made of PVDF).

Diaphragm Valve Type 14 (flanges) DN 65-100 - Aluminum pneumatic actuated Type AV

Model:
- Lightweight aluminum actuator
- PN 10 bars
- DA, AO or AC
- Position indicator
- Stopper for fully closed position
- NAMUR air connection
- One piece molded valve body with flanges
- Fastening system
- Mounting stand for DN80 and DN100
- Standard: DIN (European)

Option:
- Lubricant free
- Other standards: ANSI, JIS
- ANSI flanges in G or A standards
- Gas barrier in PVDF
- EL-PVDF / EL-PTFE model
- See accessories

DA - Double Acting (PN 10)

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF	PVDF
Seal:	EPDM	PTFE[1]	EPDM	PTFE[1]	EPDM	PTFE[1]	EPDM	PTFE[1]	PTFE[1]
Option:									GB[2]
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)									
65	A14VFUEFD065	A14VFUTFD065	A14VFCEFD065	A14VFCTFD065	A14VFPEFD065	A14VFPTFD065	A14PFFEFD065	A14PFFTFD065	A14VFF0FD065
80	A14VFUEFD080	A14VFUTFD080	A14VFCEFD080	A14VFCTFD080	A14VFPEFD080	A14VFPTFD080	A14PFFEFD080	A14PFFTFD080	A14VFF0FD080
100	A14VFUEFD100	A14VFUTFD100	A14VFCEFD100	A14VFCTFD100	A14VFPEFD100	A14VFPTFD100	A14PFFEFD100	A14PFFTFD100	A14VFF0FD100

[1] : PTFE diaphragm with EPDM cushion.
[2] : Gas Barrier (cushion cover made of PVDF).

AO - Air to Open (Spring to close / Fail safe close) (PN 10)

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF	PVDF
Seal:	EPDM	PTFE[1]	EPDM	PTFE[1]	EPDM	PTFE[1]	EPDM	PTFE[1]	PTFE[1]
Option:									GB[2]
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)									
65	A14VGUEFD065	A14VGUTFD065	A14VGCEFD065	A14VGCTFD065	A14VGPEFD065	A14VGPTFD065	A14VGFEFD065	A14VGFTFD065	A14VGF0FD065
80	A14VGUEFD080	A14VGUTFD080	A14VGCEFD080	A14VGCTFD080	A14VGPEFD080	A14VGPTFD080	A14VGFEFD080	A14VGFTFD080	A14VGF0FD080
100	A14VGUEFD100	A14VGUTFD100	A14VGCEFD100	A14VGCTFD100	A14VGPEFD100	A14VGPTFD100	A14VGFEFD100	A14VGFTFD100	A14VGF0FD100

[1] : PTFE diaphragm with EPDM cushion.
[2] : Gas Barrier (cushion cover made of PVDF).

AC - Air to Close (Spring to open / Fail safe open) (PN 10)

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF	PVDF
Seal:	EPDM	PTFE[1]	EPDM	PTFE[1]	EPDM	PTFE[1]	EPDM	PTFE[1]	PTFE[1]
Option:									GB[2]
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)									
65	A14VSUEFD065	A14VSUTFD065	A14VSCEFD065	A14VSCTFD065	A14VSPEFD065	A14VSPTFD065	A14VSFEFD065	A14VSFTFD065	A14VSF0FD065
80	A14VSUEFD080	A14VSUTFD080	A14VSCEFD080	A14VSCTFD080	A14VSPEFD080	A14VSPTFD080	A14VSFEFD080	A14VSFTFD080	A14VSF0FD080
100	A14VSUEFD100	A14VSUTFD100	A14VSCEFD100	A14VSCTFD100	A14VSPEFD100	A14VSPTFD100	A14VSFEFD100	A14VSFTFD100	A14VSF0FD100

[1] : PTFE diaphragm with EPDM cushion.
[2] : Gas Barrier (cushion cover made of PVDF).

Diaphragm Valve Type 15 & 72 (DN 125-250), (flanges) - Aluminum Pneu. act. Type AV

Model:

- Lightweight aluminum actuator
- PN 5-1 bars (see technical datasheet)
- DA, AO or AC
- Position indicator
- Stopper for fully closed position
- NAMUR air connection
- One piece molded valve body with flanges
- Fastening system
- Standard: DIN (European)

Option:

- Lubricant free
- Gas barrier in PVDF
- EL-PVDF / EL-PTFE model
- Other standards: ANSI, JIS
- See accessories

DA - Double Acting (PN 10)

Body:	PVC-U	PVC-U	PP	PP	PVDF
Seal:	EPDM	PTFE[1]	EPDM	PTFE[1]	PTFE[1]
Option:					GB[2]
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)					
125	A15VFUEFD125	A15VFUTFD125	A15VFPEFD125	A15VFPTFD125	A15VFF0FD125
150	A15VFUEFD150	A15VFUTFD150	A15VFPEFD150	A15VFPTFD150	A15VFF0FD150
200	A72VFUEFD200	A72VFUTFD200	A72VFPEFD200	A72VFPTFD200	A72VFF0FD200
250	A72VFUEFD250	A72VFUTFD250	A72VFPEFD250	A72VFPTFD250	A72VFF0FD250

[1] : PTFE diaphragm with EPDM cushion.
[2] : Gas Barrier (cushion cover made of PVDF).

AO - Air to Open (Spring to close / Fail safe close) (PN 10)

Body:	PVC-U	PVC-U	PP	PP	PVDF
Seal:	EPDM	PTFE[1]	EPDM	PTFE[1]	PTFE[1]
Option:					GB[2]
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)					
125	A15VGUEFD125	A15VGUTFD125	A15VGPEFD125	A15VGPTFD125	A15VGF0FD125
150	A15VGUEFD150	A15VGUTFD150	A15VGPEFD150	A15VGPTFD150	A15VGF0FD150

[1] : PTFE diaphragm with EPDM cushion.
[2] : Gas Barrier (cushion cover made of PVDF).

AC - Air to Close (Spring to open / Fail safe open) (PN 10)

Body:	PVC-U	PVC-U	PP	PP	PVDF
Seal:	EPDM	PTFE[1]	EPDM	PTFE[1]	PTFE[1]
Option:					GB[2]
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)					
125	A15VSUEFD125	A15VSUTFD125	A15VSPEFD125	A15VSPTFD125	A15VSF0FD125
150	A15VSUEFD150	A15VSUTFD150	A15VSPEFD150	A15VSPTFD150	A15VSF0FD150

[1] : PTFE diaphragm with EPDM cushion.
[2] : Gas Barrier (cushion cover made of PVDF).

Diaphragm Valve Type 14 (true unions) DN 15-50 - Pneumatic actuated Type AN

Model:
- Lightweight plastic actuator
- PN 10 or 7 bars
- DA, AC or AO
- Position indicator
- Stopper for fully closed position
- NAMUR air connection
- Fastening system
- Standard: DIN (European)

Option:
- Lubricant free
- Gas barrier in PVDF
- Fasteners (bolts, nuts & washers) in SS 316L
- Other standards: ANSI, JIS
- See accessories

DA - Double Acting (PN 10)

Body:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-C	PVC-C	PVC-C	PVC-C
Seal:	EPDM	EPDM	PTFE[1]	PTFE[1]	EPDM	EPDM	PTFE[1]	PTFE[1]
O-ring[4]:	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM
Connection:	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED
DN (mm)								
15	AT1NFUESD015	AT1NFUEND015	AT1NFU1SD015	AT1NFU1ND015	AT1NFCESD015	AT1NFCEND015	AT1NFC1SD015	AT1NFC1ND015
20	AT1NFUESD020	AT1NFUEND020	AT1NFU1SD020	AT1NFU1ND020	AT1NFCESD020	AT1NFCEND020	AT1NFC1SD020	AT1NFC1ND020
25	AT1NFUESD025	AT1NFUEND025	AT1NFU1SD025	AT1NFU1ND025	AT1NFCESD025	AT1NFCEND025	AT1NFC1SD025	AT1NFC1ND025
32	AT1NFUESD032	AT1NFUEND032	AT1NFU1SD032	AT1NFU1ND032	AT1NFCESD032	AT1NFCEND032	AT1NFC1SD032	AT1NFC1ND032
40	AT1NFUESD040	AT1NFUEND040	AT1NFU1SD040	AT1NFU1ND040	AT1NFCESD040	AT1NFCEND040	AT1NFC1SD040	AT1NFC1ND040
50	AT1NFUESD050	AT1NFUEND050	AT1NFU1SD050	AT1NFU1ND050	AT1NFCESD050	AT1NFCEND050	AT1NFC1SD050	AT1NFC1ND050

[1] : PTFE diaphragm with EPDM cushion.
[4] : True union O-rings.

Body:	PP	PP	PP	PP	PP	PP
Seal:	EPDM	EPDM	EPDM	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[4]:	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM
Connection:	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT
DN (mm)						
15	AT1NFPESD015	AT1NFPEND015	AT1NFPEPD015	AT1NFP1SD015	AT1NFP1ND015	AT1NFP1PD015
20	AT1NFPESD020	AT1NFPEND020	AT1NFPEPD020	AT1NFP1SD020	AT1NFP1ND020	AT1NFP1PD020
25	AT1NFPESD025	AT1NFPEND025	AT1NFPEPD025	AT1NFP1SD025	AT1NFP1ND025	AT1NFP1PD025
32	AT1NFPESD032	AT1NFPEND032	AT1NFPEPD032	AT1NFP1SD032	AT1NFP1ND032	AT1NFP1PD032
40	AT1NFPESD040	AT1NFPEND040	AT1NFPEPD040	AT1NFP1SD040	AT1NFP1ND040	AT1NFP1PD040
50	AT1NFPESD050	AT1NFPEND050	AT1NFPEPD050	AT1NFP1SD050	AT1NFP1ND050	AT1NFP1PD050

[1] : PTFE diaphragm with EPDM cushion.
[4] : True union O-rings.

Body:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seal:	EPDM	EPDM	EPDM	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[4]:	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM
Connection:	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT
DN (mm)						
15	AT1NFFESD015	AT1NFFEND015	AT1NFFEPD015	AT1NFF1SD015	AT1NFF1ND015	AT1NFF1PD015
20	AT1NFFESD020	AT1NFFEND020	AT1NFFEPD020	AT1NFF1SD020	AT1NFF1ND020	AT1NFF1PD020
25	AT1NFFESD025	AT1NFFEND025	AT1NFFEPD025	AT1NFF1SD025	AT1NFF1ND025	AT1NFF1PD025
32	AT1NFFESD032	AT1NFFEND032	AT1NFFEPD032	AT1NFF1SD032	AT1NFF1ND032	AT1NFF1PD032
40	AT1NFFESD040	AT1NFFEND040	AT1NFFEPD040	AT1NFF1SD040	AT1NFF1ND040	AT1NFF1PD040
50	AT1NFFESD050	AT1NFFEND050	AT1NFFEPD050	AT1NFF1SD050	AT1NFF1ND050	AT1NFF1PD050

[1] : PTFE diaphragm with EPDM cushion.
[4] : True union O-rings.

Body:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seal:	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[4]:	FKM	FKM	FKM	FKM-F	FKM-F	FKM-F
Connection:	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT
DN (mm)						
15	AT1NFF2SD015	AT1NFF2ND015	AT1NFF2PD015	AT1NFF3SD015	AT1NFF3ND015	AT1NFF3PD015
20	AT1NFF2SD020	AT1NFF2ND020	AT1NFF2PD020	AT1NFF3SD020	AT1NFF3ND020	AT1NFF3PD020
25	AT1NFF2SD025	AT1NFF2ND025	AT1NFF2PD025	AT1NFF3SD025	AT1NFF3ND025	AT1NFF3PD025
32	AT1NFF2SD032	AT1NFF2ND032	AT1NFF2PD032	AT1NFF3SD032	AT1NFF3ND032	AT1NFF3PD032
40	AT1NFF2SD040	AT1NFF2ND040	AT1NFF2PD040	AT1NFF3SD040	AT1NFF3ND040	AT1NFF3PD040
50	AT1NFF2SD050	AT1NFF2ND050	AT1NFF2PD050	AT1NFF3SD050	AT1NFF3ND050	AT1NFF3PD050

[1] : PTFE diaphragm with EPDM cushion.
[4] : True union O-rings.

