

SXE Easyfit

DN 10÷50



True Union Ball Check Valve

Body materials

PVC-U
PVC-C*

Seals materials

EPDM
FKM

Accessories

Customisation Set (LSE)
Easyfit Multifunctional handle (HAVXE)
Easytorque Kit (KET01)

* available only in selected countries, please ask your commercial contact

d [mm]		16	20	25	32	40	50	63	
DN [mm]		10	15	20	25	32	40	50	
SIZE [inch]		3/8"	1/2"	3/4"	1"	1" 1/4"	1" 1/2"	2"	Type
ISO-DIN metric series plain female ends	PVC-U	•	•	•	•	•	•	•	SXEIV
	PVC-C	•	•	•	•	•	•	•	SXEIC
BSP series threaded female ends	PVC-U	•	•	•	•	•	•	•	SXEJV
BS socket welding	PVC-U	n.a.	•	•	•	•	•	•	SXELV
ASTM series plain female ends	PVC-U	n.a.	•	•	•	•	•	•	SXEAV
	PVC-C	n.a.	•	•	•	•	•	•	SXEAC
NPT series threaded female ends	PVC-U	n.a.	•	•	•	•	•	•	SXENV
	PVC-C	n.a.	•	•	•	•	•	•	SXENC
JIS series plain female ends	PVC-U	n.a.	•	•	•	•	•	•	SXEJV
JIS series threaded female ends	PVC-U	n.a.	•	•	•	•	•	•	SXEGV
Flanged JISK10	PVC-U	n.a.	o.r.	o.r.	o.r.	o.r.	o.r.	o.r.	SXEOJV
	PVC-C	n.a.	o.r.	o.r.	o.r.	o.r.	o.r.	o.r.	SXEOJC
BW Long spigot male ends for butt welding with PE100 SDR 11	PVC-U	n.a.	•	•	•	•	•	•	SXEBEV
PN [bar]	PVC-U	16	16	16	16	16	16	16	
16 bar = 232 psi	PVC-C	16	16	16	16	16	16	16	
Kv100 [l/min]		172	152	258	433	643	928	1343	

Notes: n.a.= not