AO - Air To Open (Spring to close / Fail safe close) (PN 10[3])

Body:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-C	PVC-C	PVC-C	PVC-C
Seal:	EPDM	EPDM	PTFE[1]	PTFE[1]	EPDM	EPDM	PTFE[1]	PTFE[1]
O-ring[4]:	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM
Connection:	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED
DN (mm)								
15	AT1NGUESD015	AT1NGUEND015	AT1NGU1SD015	AT1NGU1ND015	AT1NGCESD015	AT1NGCEND015	AT1NGC1SD015	AT1NGC1ND015
20	AT1NGUESD020	AT1NGUEND020	AT1NGU1SD020	AT1NGU1ND020	AT1NGCESD020	AT1NGCEND020	AT1NGC1SD020	AT1NGC1ND020
25	AT1NGUESD025	AT1NGUEND025	AT1NGU1SD025	AT1NGU1ND025	AT1NGCESD025	AT1NGCEND025	AT1NGC1SD025	AT1NGC1ND025
32	AT1NGUESD032	AT1NGUEND032	AT1NGU1SD032	AT1NGU1ND032	AT1NGCESD032	AT1NGCEND032	AT1NGC1SD032	AT1NGC1ND032
40	AT1NGUESD040	AT1NGUEND040	AT1NGU1SD040	AT1NGU1ND040	AT1NGCESD040	AT1NGCEND040	AT1NGC1SD040	AT1NGC1ND040
50	AT1NGUESD050	AT1NGUEND050	AT1NGU1SD050	AT1NGU1ND050	AT1NGCESD050	AT1NGCEND050	AT1NGC1SD050	AT1NGC1ND050

[1] : PTFE diaphragm with EPDM cushion.
[3] : PN7 bar for DN50
[4] : True union O-rings.

Body:	PP	PP	PP	PP	PP	PP
Seal:	EPDM	EPDM	EPDM	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[4]:	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM
Connection:	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT
DN (mm)						
15	AT1NGPESD015	AT1NGPEND015	AT1NGPEPD015	AT1NGP1SD015	AT1NGP1ND015	AT1NGP1PD015
20	AT1NGPESD020	AT1NGPEND020	AT1NGPEPD020	AT1NGP1SD020	AT1NGP1ND020	AT1NGP1PD020
25	AT1NGPESD025	AT1NGPEND025	AT1NGPEPD025	AT1NGP1SD025	AT1NGP1ND025	AT1NGP1PD025
32	AT1NGPESD032	AT1NGPEND032	AT1NGPEPD032	AT1NGP1SD032	AT1NGP1ND032	AT1NGP1PD032
40	AT1NGPESD040	AT1NGPEND040	AT1NGPEPD040	AT1NGP1SD040	AT1NGP1ND040	AT1NGP1PD040
50	AT1NGPESD050	AT1NGPEND050	AT1NGPEPD050	AT1NGP1SD050	AT1NGP1ND050	AT1NGP1PD050

[1] : PTFE diaphragm with EPDM cushion.
[3] : PN7 bar for DN50
[4] : True union O-rings.

Body:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seal:	EPDM	EPDM	EPDM	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[4]:	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM
Connection:	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT
DN (mm)						
15	AT1NGFESD015	AT1NGFEND015	AT1NGFEPD015	AT1NGF1SD015	AT1NGF1ND015	AT1NGF1PD015
20	AT1NGFESD020	AT1NGFEND020	AT1NGFEPD020	AT1NGF1SD020	AT1NGF1ND020	AT1NGF1PD020
25	AT1NGFESD025	AT1NGFEND025	AT1NGFEPD025	AT1NGF1SD025	AT1NGF1ND025	AT1NGF1PD025
32	AT1NGFESD032	AT1NGFEND032	AT1NGFEPD032	AT1NGF1SD032	AT1NGF1ND032	AT1NGF1PD032
40	AT1NGFESD040	AT1NGFEND040	AT1NGFEPD040	AT1NGF1SD040	AT1NGF1ND040	AT1NGF1PD040
50	AT1NGFESD050	AT1NGFEND050	AT1NGFEPD050	AT1NGF1SD050	AT1NGF1ND050	AT1NGF1PD050

[1] : PTFE diaphragm with EPDM cushion.
[3] : PN7 bar for DN50
[4] : True union O-rings.

Body:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seal:	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[4]:	FKM	FKM	FKM	FKM-F	FKM-F	FKM-F
Connection:	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT
DN (mm)						
15	AT1NGF2SD015	AT1NGF2ND015	AT1NGF2PD015	AT1NGF3SD015	AT1NGF3ND015	AT1NGF3PD015
20	AT1NGF2SD020	AT1NGF2ND020	AT1NGF2PD020	AT1NGF3SD020	AT1NGF3ND020	AT1NGF3PD020
25	AT1NGF2SD025	AT1NGF2ND025	AT1NGF2PD025	AT1NGF3SD025	AT1NGF3ND025	AT1NGF3PD025
32	AT1NGF2SD032	AT1NGF2ND032	AT1NGF2PD032	AT1NGF3SD032	AT1NGF3ND032	AT1NGF3PD032
40	AT1NGF2SD040	AT1NGF2ND040	AT1NGF2PD040	AT1NGF3SD040	AT1NGF3ND040	AT1NGF3PD040
50[3]	AT1NGF2SD050	AT1NGF2ND050	AT1NGF2PD050	AT1NGF3SD050	AT1NGF3ND050	AT1NGF3PD050

[1] : PTFE diaphragm with EPDM cushion.
[3] : PN7 bar for DN50
[4] : True union O-rings.

AC - Air to Close (Spring to open / Fail safe open) (PN 10)

Body:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-C	PVC-C	PVC-C	PVC-C
Seal:	EPDM	EPDM	PTFE[1]	PTFE[1]	EPDM	EPDM	PTFE[1]	PTFE[1]
O-ring[4]:	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM
Connection:	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED
DN (mm)								
15	AT1NGUESD015	AT1NGUEND015	AT1NGU1SD015	AT1NGU1ND015	AT1NGCESD015	AT1NGCEND015	AT1NGC1SD015	AT1NGC1ND015
20	AT1NGUESD020	AT1NGUEND020	AT1NGU1SD020	AT1NGU1ND020	AT1NGCESD020	AT1NGCEND020	AT1NGC1SD020	AT1NGC1ND020
25	AT1NGUESD025	AT1NGUEND025	AT1NGU1SD025	AT1NGU1ND025	AT1NGCESD025	AT1NGCEND025	AT1NGC1SD025	AT1NGC1ND025
32	AT1NGUESD032	AT1NGUEND032	AT1NGU1SD032	AT1NGU1ND032	AT1NGCESD032	AT1NGCEND032	AT1NGC1SD032	AT1NGC1ND032
40	AT1NGUESD040	AT1NGUEND040	AT1NGU1SD040	AT1NGU1ND040	AT1NGCESD040	AT1NGCEND040	AT1NGC1SD040	AT1NGC1ND040
50	AT1NGUESD050	AT1NGUEND050	AT1NGU1SD050	AT1NGU1ND050	AT1NGCESD050	AT1NGCEND050	AT1NGC1SD050	AT1NGC1ND050

[1] : PTFE diaphragm with EPDM cushion.
[4] : True union O-rings.

Body:	PP	PP	PP	PP	PP	PP
Seal:	EPDM	EPDM	EPDM	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[4]:	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM
Connection:	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT
DN (mm)						
15	AT1NGPESD015	AT1NGPEND015	AT1NGPEPD015	AT1NGP1SD015	AT1NGP1ND015	AT1NGP1PD015
20	AT1NGPESD020	AT1NGPEND020	AT1NGPEPD020	AT1NGP1SD020	AT1NGP1ND020	AT1NGP1PD020
25	AT1NGPESD025	AT1NGPEND025	AT1NGPEPD025	AT1NGP1SD025	AT1NGP1ND025	AT1NGP1PD025
32	AT1NGPESD032	AT1NGPEND032	AT1NGPEPD032	AT1NGP1SD032	AT1NGP1ND032	AT1NGP1PD032
40	AT1NGPESD040	AT1NGPEND040	AT1NGPEPD040	AT1NGP1SD040	AT1NGP1ND040	AT1NGP1PD040
50	AT1NGPESD050	AT1NGPEND050	AT1NGPEPD050	AT1NGP1SD050	AT1NGP1ND050	AT1NGP1PD050

[1] : PTFE diaphragm with EPDM cushion.
[4] : True union O-rings.

Body:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seal:	EPDM	EPDM	EPDM	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[4]:	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM
Connection:	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT
DN (mm)						
15	AT1NGFESD015	AT1NGFEND015	AT1NGFEPD015	AT1NGF1SD015	AT1NGF1ND015	AT1NGF1PD015
20	AT1NGFESD020	AT1NGFEND020	AT1NGFEPD020	AT1NGF1SD020	AT1NGF1ND020	AT1NGF1PD020
25	AT1NGFESD025	AT1NGFEND025	AT1NGFEPD025	AT1NGF1SD025	AT1NGF1ND025	AT1NGF1PD025
32	AT1NGFESD032	AT1NGFEND032	AT1NGFEPD032	AT1NGF1SD032	AT1NGF1ND032	AT1NGF1PD032
40	AT1NGFESD040	AT1NGFEND040	AT1NGFEPD040	AT1NGF1SD040	AT1NGF1ND040	AT1NGF1PD040
50	AT1NGFESD050	AT1NGFEND050	AT1NGFEPD050	AT1NGF1SD050	AT1NGF1ND050	AT1NGF1PD050

Body:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seal:	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[4]:	FKM	FKM	FKM	FKM-F	FKM-F	FKM-F
Connection:	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT
DN (mm)						
15	AT1NGF2SD015	AT1NGF2ND015	AT1NGF2PD015	AT1NGF3SD015	AT1NGF3ND015	AT1NGF3PD015
20	AT1NGF2SD020	AT1NGF2ND020	AT1NGF2PD020	AT1NGF3SD020	AT1NGF3ND020	AT1NGF3PD020
25	AT1NGF2SD025	AT1NGF2ND025	AT1NGF2PD025	AT1NGF3SD025	AT1NGF3ND025	AT1NGF3PD025
32	AT1NGF2SD032	AT1NGF2ND032	AT1NGF2PD032	AT1NGF3SD032	AT1NGF3ND032	AT1NGF3PD032
40	AT1NGF2SD040	AT1NGF2ND040	AT1NGF2PD040	AT1NGF3SD040	AT1NGF3ND040	AT1NGF3PD040
50	AT1NGF2SD050	AT1NGF2ND050	AT1NGF2PD050	AT1NGF3SD050	AT1NGF3ND050	AT1NGF3PD050

[1] : PTFE diaphragm with EPDM cushion.
[4] : True union O-rings.

Compact Pneumatic Actuator Type AI with dedicated diaphragm valve design w. flanges

Model:

- Lightweight plastic actuator
- Compact design (for limitated piping space)
- Long lasting (more than 500.000 cycles)
- PN 10 or 7 bars
- DA, AC or AO
- Position indicator
- Stopper for fully closed position
- NAMUR air connection
- One piece molded valve body with flanges
- Fastening system
- Standard: DIN (European)

Option:

- Lubricant free
- Other standards: ANSI, JIS
- ANSI flanges in G or A standards
- Fasteners (bolts, nuts & washers) in SS 316L
- See accessories

DA - Double Acting (PN 10)

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF
Seal:	EPDM	PTFE[1]	EPDM	PTFE[1]	EPDM	PTFE[1]	EPDM	PTFE[1]
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)								
15	ADAIFPEFD015	ADAIFPTFD015	ADAIFCEFD015	ADAIFCTFD015	ADAIFPEFD015	ADAIFPTFD015	ADAIFFEFD015	ADAIFFTFD015
20	ADAIFPEFD020	ADAIFPTFD020	ADAIFCEFD020	ADAIFCTFD020	ADAIFPEFD020	ADAIFPTFD020	ADAIFFEFD020	ADAIFFTFD020
25	ADAIFPEFD025	ADAIFPTFD025	ADAIFCEFD025	ADAIFCTFD025	ADAIFPEFD025	ADAIFPTFD025	ADAIFFEFD025	ADAIFFTFD025
32	ADAIFPEFD032	ADAIFPTFD032	ADAIFCEFD032	ADAIFCTFD032	ADAIFPEFD032	ADAIFPTFD032	ADAIFFEFD032	ADAIFFTFD032
40	ADAIFPEFD040	ADAIFPTFD040	ADAIFCEFD040	ADAIFCTFD040	ADAIFPEFD040	ADAIFPTFD040	ADAIFFEFD040	ADAIFFTFD040
50	ADAIFPEFD050	ADAIFPTFD050	ADAIFCEFD050	ADAIFCTFD050	ADAIFPEFD050	ADAIFPTFD050	ADAIFFEFD050	ADAIFFTFD050

[1] : PTFE diaphragm with EPDM cushion.

AO - Air to Open (Spring to close / Fail safe close) (PN 10[2])

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF
Seal:	EPDM	PTFE[1]	EPDM	PTFE[1]	EPDM	PTFE[1]	EPDM	PTFE[1]
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)								
15	ADAIGPEFD015	ADAIGPTFD015	ADAIGCEFD015	ADAIGCTFD015	ADAIGPEFD015	ADAIGPTFD015	ADAIGFEFD015	ADAIGFTFD015
20	ADAIGPEFD020	ADAIGPTFD020	ADAIGCEFD020	ADAIGCTFD020	ADAIGPEFD020	ADAIGPTFD020	ADAIGFEFD020	ADAIGFTFD020
25	ADAIGPEFD025	ADAIGPTFD025	ADAIGCEFD025	ADAIGCTFD025	ADAIGPEFD025	ADAIGPTFD025	ADAIGFEFD025	ADAIGFTFD025
32	ADAIGPEFD032	ADAIGPTFD032	ADAIGCEFD032	ADAIGCTFD032	ADAIGPEFD032	ADAIGPTFD032	ADAIGFEFD032	ADAIGFTFD032
40	ADAIGPEFD040	ADAIGPTFD040	ADAIGCEFD040	ADAIGCTFD040	ADAIGPEFD040	ADAIGPTFD040	ADAIGFEFD040	ADAIGFTFD040
50	ADAIGPEFD050	ADAIGPTFD050	ADAIGCEFD050	ADAIGCTFD050	ADAIGPEFD050	ADAIGPTFD050	ADAIGFEFD050	ADAIGFTFD050

[1] : PTFE diaphragm with EPDM cushion.
[2] : PN 10 (PN 7 on request)

AC - Air to Close (Spring to open / Fail safe open) (PN 10)

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF
Seal:	EPDM	PTFE[1]	EPDM	PTFE[1]	EPDM	PTFE[1]	EPDM	PTFE[1]
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)								
15	ADAISPEFD015	ADAISPTFD015	ADAISCEFD015	ADAISCTFD015	ADAISPEFD015	ADAISPTFD015	ADAISFEFD015	ADAISFTFD015
20	ADAISPEFD020	ADAISPTFD020	ADAISCEFD020	ADAISCTFD020	ADAISPEFD020	ADAISPTFD020	ADAISFEFD020	ADAISFTFD020
25	ADAISPEFD025	ADAISPTFD025	ADAISCEFD025	ADAISCTFD025	ADAISPEFD025	ADAISPTFD025	ADAISFEFD025	ADAISFTFD025
32	ADAISPEFD032	ADAISPTFD032	ADAISCEFD032	ADAISCTFD032	ADAISPEFD032	ADAISPTFD032	ADAISFEFD032	ADAISFTFD032
40	ADAISPEFD040	ADAISPTFD040	ADAISCEFD040	ADAISCTFD040	ADAISPEFD040	ADAISPTFD040	ADAISFEFD040	ADAISFTFD040
50	ADAISPEFD050	ADAISPTFD050	ADAISCEFD050	ADAISCTFD050	ADAISPEFD050	ADAISPTFD050	ADAISFEFD050	ADAISFTFD050

[1] : PTFE diaphragm with EPDM cushion.

Compact Pneumatic Actuator Type AI with dedicated diaphragm valve design w. true unions

Model:

- Lightweight plastic actuator
- Compact design (for limitated piping space)
- Long lasting (more than 500.000 cycles)
- PN 10 or 7 bars
- DA, AC or AO
- Position indicator
- Stopper for fully closed position
- NAMUR air connection
- Fastening system
- Standard: DIN (European)

Option:

- Lubricant free
- Other standards: ANSI, JIS
- ANSI flanges in G or A standards
- Fasteners (bolts, nuts & washers) in SS 316L
- See accessories

  Other standards: ANSI, JIS

DA - Double Acting (PN 10)

Body:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-C	PVC-C	PVC-C	PVC-C
Seal:	EPDM	EPDM	PTFE[1]	PTFE[1]	EPDM	EPDM	PTFE[1]	PTFE[1]
O-ring[4]:	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM
Connection:	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED
DN (mm)								
15	ATAIFUESD015	ATAIFUEND015	ATAIFU1SD015	ATAIFU1ND015	ATAIFCESD015	ATAIFCEND015	ATAIFC1SD015	ATAIFC1ND015
20	ATAIFUESD020	ATAIFUEND020	ATAIFU1SD020	ATAIFU1ND020	ATAIFCESD020	ATAIFCEND020	ATAIFC1SD020	ATAIFC1ND020
25	ATAIFUESD025	ATAIFUEND025	ATAIFU1SD025	ATAIFU1ND025	ATAIFCESD025	ATAIFCEND025	ATAIFC1SD025	ATAIFC1ND025
32	ATAIFUESD032	ATAIFUEND032	ATAIFU1SD032	ATAIFU1ND032	ATAIFCESD032	ATAIFCEND032	ATAIFC1SD032	ATAIFC1ND032
40	ATAIFUESD040	ATAIFUEND040	ATAIFU1SD040	ATAIFU1ND040	ATAIFCESD040	ATAIFCEND040	ATAIFC1SD040	ATAIFC1ND040
50	ATAIFUESD050	ATAIFUEND050	ATAIFU1SD050	ATAIFU1ND050	ATAIFCESD050	ATAIFCEND050	ATAIFC1SD050	ATAIFC1ND050

[1] : PTFE diaphragm with EPDM cushion.
[4] : True union O-rings.

Body:	PP	PP	PP	PP	PP	PP
Seal:	EPDM	EPDM	EPDM	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[4]:	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM
Connection:	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT
DN (mm)						
15	ATAIFPESD015	ATAIFPEND015	ATAIFPEPD015	ATAIFP1SD015	ATAIFP1ND015	ATAIFP1PD015
20	ATAIFPESD020	ATAIFPEND020	ATAIFPEPD020	ATAIFP1SD020	ATAIFP1ND020	ATAIFP1PD020
25	ATAIFPESD025	ATAIFPEND025	ATAIFPEPD025	ATAIFP1SD025	ATAIFP1ND025	ATAIFP1PD025
32	ATAIFPESD032	ATAIFPEND032	ATAIFPEPD032	ATAIFP1SD032	ATAIFP1ND032	ATAIFP1PD032
40	ATAIFPESD040	ATAIFPEND040	ATAIFPEPD040	ATAIFP1SD040	ATAIFP1ND040	ATAIFP1PD040
50	ATAIFPESD050	ATAIFPEND050	ATAIFPEPD050	ATAIFP1SD050	ATAIFP1ND050	ATAIFP1PD050

[1] : PTFE diaphragm with EPDM cushion.
[4] : True union O-rings.

Body:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seal:	EPDM	EPDM	EPDM	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[4]:	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM
Connection:	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT
DN (mm)						
15	ATAIFFESD015	ATAIFFEND015	ATAIFFEPD015	ATAIFF1SD015	ATAIFF1ND015	ATAIFF1PD015
20	ATAIFFESD020	ATAIFFEND020	ATAIFFEPD020	ATAIFF1SD020	ATAIFF1ND020	ATAIFF1PD020
25	ATAIFFESD025	ATAIFFEND025	ATAIFFEPD025	ATAIFF1SD025	ATAIFF1ND025	ATAIFF1PD025
32	ATAIFFESD032	ATAIFFEND032	ATAIFFEPD032	ATAIFF1SD032	ATAIFF1ND032	ATAIFF1PD032
40	ATAIFFESD040	ATAIFFEND040	ATAIFFEPD040	ATAIFF1SD040	ATAIFF1ND040	ATAIFF1PD040
50	ATAIFFESD050	ATAIFFEND050	ATAIFFEPD050	ATAIFF1SD050	ATAIFF1ND050	ATAIFF1PD050

Body:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seal:	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[4]:	FKM	FKM	FKM	FKM-F	FKM-F	FKM-F
Connection:	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT
DN (mm)						
15	ATAIFF2SD015	ATAIFF2ND015	ATAIFF2PD015	ATAIFF3SD015	ATAIFF3ND015	ATAIFF3PD015
20	ATAIFF2SD020	ATAIFF2ND020	ATAIFF2PD020	ATAIFF3SD020	ATAIFF3ND020	ATAIFF3PD020
25	ATAIFF2SD025	ATAIFF2ND025	ATAIFF2PD025	ATAIFF3SD025	ATAIFF3ND025	ATAIFF3PD025
32	ATAIFF2SD032	ATAIFF2ND032	ATAIFF2PD032	ATAIFF3SD032	ATAIFF3ND032	ATAIFF3PD032
40	ATAIFF2SD040	ATAIFF2ND040	ATAIFF2PD040	ATAIFF3SD040	ATAIFF3ND040	ATAIFF3PD040
50	ATAIFF2SD050	ATAIFF2ND050	ATAIFF2PD050	ATAIFF3SD050	ATAIFF3ND050	ATAIFF3PD050

[1] : PTFE diaphragm with EPDM cushion.
[4] : True union O-rings.

AO - Air to Open (Spring to close / Fail safe close) (PN 10[2])

Body:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-C	PVC-C	PVC-C	PVC-C
Seal:	EPDM	EPDM	PTFE[1]	PTFE[1]	EPDM	EPDM	PTFE[1]	PTFE[1]
O-ring[4]:	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM
Connection:	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED
DN (mm)								
15	ATAIGUESD015	ATAIGUEND015	ATAIGU1SD015	ATAIGU1ND015	ATAIGCESD015	ATAIGCEND015	ATAIGC1SD015	ATAIGC1ND015
20	ATAIGUESD020	ATAIGUEND020	ATAIGU1SD020	ATAIGU1ND020	ATAIGCESD020	ATAIGCEND020	ATAIGC1SD020	ATAIGC1ND020
25	ATAIGUESD025	ATAIGUEND025	ATAIGU1SD025	ATAIGU1ND025	ATAIGCESD025	ATAIGCEND025	ATAIGC1SD025	ATAIGC1ND025
32	ATAIGUESD032	ATAIGUEND032	ATAIGU1SD032	ATAIGU1ND032	ATAIGCESD032	ATAIGCEND032	ATAIGC1SD032	ATAIGC1ND032
40	ATAIGUESD040	ATAIGUEND040	ATAIGU1SD040	ATAIGU1ND040	ATAIGCESD040	ATAIGCEND040	ATAIGC1SD040	ATAIGC1ND040
50	ATAIGUESD050	ATAIGUEND050	ATAIGU1SD050	ATAIGU1ND050	ATAIGCESD050	ATAIGCEND050	ATAIGC1SD050	ATAIGC1ND050

[1] : PTFE diaphragm with EPDM cushion.
[2] : PN 10 (PN 7 on request)
[4] : True union O-rings.

Body:	PP	PP	PP	PP	PP	PP
Seal:	EPDM	EPDM	EPDM	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[4]:	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM
Connection:	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT
DN (mm)						
15	ATAIGPESD015	ATAIGPEND015	ATAIGPEPD015	ATAIGP1SD015	ATAIGP1ND015	ATAIGP1PD015
20	ATAIGPESD020	ATAIGPEND020	ATAIGPEPD020	ATAIGP1SD020	ATAIGP1ND020	ATAIGP1PD020
25	ATAIGPESD025	ATAIGPEND025	ATAIGPEPD025	ATAIGP1SD025	ATAIGP1ND025	ATAIGP1PD025
32	ATAIGPESD032	ATAIGPEND032	ATAIGPEPD032	ATAIGP1SD032	ATAIGP1ND032	ATAIGP1PD032
40	ATAIGPESD040	ATAIGPEND040	ATAIGPEPD040	ATAIGP1SD040	ATAIGP1ND040	ATAIGP1PD040
50	ATAIGPESD050	ATAIGPEND050	ATAIGPEPD050	ATAIGP1SD050	ATAIGP1ND050	ATAIGP1PD050

[1] : PTFE diaphragm with EPDM cushion.
[2] : PN 10 (PN 7 on request)
[4] : True union O-rings.

Body:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seal:	EPDM	EPDM	EPDM	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[4]:	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM
Connection:	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT
DN (mm)						
15	ATAIGFESD015	ATAIGFEND015	ATAIGFEPD015	ATAIGF1SD015	ATAIGF1ND015	ATAIGF1PD015
20	ATAIGFESD020	ATAIGFEND020	ATAIGFEPD020	ATAIGF1SD020	ATAIGF1ND020	ATAIGF1PD020
25	ATAIGFESD025	ATAIGFEND025	ATAIGFEPD025	ATAIGF1SD025	ATAIGF1ND025	ATAIGF1PD025
32	ATAIGFESD032	ATAIGFEND032	ATAIGFEPD032	ATAIGF1SD032	ATAIGF1ND032	ATAIGF1PD032
40	ATAIGFESD040	ATAIGFEND040	ATAIGFEPD040	ATAIGF1SD040	ATAIGF1ND040	ATAIGF1PD040
50	ATAIGFESD050	ATAIGFEND050	ATAIGFEPD050	ATAIGF1SD050	ATAIGF1ND050	ATAIGF1PD050

[1] : PTFE diaphragm with EPDM cushion.
[2] : PN 10 (PN 7 on request)
[4] : True union O-rings.

Body:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seal:	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[4]:	FKM	FKM	FKM	FKM-F	FKM-F	FKM-F
Connection:	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT
DN (mm)						
15	ATAIGF2SD015	ATAIGF2ND015	ATAIGF2PD015	ATAIGF3SD015	ATAIGF3ND015	ATAIGF3PD015
20	ATAIGF2SD020	ATAIGF2ND020	ATAIGF2PD020	ATAIGF3SD020	ATAIGF3ND020	ATAIGF3PD020
25	ATAIGF2SD025	ATAIGF2ND025	ATAIGF2PD025	ATAIGF3SD025	ATAIGF3ND025	ATAIGF3PD025
32	ATAIGF2SD032	ATAIGF2ND032	ATAIGF2PD032	ATAIGF3SD032	ATAIGF3ND032	ATAIGF3PD032
40	ATAIGF2SD040	ATAIGF2ND040	ATAIGF2PD040	ATAIGF3SD040	ATAIGF3ND040	ATAIGF3PD040
50	ATAIGF2SD050	ATAIGF2ND050	ATAIGF2PD050	ATAIGF3SD050	ATAIGF3ND050	ATAIGF3PD050

[1] : PTFE diaphragm with EPDM cushion.
[2] : PN 10 (PN 7 on request)
[4] : True union O-rings.

AC - Air to Close (Spring to open / Fail safe open) (PN 10)

Body:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-C	PVC-C	PVC-C	PVC-C
Seal:	EPDM	EPDM	PTFE[1]	PTFE[1]	EPDM	EPDM	PTFE[1]	PTFE[1]
O-ring[4]:	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM
Connection:	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED
DN (mm)								
15	ATAISUESD015	ATAISUEND015	ATAISU1SD015	ATAISU1ND015	ATAISCESD015	ATAISCEND015	ATAISC1SD015	ATAISC1ND015
20	ATAISUESD020	ATAISUEND020	ATAISU1SD020	ATAISU1ND020	ATAISCESD020	ATAISCEND020	ATAISC1SD020	ATAISC1ND020
25	ATAISUESD025	ATAISUEND025	ATAISU1SD025	ATAISU1ND025	ATAISCESD025	ATAISCEND025	ATAISC1SD025	ATAISC1ND025
32	ATAISUESD032	ATAISUEND032	ATAISU1SD032	ATAISU1ND032	ATAISCESD032	ATAISCEND032	ATAISC1SD032	ATAISC1ND032
40	ATAISUESD040	ATAISUEND040	ATAISU1SD040	ATAISU1ND040	ATAISCESD040	ATAISCEND040	ATAISC1SD040	ATAISC1ND040
50	ATAISUESD050	ATAISUEND050	ATAISU1SD050	ATAISU1ND050	ATAISCESD050	ATAISCEND050	ATAISC1SD050	ATAISC1ND050

Body:	PP	PP	PP	PP	PP	PP
Seal:	EPDM	EPDM	EPDM	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[4]:	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM
Connection:	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT
DN (mm)						
15	ATAISPESD015	ATAISPEND015	ATAISPEPD015	ATAISP1SD015	ATAISP1ND015	ATAISP1PD015
20	ATAISPESD020	ATAISPEND020	ATAISPEPD020	ATAISP1SD020	ATAISP1ND020	ATAISP1PD020
25	ATAISPESD025	ATAISPEND025	ATAISPEPD025	ATAISP1SD025	ATAISP1ND025	ATAISP1PD025
32	ATAISPESD032	ATAISPEND032	ATAISPEPD032	ATAISP1SD032	ATAISP1ND032	ATAISP1PD032
40	ATAISPESD040	ATAISPEND040	ATAISPEPD040	ATAISP1SD040	ATAISP1ND040	ATAISP1PD040
50	ATAISPESD050	ATAISPEND050	ATAISPEPD050	ATAISP1SD050	ATAISP1ND050	ATAISP1PD050

Body:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seal:	EPDM	EPDM	EPDM	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[4]:	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM
Connection:	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT
DN (mm)						
15	ATAISFESD015	ATAISFEND015	ATAISFEPD015	ATAISF1SD015	ATAISF1ND015	ATAISF1PD015
20	ATAISFESD020	ATAISFEND020	ATAISFEPD020	ATAISF1SD020	ATAISF1ND020	ATAISF1PD020
25	ATAISFESD025	ATAISFEND025	ATAISFEPD025	ATAISF1SD025	ATAISF1ND025	ATAISF1PD025
32	ATAISFESD032	ATAISFEND032	ATAISFEPD032	ATAISF1SD032	ATAISF1ND032	ATAISF1PD032
40	ATAISFESD040	ATAISFEND040	ATAISFEPD040	ATAISF1SD040	ATAISF1ND040	ATAISF1PD040
50	ATAISFESD050	ATAISFEND050	ATAISFEPD050	ATAISF1SD050	ATAISF1ND050	ATAISF1PD050

[1] : PTFE diaphragm with EPDM cushion.
[4] : True union O-rings.

Body:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seal:	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]	PTFE[1]
O-ring[4]:	FKM	FKM	FKM	FKM-F	FKM-F	FKM-F
Connection:	SOCKET	THREADED	SPIGOT	SOCKET	THREADED	SPIGOT
DN (mm)						
15	ATAISF2SD015	ATAISF2ND015	ATAISF2PD015	ATAISF3SD015	ATAISF3ND015	ATAISF3PD015
20	ATAISF2SD020	ATAISF2ND020	ATAISF2PD020	ATAISF3SD020	ATAISF3ND020	ATAISF3PD020
25	ATAISF2SD025	ATAISF2ND025	ATAISF2PD025	ATAISF3SD025	ATAISF3ND025	ATAISF3PD025
32	ATAISF2SD032	ATAISF2ND032	ATAISF2PD032	ATAISF3SD032	ATAISF3ND032	ATAISF3PD032
40	ATAISF2SD040	ATAISF2ND040	ATAISF2PD040	ATAISF3SD040	ATAISF3ND040	ATAISF3PD040
50	ATAISF2SD050	ATAISF2ND050	ATAISF2PD050	ATAISF3SD050	ATAISF3ND050	ATAISF3PD050

[1] : PTFE diaphragm with EPDM cushion.
[4] : True union O-rings.

Accessories and options for pneumatic actuated diaphragm valve

- **Air filter regulator with pressure indicator**

For all pneumatic actuated diaphragm valve models

- With mounting part and adjustment
- Model: ARU2-02-8A-G
- With manual draining push-botton

- **Solenoid valve**

For type AN, AI (DN15-50), AV & AP (DN65-150) & TA

- With mounting part and adjustment
- 100VAC, 110VAC, 200VAC, 220VAC, 24VDC

Water proof type

- Model: 4N3S102K-W*-G31193

Explosion proof type ; IP65 d2G4

- Model: 4N4S102K-E1-H*BO

- **E/P Positioner**

For type AN, AI (DN15-50), AV & AP (DN65-150)

- With mounting part and adjustment
- Model: 4-20mA
- Model: YT-1000L

- **Limit switches**

For types AN & AI (DN15-50)

- Water proof type
- Model: 1LS19-J
- 2 Pcs Open & Close positions

For types AV & AP (DN65-150)

- Water proof type
- Model: 1LS1-J
- 2 Pcs Open & Close positions

For types AN & AI (DN15-50), AV & AP (DN65-150)

- Explosion proof type
- Model: Ex deIICT6; SB2-16-NO(1LX7001)
- 2 Pcs Open & Close positions

- **Limit switch boxes**

For type AI

- Model: SWITCH BOX
- Model: HPCR4MVAZ
- 2 Pcs Open & Close positions

For type AP

- Model: SWITCH BOX
- Model: HPCR4MVAZ50
- 2 Pcs Open & Close positions

For further accessories, please contact us.

Diaphragm Valve Type 16 (true unions) DN 15-50 - Pneumatic actuated Type AD

Model:

- Lightweight plastic actuator
- Long lasting (more than 1 million open/close cycles)
- Ideal for dosing skid or equipment
- PN 5 or 4 bars
- Back-pressure resistance 2 bars
- DA or AO
- Position indicator
- Stopper for fully closed position
- Fastening system
- Standard: DIN (European)

Option:

- Other standards: ANSI, JIS

DA - Double Acting

Body:	PVC-U	PVC-U	PVC-U	PVC-U
Seal:	EPDM	EPDM	PTFE(1)	PTFE(1)
Connection:	SOCKET	THREADED	SOCKET	THREADED
DN (mm)				
15	A16DFUESD015	A16DFUEND015	A16DFU1SD015	A16DFU1ND015
20	A16DFUESD020	A16DFUEND020	A16DFU1SD020	A16DFU1ND020
25	A16DFUESD025	A16DFUEND025	A16DFU1SD025	A16DFU1ND025
32	A16DFUESD032	A16DFUEND032	A16DFU1SD032	A16DFU1ND032
40	A16DFUESD040	A16DFUEND040	A16DFU1SD040	A16DFU1ND040
50	A16DFUESD050	A16DFUEND050	A16DFU1SD050	A16DFU1ND050

(1) : PTFE diaphragm with EPDM cushion.

AO - Air to Open (Spring to close / Fail safe close)

Body:	PVC-U	PVC-U	PVC-U	PVC-U
Seal:	EPDM	EPDM	PTFE(1)	PTFE(1)
Connection:	SOCKET	THREADED	SOCKET	THREADED
DN (mm)				
15	A16DGUESD015	A16DGUEND015	A16DGU1SD015	A16DGU1ND015
20	A16DGUESD020	A16DGUEND020	A16DGU1SD020	A16DGU1ND020
25	A16DGUESD025	A16DGUEND025	A16DGU1SD025	A16DGU1ND025
32	A16DGUESD032	A16DGUEND032	A16DGU1SD032	A16DGU1ND032
40	A16DGUESD040	A16DGUEND040	A16DGU1SD040	A16DGU1ND040
50	A16DGUESD050	A16DGUEND050	A16DGU1SD050	A16DGU1ND050

Butterfly Valve Type 57 - Pneumatic actuated Type TA

Model:

- Lightweight metal actuator
- PN 10 or 7.5 bars
- DA, AC or AO
- Position indicator
- Stopper for fully closed position
- NAMUR air connection
- Triple seal system
- Anti over-compression seal system
- Standard: DIN (European)

Option:

- Lubricant free (for wetted parts)
- Stem materials
- Other standards: ANSI, JIS

DA - Double Acting
AO - Air To Open (Spring to close / Fail safe close)
AC - Air To Close (Spring to open / Fail safe open)

Function:	DA	DA	AO	AO	AC	AC
Disc:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U
Body(1):	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM
DN(mm)						
40	A57KFUEWD040	A57KFUVWD040	A57KGUEWD040	A57KGUVWD040	A57KSUEWD040	A57KSUVWD040
50	A57KFUEWD050	A57KFUVWD050	A57KGUEWD050	A57KGUVWD050	A57KSUEWD050	A57KSUVWD050
65	A57KFUEWD065	A57KFUVWD065	A57KGUEWD065	A57KGUVWD065	A57KSUEWD065	A57KSUVWD065
80	A57KFUEWD080	A57KFUVWD080	A57KGUEWD080	A57KGUVWD080	A57KSUEWD080	A57KSUVWD080
100	A57KFUEWD100	A57KFUVWD100	A57KGUEWD100	A57KGUVWD100	A57KSUEWD100	A57KSUVWD100
125	A57KFUEWD125	A57KFUVWD125	A57KGUEWD125	A57KGUVWD125	A57KSUEWD125	A57KSUVWD125
150	A57KFUEWD150	A57KFUVWD150	A57KGUEWD150	A57KGUVWD150	A57KSUEWD150	A57KSUVWD150
200	A57KFUEWD200	A57KFUVWD200	A57KGUEWD200	A57KGUVWD200	A57KSUEWD200	A57KSUVWD200
250	A57KFUEWD250	A57KFUVWD250	A57KGUEWD250	A57KGUVWD250	A57KSUEWD250	A57KSUVWD250
300	A57KFUEWD300	A57KFUVWD300	A57KGUEWD300	A57KGUVWD300	A57KSUEWD300	A57KSUVWD300
350	A57KFUEWD350	A57KFUVWD350	A57KGUEWD350	A57KGUVWD350	A57KSUEWD350	A57KSUVWD350

(1) : Not in contact with media.

Table continues on the next page...

Function:	DA	DA	AO	AO	AC	AC
Disc:	PP	PP	PP	PP	PP	PP
Body[1]:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U	PVC-U
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM
DN(mm)						
40	A57KFUEW1040	A57KFUVW1040	A57KGUEW1040	A57KGUVW1040	A57KSUEW1040	A57KSUVW1040
50	A57KFUEW1050	A57KFUVW1050	A57KGUEW1050	A57KGUVW1050	A57KSUEW1050	A57KSUVW1050
65	A57KFUEW1065	A57KFUVW1065	A57KGUEW1065	A57KGUVW1065	A57KSUEW1065	A57KSUVW1065
80	A57KFUEW1080	A57KFUVW1080	A57KGUEW1080	A57KGUVW1080	A57KSUEW1080	A57KSUVW1080
100	A57KFUEW1100	A57KFUVW1100	A57KGUEW1100	A57KGUVW1100	A57KSUEW1100	A57KSUVW1100
125	A57KFUEW1125	A57KFUVW1125	A57KGUEW1125	A57KGUVW1125	A57KSUEW1125	A57KSUVW1125
150	A57KFUEW1150	A57KFUVW1150	A57KGUEW1150	A57KGUVW1150	A57KSUEW1150	A57KSUVW1150
200	A57KFUEW1200	A57KFUVW1200	A57KGUEW1200	A57KGUVW1200	A57KSUEW1200	A57KSUVW1200
250	A57KFUEW1250	A57KFUVW1250	A57KGUEW1250	A57KGUVW1250	A57KSUEW1250	A57KSUVW1250
300	A57KFUEW1300	A57KFUVW1300	A57KGUEW1300	A57KGUVW1300	A57KSUEW1300	A57KSUVW1300
350	A57KFUEW1350	A57KFUVW1350	A57KGUEW1350	A57KGUVW1350	A57KSUEW1350	A57KSUVW1350

[1] : Not in contact with media.

Function:	DA	DA	AO	AO	AC	AC
Disc:	PP	PP	PP	PP	PP	PP
Body[1]:	PP	PP	PP	PP	PP	PP
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM
DN(mm)						
40	A57KFPEWD040	A57KFPVWD040	A57KGPEWD040	A57KGPVWD040	A57KSPEWD040	A57KSPVWD040
50	A57KFPEWD050	A57KFPVWD050	A57KGPEWD050	A57KGPVWD050	A57KSPEWD050	A57KSPVWD050
65	A57KFPEWD065	A57KFPVWD065	A57KGPEWD065	A57KGPVWD065	A57KSPEWD065	A57KSPVWD065
80	A57KFPEWD080	A57KFPVWD080	A57KGPEWD080	A57KGPVWD080	A57KSPEWD080	A57KSPVWD080
100	A57KFPEWD100	A57KFPVWD100	A57KGPEWD100	A57KGPVWD100	A57KSPEWD100	A57KSPVWD100
125	A57KFPEWD125	A57KFPVWD125	A57KGPEWD125	A57KGPVWD125	A57KSPEWD125	A57KSPVWD125
150	A57KFPEWD150	A57KFPVWD150	A57KGPEWD150	A57KGPVWD150	A57KSPEWD150	A57KSPVWD150
200	A57KFPEWD200	A57KFPVWD200	A57KGPEWD200	A57KGPVWD200	A57KSPEWD200	A57KSPVWD200
250	A57KFPEWD250	A57KFPVWD250	A57KGPEWD250	A57KGPVWD250	A57KSPEWD250	A57KSPVWD250
300	A57KFPEWD300	A57KFPVWD300	A57KGPEWD300	A57KGPVWD300	A57KSPEWD300	A57KSPVWD300
350	A57KFPEWD350	A57KFPVWD350	A57KGPEWD350	A57KGPVWD350	A57KSPEWD350	A57KSPVWD350

[1] : Not in contact with media.

Function:	DA	DA	AO	AO	AC	AC
Disc:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Body[1]:	PVDF	PVDF	PVDF	PVDF	PVDF	PVDF
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM
DN(mm)						
40	A57KFFEWD040	A57KFFVWD040	A57KGFEWD040	A57KGFVWD040	A57KSFEWD040	A57KSFVWD040
50	A57KFFEWD050	A57KFFVWD050	A57KGFEWD050	A57KGFVWD050	A57KSFEWD050	A57KSFVWD050
65	A57KFFEWD065	A57KFFVWD065	A57KGFEWD065	A57KGFVWD065	A57KSFEWD065	A57KSFVWD065
80	A57KFFEWD080	A57KFFVWD080	A57KGFEWD080	A57KGFVWD080	A57KSFEWD080	A57KSFVWD080
100	A57KFFEWD100	A57KFFVWD100	A57KGFEWD100	A57KGFVWD100	A57KSFEWD100	A57KSFVWD100
125	A57KFFEWD125	A57KFFVWD125	A57KGFEWD125	A57KGFVWD125	A57KSFEWD125	A57KSFVWD125
150	A57KFFEWD150	A57KFFVWD150	A57KGFEWD150	A57KGFVWD150	A57KSFEWD150	A57KSFVWD150
200	A57KFFEWD200	A57KFFVWD200	A57KGFEWD200	A57KGFVWD200	A57KSFEWD200	A57KSFVWD200
250	A57KFFEWD250	A57KFFVWD250	A57KGFEWD250	A57KGFVWD250	A57KSFEWD250	A57KSFVWD250
300	A57KFFEWD300	A57KFFVWD300	A57KGFEWD300	A57KGFVWD300	A57KSFEWD300	A57KSFVWD300
350	A57KFFEWD350	A57KFFVWD350	A57KGFEWD350	A57KGFVWD350	A57KSFEWD350	A57KSFVWD350

[1] : Not in contact with media.

Ball Valve Type 21a / Type 21 - Pneumatic actuated Type AR

One-Click removing key

Model:

- Super compact design
- Extreme lightweight plastic actuator
- One-Click connection (no screws)
- Long lasting
- PN 10 bars
- DA, AC or AO
- Position indicator
- NAMUR air connection
- Fastening system
- Standard: DIN (European)
- Comes with removing key

Option:

- Lubricant free
- Other standards: ANSI, JIS
- See accessories

DA - Double Acting (PN 10)

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM	EPDM	FKM
Connection:	SOCKET	SOCKET	SOCKET	SOCKET	SOCKET	SOCKET	SOCKET	SOCKET
DN (mm)								
15	A2ALFUESD015	A2ALFUVSD015	A2ALFCESD015	A2ALFCVSD015	A2ALFPESD015	A2ALFPVSD015	A2ALFFESD015	A2ALFFVSD015
20	A2ALFUESD020	A2ALFUVSD020	A2ALFCESD020	A2ALFCVSD020	A2ALFPESD020	A2ALFPVSD020	A2ALFFESD020	A2ALFFVSD020
25	A2ALFUESD025	A2ALFUVSD025	A2ALFCESD025	A2ALFCVSD025	A2ALFPESD025	A2ALFPVSD025	A2ALFFESD025	A2ALFFVSD025
32	A2ALFUESD032	A2ALFUVSD032	A2ALFCESD032	A2ALFCVSD032	A2ALFPESD032	A2ALFPVSD032	A2ALFFESD032	A2ALFFVSD032
40	A2ALFUESD040	A2ALFUVSD040	A2ALFCESD040	A2ALFCVSD040	A2ALFPESD040	A2ALFPVSD040	A2ALFFESD040	A2ALFFVSD040
50	A2ALFUESD050	A2ALFUVSD050	A2ALFCESD050	A2ALFCVSD050	A2ALFPESD050	A2ALFPVSD050	A2ALFFESD050	A2ALFFVSD050

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM	EPDM	FKM
Connection:	THREADED	THREADED	THREADED	THREADED	THREADED	THREADED	THREADED	THREADED
DN (mm)								
15	A2ALFUEND015	A2ALFUVND015	A2ALFCEND015	A2ALFCVND015	A2ALFPEND015	A2ALFPVND015	A2ALFFEND015	A2ALFFVND015
20	A2ALFUEND020	A2ALFUVND020	A2ALFCEND020	A2ALFCVND020	A2ALFPEND020	A2ALFPVND020	A2ALFFEND020	A2ALFFVND020
25	A2ALFUEND025	A2ALFUVND025	A2ALFCEND025	A2ALFCVND025	A2ALFPEND025	A2ALFPVND025	A2ALFFEND025	A2ALFFVND025
32	A2ALFUEND032	A2ALFUVND032	A2ALFCEND032	A2ALFCVND032	A2ALFPEND032	A2ALFPVND032	A2ALFFEND032	A2ALFFVND032
40	A2ALFUEND040	A2ALFUVND040	A2ALFCEND040	A2ALFCVND040	A2ALFPEND040	A2ALFPVND040	A2ALFFEND040	A2ALFFVND040
50	A2ALFUEND050	A2ALFUVND050	A2ALFCEND050	A2ALFCVND050	A2ALFPEND050	A2ALFPVND050	A2ALFFEND050	A2ALFFVND050

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM	EPDM	FKM
Connection:	SPIGOT	SPIGOT	SPIGOT	SPIGOT	SPIGOT	SPIGOT	SPIGOT	SPIGOT
DN (mm)								
15	A2ALFUEPD015	A2ALFUVPD015	A2ALFCEPD015	A2ALFCVPD015	A2ALFPEPD015	A2ALFPVPD015	A2ALFFEPD015	A2ALFFVPD015
20	A2ALFUEPD020	A2ALFUVPD020	A2ALFCEPD020	A2ALFCVPD020	A2ALFPEPD020	A2ALFPVPD020	A2ALFFEPD020	A2ALFFVPD020
25	A2ALFUEPD025	A2ALFUVPD025	A2ALFCEPD025	A2ALFCVPD025	A2ALFPEPD025	A2ALFPVPD025	A2ALFFEPD025	A2ALFFVPD025
32	A2ALFUEPD032	A2ALFUVPD032	A2ALFCEPD032	A2ALFCVPD032	A2ALFPEPD032	A2ALFPVPD032	A2ALFFEPD032	A2ALFFVPD032
40	A2ALFUEPD040	A2ALFUVPD040	A2ALFCEPD040	A2ALFCVPD040	A2ALFPEPD040	A2ALFPVPD040	A2ALFFEPD040	A2ALFFVPD040
50	A2ALFUEPD050	A2ALFUVPD050	A2ALFCEPD050	A2ALFCVPD050	A2ALFPEPD050	A2ALFPVPD050	A2ALFFEPD050	A2ALFFVPD050

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM	EPDM	FKM
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)								
15	A2ALFUEFD015	A2ALFUVFD015	A2ALFCEFD015	A2ALFCVFD015	A2ALFPEFD015	A2ALFPVFD015	A2ALFFEFD015	A2ALFFVFD015
20	A2ALFUEFD020	A2ALFUVFD020	A2ALFCEFD020	A2ALFCVFD020	A2ALFPEFD020	A2ALFPVFD020	A2ALFFEFD020	A2ALFFVFD020
25	A2ALFUEFD025	A2ALFUVFD025	A2ALFCEFD025	A2ALFCVFD025	A2ALFPEFD025	A2ALFPVFD025	A2ALFFEFD025	A2ALFFVFD025
32	A2ALFUEFD032	A2ALFUVFD032	A2ALFCEFD032	A2ALFCVFD032	A2ALFPEFD032	A2ALFPVFD032	A2ALFFEFD032	A2ALFFVFD032
40	A2ALFUEFD040	A2ALFUVFD040	A2ALFCEFD040	A2ALFCVFD040	A2ALFPEFD040	A2ALFPVFD040	A2ALFFEFD040	A2ALFFVFD040
50	A2ALFUEFD050	A2ALFUVFD050	A2ALFCEFD050	A2ALFCVFD050	A2ALFPEFD050	A2ALFPVFD050	A2ALFFEFD050	A2ALFFVFD050

AO - Air to Open (Spring to close / Fail safe close) (PN 10)

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM	EPDM	FKM
Connection:	SOCKET	SOCKET	SOCKET	SOCKET	SOCKET	SOCKET	SOCKET	SOCKET
DN (mm)								
15	A2ALGUESD015	A2ALGUVSD015	A2ALGCESD015	A2ALGCVSD015	A2ALGPESD015	A2ALGPVSD015	A2ALGFESD015	A2ALGFVSD015
20	A2ALGUESD020	A2ALGUVSD020	A2ALGCESD020	A2ALGCVSD020	A2ALGPESD020	A2ALGPVSD020	A2ALGFESD020	A2ALGFVSD020
25	A2ALGUESD025	A2ALGUVSD025	A2ALGCESD025	A2ALGCVSD025	A2ALGPESD025	A2ALGPVSD025	A2ALGFESD025	A2ALGFVSD025
32	A2ALGUESD032	A2ALGUVSD032	A2ALGCESD032	A2ALGCVSD032	A2ALGPESD032	A2ALGPVSD032	A2ALGFESD032	A2ALGFVSD032
40	A2ALGUESD040	A2ALGUVSD040	A2ALGCESD040	A2ALGCVSD040	A2ALGPESD040	A2ALGPVSD040	A2ALGFESD040	A2ALGFVSD040
50	A2ALGUESD050	A2ALGUVSD050	A2ALGCESD050	A2ALGCVSD050	A2ALGPESD050	A2ALGPVSD050	A2ALGFESD050	A2ALGFVSD050

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM	EPDM	FKM
Connection:	THREADED	THREADED	THREADED	THREADED	THREADED	THREADED	THREADED	THREADED
DN (mm)								
15	A2ALGUEND015	A2ALGUVND015	A2ALGCEND015	A2ALGCVND015	A2ALGPEND015	A2ALGPVND015	A2ALGFEND015	A2ALGFVND015
20	A2ALGUEND020	A2ALGUVND020	A2ALGCEND020	A2ALGCVND020	A2ALGPEND020	A2ALGPVND020	A2ALGFEND020	A2ALGFVND020
25	A2ALGUEND025	A2ALGUVND025	A2ALGCEND025	A2ALGCVND025	A2ALGPEND025	A2ALGPVND025	A2ALGFEND025	A2ALGFVND025
32	A2ALGUEND032	A2ALGUVND032	A2ALGCEND032	A2ALGCVND032	A2ALGPEND032	A2ALGPVND032	A2ALGFEND032	A2ALGFVND032
40	A2ALGUEND040	A2ALGUVND040	A2ALGCEND040	A2ALGCVND040	A2ALGPEND040	A2ALGPVND040	A2ALGFEND040	A2ALGFVND040
50	A2ALGUEND050	A2ALGUVND050	A2ALGCEND050	A2ALGCVND050	A2ALGPEND050	A2ALGPVND050	A2ALGFEND050	A2ALGFVND050

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM	EPDM	FKM
Connection:	SPIGOT	SPIGOT	SPIGOT	SPIGOT	SPIGOT	SPIGOT	SPIGOT	SPIGOT
DN (mm)								
15	A2ALGUEPD015	A2ALGUVPD015	A2ALGCEPD015	A2ALGCVPD015	A2ALGPEPD015	A2ALGPVPD015	A2ALGFEPD015	A2ALGFVPD015
20	A2ALGUEPD020	A2ALGUVPD020	A2ALGCEPD020	A2ALGCVPD020	A2ALGPEPD020	A2ALGPVPD020	A2ALGFEPD020	A2ALGFVPD020
25	A2ALGUEPD025	A2ALGUVPD025	A2ALGCEPD025	A2ALGCVPD025	A2ALGPEPD025	A2ALGPVPD025	A2ALGFEPD025	A2ALGFVPD025
32	A2ALGUEPD032	A2ALGUVPD032	A2ALGCEPD032	A2ALGCVPD032	A2ALGPEPD032	A2ALGPVPD032	A2ALGFEPD032	A2ALGFVPD032
40	A2ALGUEPD040	A2ALGUVPD040	A2ALGCEPD040	A2ALGCVPD040	A2ALGPEPD040	A2ALGPVPD040	A2ALGFEPD040	A2ALGFVPD040
50	A2ALGUEPD050	A2ALGUVPD050	A2ALGCEPD050	A2ALGCVPD050	A2ALGPEPD050	A2ALGPVPD050	A2ALGFEPD050	A2ALGFVPD050

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM	EPDM	FKM
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)								
15	A2ALGUEFD015	A2ALGUVFD015	A2ALGCEFD015	A2ALGCVFD015	A2ALGPEFD015	A2ALGPVFD015	A2ALGFEFD015	A2ALGFVFD015
20	A2ALGUEFD020	A2ALGUVFD020	A2ALGCEFD020	A2ALGCVFD020	A2ALGPEFD020	A2ALGPVFD020	A2ALGFEFD020	A2ALGFVFD020
25	A2ALGUEFD025	A2ALGUVFD025	A2ALGCEFD025	A2ALGCVFD025	A2ALGPEFD025	A2ALGPVFD025	A2ALGFEFD025	A2ALGFVFD025
32	A2ALGUEFD032	A2ALGUVFD032	A2ALGCEFD032	A2ALGCVFD032	A2ALGPEFD032	A2ALGPVFD032	A2ALGFEFD032	A2ALGFVFD032
40	A2ALGUEFD040	A2ALGUVFD040	A2ALGCEFD040	A2ALGCVFD040	A2ALGPEFD040	A2ALGPVFD040	A2ALGFEFD040	A2ALGFVFD040
50	A2ALGUEFD050	A2ALGUVFD050	A2ALGCEFD050	A2ALGCVFD050	A2ALGPEFD050	A2ALGPVFD050	A2ALGFEFD050	A2ALGFVFD050

AC - Air to Close (Spring to open / Fail safe open) (PN 10)

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM	EPDM	FKM
Connection:	SOCKET	SOCKET	SOCKET	SOCKET	SOCKET	SOCKET	SOCKET	SOCKET
DN (mm)								
15	A2ALSUESD015	A2ALSUVSD015	A2ALSCESD015	A2ALSCVSD015	A2ALSPESD015	A2ALSPVSD015	A2ALSFESD015	A2ALSFVSD015
20	A2ALSUESD020	A2ALSUVSD020	A2ALSCESD020	A2ALSCVSD020	A2ALSPESD020	A2ALSPVSD020	A2ALSFESD020	A2ALSFVSD020
25	A2ALSUESD025	A2ALSUVSD025	A2ALSCESD025	A2ALSCVSD025	A2ALSPESD025	A2ALSPVSD025	A2ALSFESD025	A2ALSFVSD025
32	A2ALSUESD032	A2ALSUVSD032	A2ALSCESD032	A2ALSCVSD032	A2ALSPESD032	A2ALSPVSD032	A2ALSFESD032	A2ALSFVSD032
40	A2ALSUESD040	A2ALSUVSD040	A2ALSCESD040	A2ALSCVSD040	A2ALSPESD040	A2ALSPVSD040	A2ALSFESD040	A2ALSFVSD040
50	A2ALSUESD050	A2ALSUVSD050	A2ALSCESD050	A2ALSCVSD050	A2ALSPESD050	A2ALSPVSD050	A2ALSFESD050	A2ALSFVSD050

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM	EPDM	FKM
Connection:	THREADED	THREADED	THREADED	THREADED	THREADED	THREADED	THREADED	THREADED
DN (mm)								
15	A2ALSUEND015	A2ALSUVND015	A2ALSCEND015	A2ALSCVND015	A2ALSPEND015	A2ALSPVND015	A2ALSFEND015	A2ALSFVND015
20	A2ALSUEND020	A2ALSUVND020	A2ALSCEND020	A2ALSCVND020	A2ALSPEND020	A2ALSPVND020	A2ALSFEND020	A2ALSFVND020
25	A2ALSUEND025	A2ALSUVND025	A2ALSCEND025	A2ALSCVND025	A2ALSPEND025	A2ALSPVND025	A2ALSFEND025	A2ALSFVND025
32	A2ALSUEND032	A2ALSUVND032	A2ALSCEND032	A2ALSCVND032	A2ALSPEND032	A2ALSPVND032	A2ALSFEND032	A2ALSFVND032
40	A2ALSUEND040	A2ALSUVND040	A2ALSCEND040	A2ALSCVND040	A2ALSPEND040	A2ALSPVND040	A2ALSFEND040	A2ALSFVND040
50	A2ALSUEND050	A2ALSUVND050	A2ALSCEND050	A2ALSCVND050	A2ALSPEND050	A2ALSPVND050	A2ALSFEND050	A2ALSFVND050

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM	EPDM	FKM
Connection:	SPIGOT	SPIGOT	SPIGOT	SPIGOT	SPIGOT	SPIGOT	SPIGOT	SPIGOT
DN (mm)								
15	A2ALSUEPD015	A2ALSUVPD015	A2ALSCEPD015	A2ALSCVPD015	A2ALSPEPD015	A2ALSPVPD015	A2ALSFEPD015	A2ALSFVPD015
20	A2ALSUEPD020	A2ALSUVPD020	A2ALSCEPD020	A2ALSCVPD020	A2ALSPEPD020	A2ALSPVPD020	A2ALSFEPD020	A2ALSFVPD020
25	A2ALSUEPD025	A2ALSUVPD025	A2ALSCEPD025	A2ALSCVPD025	A2ALSPEPD025	A2ALSPVPD025	A2ALSFEPD025	A2ALSFVPD025
32	A2ALSUEPD032	A2ALSUVPD032	A2ALSCEPD032	A2ALSCVPD032	A2ALSPEPD032	A2ALSPVPD032	A2ALSFEPD032	A2ALSFVPD032
40	A2ALSUEPD040	A2ALSUVPD040	A2ALSCEPD040	A2ALSCVPD040	A2ALSPEPD040	A2ALSPVPD040	A2ALSFEPD040	A2ALSFVPD040
50	A2ALSUEPD050	A2ALSUVPD050	A2ALSCEPD050	A2ALSCVPD050	A2ALSPEPD050	A2ALSPVPD050	A2ALSFEPD050	A2ALSFVPD050

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM	EPDM	FKM
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)								
15	A2ALSUEFD015	A2ALSUVFD015	A2ALSCEFD015	A2ALSCVFD015	A2ALSPEFD015	A2ALSPVFD015	A2ALSFEFD015	A2ALSFVFD015
20	A2ALSUEFD020	A2ALSUVFD020	A2ALSCEFD020	A2ALSCVFD020	A2ALSPEFD020	A2ALSPVFD020	A2ALSFEFD020	A2ALSFVFD020
25	A2ALSUEFD025	A2ALSUVFD025	A2ALSCEFD025	A2ALSCVFD025	A2ALSPEFD025	A2ALSPVFD025	A2ALSFEFD025	A2ALSFVFD025
32	A2ALSUEFD032	A2ALSUVFD032	A2ALSCEFD032	A2ALSCVFD032	A2ALSPEFD032	A2ALSPVFD032	A2ALSFEFD032	A2ALSFVFD032
40	A2ALSUEFD040	A2ALSUVFD040	A2ALSCEFD040	A2ALSCVFD040	A2ALSPEFD040	A2ALSPVFD040	A2ALSFEFD040	A2ALSFVFD040
50	A2ALSUEFD050	A2ALSUVFD050	A2ALSCEFD050	A2ALSCVFD050	A2ALSPEFD050	A2ALSPVFD050	A2ALSFEFD050	A2ALSFVFD050

3-Way Ball Valve Type 23 - Pneumatic actuated Type AR

One-Click removing key

Model:

- L-port ball
- Super compact design
- Extreme lightweight plastic actuator
- One-Click connection (no screws)
- Long lasting
- PN 10 bars
- DA, AC or AO
- Position indicator
- NAMUR air connection
- Standard: DIN (European)
- Comes with removing key

Option:

- Double "W" L-port, cross-port balls
- Lubricant free
- Other standards: ANSI, JIS
- See accessories

DA - Double Acting (PN 10)

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM	EPDM	FKM
Connection:	SOCKET	SOCKET	SOCKET	SOCKET	SOCKET	SOCKET	SOCKET	SOCKET
DN (mm)								
15	A23LFUESD015	A23LFUVSD015	A23LFCESD015	A23LFCVSD015	A23LFPESD015	A23LFPVSD015	A23LFFESD015	A23LFFVSD015
20	A23LFUESD020	A23LFUVSD020	A23LFCESD020	A23LFCVSD020	A23LFPESD020	A23LFPVSD020	A23LFFESD020	A23LFFVSD020
25	A23LFUESD025	A23LFUVSD025	A23LFCESD025	A23LFCVSD025	A23LFPESD025	A23LFPVSD025	A23LFFESD025	A23LFFVSD025
32	A23LFUESD032	A23LFUVSD032	A23LFCESD032	A23LFCVSD032	A23LFPESD032	A23LFPVSD032	A23LFFESD032	A23LFFVSD032
40	A23LFUESD040	A23LFUVSD040	A23LFCESD040	A23LFCVSD040	A23LFPESD040	A23LFPVSD040	A23LFFESD040	A23LFFVSD040
50	A23LFUESD050	A23LFUVSD050	A23LFCESD050	A23LFCVSD050	A23LFPESD050	A23LFPVSD050	A23LFFESD050	A23LFFVSD050

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM	EPDM	FKM
Connection:	THREADED	THREADED	THREADED	THREADED	THREADED	THREADED	THREADED	THREADED
DN (mm)								
15	A23LFUEND015	A23LFUVND015	A23LFCEND015	A23LFCVND015	A23LFPEND015	A23LFPVND015	A23LFFEND015	A23LFFVND015
20	A23LFUEND020	A23LFUVND020	A23LFCEND020	A23LFCVND020	A23LFPEND020	A23LFPVND020	A23LFFEND020	A23LFFVND020
25	A23LFUEND025	A23LFUVND025	A23LFCEND025	A23LFCVND025	A23LFPEND025	A23LFPVND025	A23LFFEND025	A23LFFVND025
32	A23LFUEND032	A23LFUVND032	A23LFCEND032	A23LFCVND032	A23LFPEND032	A23LFPVND032	A23LFFEND032	A23LFFVND032
40	A23LFUEND040	A23LFUVND040	A23LFCEND040	A23LFCVND040	A23LFPEND040	A23LFPVND040	A23LFFEND040	A23LFFVND040
50	A23LFUEND050	A23LFUVND050	A23LFCEND050	A23LFCVND050	A23LFPEND050	A23LFPVND050	A23LFFEND050	A23LFFVND050

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM	EPDM	FKM
Connection:	SPIGOT	SPIGOT	SPIGOT	SPIGOT	SPIGOT	SPIGOT	SPIGOT	SPIGOT
DN (mm)								
15	A23LFUEPD015	A23LFUVPD015	A23LFCEPD015	A23LFCVPD015	A23LFPEPD015	A23LFPVPD015	A23LFFEPD015	A23LFFVPD015
20	A23LFUEPD020	A23LFUVPD020	A23LFCEPD020	A23LFCVPD020	A23LFPEPD020	A23LFPVPD020	A23LFFEPD020	A23LFFVPD020
25	A23LFUEPD025	A23LFUVPD025	A23LFCEPD025	A23LFCVPD025	A23LFPEPD025	A23LFPVPD025	A23LFFEPD025	A23LFFVPD025
32	A23LFUEPD032	A23LFUVPD032	A23LFCEPD032	A23LFCVPD032	A23LFPEPD032	A23LFPVPD032	A23LFFEPD032	A23LFFVPD032
40	A23LFUEPD040	A23LFUVPD040	A23LFCEPD040	A23LFCVPD040	A23LFPEPD040	A23LFPVPD040	A23LFFEPD040	A23LFFVPD040
50	A23LFUEPD050	A23LFUVPD050	A23LFCEPD050	A23LFCVPD050	A23LFPEPD050	A23LFPVPD050	A23LFFEPD050	A23LFFVPD050

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM	EPDM	FKM
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)								
15	A23LFUEFD015	A23LFUVFD015	A23LFCEFD015	A23LFCVFD015	A23LFPEFD015	A23LFPVFD015	A23LFFEFD015	A23LFFVFD015
20	A23LFUEFD020	A23LFUVFD020	A23LFCEFD020	A23LFCVFD020	A23LFPEFD020	A23LFPVFD020	A23LFFEFD020	A23LFFVFD020
25	A23LFUEFD025	A23LFUVFD025	A23LFCEFD025	A23LFCVFD025	A23LFPEFD025	A23LFPVFD025	A23LFFEFD025	A23LFFVFD025
32	A23LFUEFD032	A23LFUVFD032	A23LFCEFD032	A23LFCVFD032	A23LFPEFD032	A23LFPVFD032	A23LFFEFD032	A23LFFVFD032
40	A23LFUEFD040	A23LFUVFD040	A23LFCEFD040	A23LFCVFD040	A23LFPEFD040	A23LFPVFD040	A23LFFEFD040	A23LFFVFD040
50	A23LFUEFD050	A23LFUVFD050	A23LFCEFD050	A23LFCVFD050	A23LFPEFD050	A23LFPVFD050	A23LFFEFD050	A23LFFVFD050

AO - Air to Open (Spring to close / Fail safe close) (PN 10)

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM	EPDM	FKM
Connection:	SOCKET	SOCKET	SOCKET	SOCKET	SOCKET	SOCKET	SOCKET	SOCKET
DN (mm)								
15	A23LGUESD015	A23LGUVSD015	A23LGCESD015	A23LGCVSD015	A23LGPESD015	A23LGPVSD015	A23LGFESD015	A23LGFVSD015
20	A23LGUESD020	A23LGUVSD020	A23LGCESD020	A23LGCVSD020	A23LGPESD020	A23LGPVSD020	A23LGFESD020	A23LGFVSD020
25	A23LGUESD025	A23LGUVSD025	A23LGCESD025	A23LGCVSD025	A23LGPESD025	A23LGPVSD025	A23LGFESD025	A23LGFVSD025
32	A23LGUESD032	A23LGUVSD032	A23LGCESD032	A23LGCVSD032	A23LGPESD032	A23LGPVSD032	A23LGFESD032	A23LGFVSD032
40	A23LGUESD040	A23LGUVSD040	A23LGCESD040	A23LGCVSD040	A23LGPESD040	A23LGPVSD040	A23LGFESD040	A23LGFVSD040
50	A23LGUESD050	A23LGUVSD050	A23LGCESD050	A23LGCVSD050	A23LGPESD050	A23LGPVSD050	A23LGFESD050	A23LGFVSD050

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM	EPDM	FKM
Connection:	THREADED	THREADED	THREADED	THREADED	THREADED	THREADED	THREADED	THREADED
DN (mm)								
15	A23LGUEND015	A23LGUVND015	A23LGCEND015	A23LGCVND015	A23LGPEND015	A23LGPVND015	A23LGFEND015	A23LGFVND015
20	A23LGUEND020	A23LGUVND020	A23LGCEND020	A23LGCVND020	A23LGPEND020	A23LGPVND020	A23LGFEND020	A23LGFVND020
25	A23LGUEND025	A23LGUVND025	A23LGCEND025	A23LGCVND025	A23LGPEND025	A23LGPVND025	A23LGFEND025	A23LGFVND025
32	A23LGUEND032	A23LGUVND032	A23LGCEND032	A23LGCVND032	A23LGPEND032	A23LGPVND032	A23LGFEND032	A23LGFVND032
40	A23LGUEND040	A23LGUVND040	A23LGCEND040	A23LGCVND040	A23LGPEND040	A23LGPVND040	A23LGFEND040	A23LGFVND040
50	A23LGUEND050	A23LGUVND050	A23LGCEND050	A23LGCVND050	A23LGPEND050	A23LGPVND050	A23LGFEND050	A23LGFVND050

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM	EPDM	FKM
Connection:	SPIGOT	SPIGOT	SPIGOT	SPIGOT	SPIGOT	SPIGOT	SPIGOT	SPIGOT
DN (mm)								
15	A23LGUEPD015	A23LGUVPD015	A23LGCEPD015	A23LGCVPD015	A23LGPEPD015	A23LGPVPD015	A23LGFEPD015	A23LGFVPD015
20	A23LGUEPD020	A23LGUVPD020	A23LGCEPD020	A23LGCVPD020	A23LGPEPD020	A23LGPVPD020	A23LGFEPD020	A23LGFVPD020
25	A23LGUEPD025	A23LGUVPD025	A23LGCEPD025	A23LGCVPD025	A23LGPEPD025	A23LGPVPD025	A23LGFEPD025	A23LGFVPD025
32	A23LGUEPD032	A23LGUVPD032	A23LGCEPD032	A23LGCVPD032	A23LGPEPD032	A23LGPVPD032	A23LGFEPD032	A23LGFVPD032
40	A23LGUEPD040	A23LGUVPD040	A23LGCEPD040	A23LGCVPD040	A23LGPEPD040	A23LGPVPD040	A23LGFEPD040	A23LGFVPD040
50	A23LGUEPD050	A23LGUVPD050	A23LGCEPD050	A23LGCVPD050	A23LGPEPD050	A23LGPVPD050	A23LGFEPD050	A23LGFVPD050

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM	EPDM	FKM
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)								
15	A23LGUEFD015	A23LGUVFD015	A23LGCEFD015	A23LGCVFD015	A23LGPEFD015	A23LGPVFD015	A23LGFEFD015	A23LGFVFD015
20	A23LGUEFD020	A23LGUVFD020	A23LGCEFD020	A23LGCVFD020	A23LGPEFD020	A23LGPVFD020	A23LGFEFD020	A23LGFVFD020
25	A23LGUEFD025	A23LGUVFD025	A23LGCEFD025	A23LGCVFD025	A23LGPEFD025	A23LGPVFD025	A23LGFEFD025	A23LGFVFD025
32	A23LGUEFD032	A23LGUVFD032	A23LGCEFD032	A23LGCVFD032	A23LGPEFD032	A23LGPVFD032	A23LGFEFD032	A23LGFVFD032
40	A23LGUEFD040	A23LGUVFD040	A23LGCEFD040	A23LGCVFD040	A23LGPEFD040	A23LGPVFD040	A23LGFEFD040	A23LGFVFD040
50	A23LGUEFD050	A23LGUVFD050	A23LGCEFD050	A23LGCVFD050	A23LGPEFD050	A23LGPVFD050	A23LGFEFD050	A23LGFVFD050

AC - Air to Close (Spring to open / Fail safe open) (PN 10)

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM	EPDM	FKM
Connection:	SOCKET	SOCKET	SOCKET	SOCKET	SOCKET	SOCKET	SOCKET	SOCKET
DN (mm)								
15	A23LSUESD015	A23LSUVSD015	A23LSCESD015	A23LSCVSD015	A23LSPESD015	A23LSPVSD015	A23LSFESD015	A23LSFVSD015
20	A23LSUESD020	A23LSUVSD020	A23LSCESD020	A23LSCVSD020	A23LSPESD020	A23LSPVSD020	A23LSFESD020	A23LSFVSD020
25	A23LSUESD025	A23LSUVSD025	A23LSCESD025	A23LSCVSD025	A23LSPESD025	A23LSPVSD025	A23LSFESD025	A23LSFVSD025
32	A23LSUESD032	A23LSUVSD032	A23LSCESD032	A23LSCVSD032	A23LSPESD032	A23LSPVSD032	A23LSFESD032	A23LSFVSD032
40	A23LSUESD040	A23LSUVSD040	A23LSCESD040	A23LSCVSD040	A23LSPESD040	A23LSPVSD040	A23LSFESD040	A23LSFVSD040
50	A23LSUESD050	A23LSUVSD050	A23LSCESD050	A23LSCVSD050	A23LSPESD050	A23LSPVSD050	A23LSFESD050	A23LSFVSD050

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM	EPDM	FKM
Connection:	THREADED	THREADED	THREADED	THREADED	THREADED	THREADED	THREADED	THREADED
DN (mm)								
15	A23LSUEND015	A23LSUVND015	A23LSCEND015	A23LSCVND015	A23LSPEND015	A23LSPVND015	A23LSFEND015	A23LSFVND015
20	A23LSUEND020	A23LSUVND020	A23LSCEND020	A23LSCVND020	A23LSPEND020	A23LSPVND020	A23LSFEND020	A23LSFVND020
25	A23LSUEND025	A23LSUVND025	A23LSCEND025	A23LSCVND025	A23LSPEND025	A23LSPVND025	A23LSFEND025	A23LSFVND025
32	A23LSUEND032	A23LSUVND032	A23LSCEND032	A23LSCVND032	A23LSPEND032	A23LSPVND032	A23LSFEND032	A23LSFVND032
40	A23LSUEND040	A23LSUVND040	A23LSCEND040	A23LSCVND040	A23LSPEND040	A23LSPVND040	A23LSFEND040	A23LSFVND040
50	A23LSUEND050	A23LSUVND050	A23LSCEND050	A23LSCVND050	A23LSPEND050	A23LSPVND050	A23LSFEND050	A23LSFVND050

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM	EPDM	FKM
Connection:	SPIGOT	SPIGOT	SPIGOT	SPIGOT	SPIGOT	SPIGOT	SPIGOT	SPIGOT
DN (mm)								
15	A23LSUEPD015	A23LSUVPD015	A23LSCEPD015	A23LSCVPD015	A23LSPEPD015	A23LSPVPD015	A23LSFEPD015	A23LSFVPD015
20	A23LSUEPD020	A23LSUVPD020	A23LSCEPD020	A23LSCVPD020	A23LSPEPD020	A23LSPVPD020	A23LSFEPD020	A23LSFVPD020
25	A23LSUEPD025	A23LSUVPD025	A23LSCEPD025	A23LSCVPD025	A23LSPEPD025	A23LSPVPD025	A23LSFEPD025	A23LSFVPD025
32	A23LSUEPD032	A23LSUVPD032	A23LSCEPD032	A23LSCVPD032	A23LSPEPD032	A23LSPVPD032	A23LSFEPD032	A23LSFVPD032
40	A23LSUEPD040	A23LSUVPD040	A23LSCEPD040	A23LSCVPD040	A23LSPEPD040	A23LSPVPD040	A23LSFEPD040	A23LSFVPD040
50	A23LSUEPD050	A23LSUVPD050	A23LSCEPD050	A23LSCVPD050	A23LSPEPD050	A23LSPVPD050	A23LSFEPD050	A23LSFVPD050

Body:	PVC-U	PVC-U	PVC-C	PVC-C	PP	PP	PVDF	PVDF
Seal:	EPDM	FKM	EPDM	FKM	EPDM	FKM	EPDM	FKM
Connection:	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED	FLANGED
DN (mm)								
15	A23LSUEFD015	A23LSUVFD015	A23LSCEFD015	A23LSCVFD015	A23LSPEFD015	A23LSPVFD015	A23LSFEFD015	A23LSFVFD015
20	A23LSUEFD020	A23LSUVFD020	A23LSCEFD020	A23LSCVFD020	A23LSPEFD020	A23LSPVFD020	A23LSFEFD020	A23LSFVFD020
25	A23LSUEFD025	A23LSUVFD025	A23LSCEFD025	A23LSCVFD025	A23LSPEFD025	A23LSPVFD025	A23LSFEFD025	A23LSFVFD025
32	A23LSUEFD032	A23LSUVFD032	A23LSCEFD032	A23LSCVFD032	A23LSPEFD032	A23LSPVFD032	A23LSFEFD032	A23LSFVFD032
40	A23LSUEFD040	A23LSUVFD040	A23LSCEFD040	A23LSCVFD040	A23LSPEFD040	A23LSPVFD040	A23LSFEFD040	A23LSFVFD040
50	A23LSUEFD050	A23LSUVFD050	A23LSCEFD050	A23LSCVFD050	A23LSPEFD050	A23LSPVFD050	A23LSFEFD050	A23LSFVFD050

Compact Ball Valve Type 27 - Pneumatic actuated Type AR

One-Click removing key

Model:

- Super compact design
- Extreme lightweight plastic actuator
- One-Click connection (no screws)
- Long lasting
- PN 10 bars
- DA, AC or AO
- Position indicator
- NAMUR air connection
- Standard: DIN (European)
- Comes with removing key

Option:

- Lubricant free
- Other standards: ANSI, JIS
- See accessories

DA - Double Acting (PN 10)

Body:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-C	PVC-C	PVC-C	PVC-C
Seal:	EPDM	EPDM	FKM	FKM	EPDM	EPDM	FKM	FKM
Connection:	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED
DN (mm)								
15	A7BLFUESD015	A7BLFUEND015	A7BLFUVSD015	A7BLFUVND015	A7BLFCESD015	A7BLFCEND015	A7BLFCVSD015	A7BLFCVND015
20	A7BLFUESD020	A7BLFUEND020	A7BLFUVSD020	A7BLFUVND020	A7BLFCESD020	A7BLFCEND020	A7BLFCVSD020	A7BLFCVND020
25	A7BLFUESD025	A7BLFUEND025	A7BLFUVSD025	A7BLFUVND025	A7BLFCESD025	A7BLFCEND025	A7BLFCVSD025	A7BLFCVND025
32	A7BLFUESD032	A7BLFUEND032	A7BLFUVSD032	A7BLFUVND032	A7BLFCESD032	A7BLFCEND032	A7BLFCVSD032	A7BLFCVND032
40	A7BLFUESD040	A7BLFUEND040	A7BLFUVSD040	A7BLFUVND040	A7BLFCESD040	A7BLFCEND040	A7BLFCVSD040	A7BLFCVND040
50	A7BLFUESD050	A7BLFUEND050	A7BLFUVSD050	A7BLFUVND050	A7BLFCESD050	A7BLFCEND050	A7BLFCVSD050	A7BLFCVND050

AO - Air to Open (Spring to close / Fail safe close) (PN 10)

Body:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-C	PVC-C	PVC-C	PVC-C
Seal:	EPDM	EPDM	FKM	FKM	EPDM	EPDM	FKM	FKM
Connection:	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED
DN (mm)								
15	A7BLGUESD015	A7BLGUEND015	A7BLGUVSD015	A7BLGUVND015	A7BLGCESD015	A7BLGCEND015	A7BLGCVSD015	A7BLGCVND015
20	A7BLGUESD020	A7BLGUEND020	A7BLGUVSD020	A7BLGUVND020	A7BLGCESD020	A7BLGCEND020	A7BLGCVSD020	A7BLGCVND020
25	A7BLGUESD025	A7BLGUEND025	A7BLGUVSD025	A7BLGUVND025	A7BLGCESD025	A7BLGCEND025	A7BLGCVSD025	A7BLGCVND025
32	A7BLGUESD032	A7BLGUEND032	A7BLGUVSD032	A7BLGUVND032	A7BLGCESD032	A7BLGCEND032	A7BLGCVSD032	A7BLGCVND032
40	A7BLGUESD040	A7BLGUEND040	A7BLGUVSD040	A7BLGUVND040	A7BLGCESD040	A7BLGCEND040	A7BLGCVSD040	A7BLGCVND040
50	A7BLGUESD050	A7BLGUEND050	A7BLGUVSD050	A7BLGUVND050	A7BLGCESD050	A7BLGCEND050	A7BLGCVSD050	A7BLGCVND050

AC - Air to Close (Spring to open / Fail safe open) (PN 10)

Body:	PVC-U	PVC-U	PVC-U	PVC-U	PVC-C	PVC-C	PVC-C	PVC-C
Seal:	EPDM	EPDM	FKM	FKM	EPDM	EPDM	FKM	FKM
Connection:	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED	SOCKET	THREADED
DN (mm)								
15	A7BLSUESD015	A7BLSUEND015	A7BLSUVSD015	A7BLSUVND015	A7BLSCESD015	A7BLSCEND015	A7BLSCVSD015	A7BLSCVND015
20	A7BLSUESD020	A7BLSUEND020	A7BLSUVSD020	A7BLSUVND020	A7BLSCESD020	A7BLSCEND020	A7BLSCVSD020	A7BLSCVND020
25	A7BLSUESD025	A7BLSUEND025	A7BLSUVSD025	A7BLSUVND025	A7BLSCESD025	A7BLSCEND025	A7BLSCVSD025	A7BLSCVND025
32	A7BLSUESD032	A7BLSUEND032	A7BLSUVSD032	A7BLSUVND032	A7BLSCESD032	A7BLSCEND032	A7BLSCVSD032	A7BLSCVND032
40	A7BLSUESD040	A7BLSUEND040	A7BLSUVSD040	A7BLSUVND040	A7BLSCESD040	A7BLSCEND040	A7BLSCVSD040	A7BLSCVND040
50	A7BLSUESD050	A7BLSUEND050	A7BLSUVSD050	A7BLSUVND050	A7BLSCESD050	A7BLSCEND050	A7BLSCVSD050	A7BLSCVND050

Accessories and options for pneumatic actuator Type AR DN 15-50

- **Air filter regulator with pressure indicator**

・With mounting part and adjustment
・Model: ARU2-02-8A-G

Filter regulator and Solenoid valve

- **Solenoid valve**

・With mounting part and adjustment
・100VAC, 110VAC, 200VAC, 220VAC, 24VDC

Water proof type

・Model: 4N3S102K-W*-G31193

Explosion proof type ; IP65 d2G4

・Model: 4N4S102K-E1-H*BO

- **Mounting part set for Solenoid valve**

Needed for NAMUR Solenoid valve for;
・Air to open and Air to close DN 15-25
・Double acting DN15-32

- **Limit switch box**

・With mounting part and adjustment

Water proof type

・Model: CFC-6301, CFC-6302

- **Open/close counter**

・With mounting part and adjustment

- **Mounting part set for Limit switch box & Open/close counter**

Needed for:
・Limit switch box DN 15-32
・Open/close counter DN 15-32

- **Speed controller**

- **Full opening adjustment**

・With bolt cover

- **Bypass valve**

- **Positioner**

・With mounting part and adjustment
・Model: 4-20mA
・Model: YT-1000L

For further accessories, please contact us.

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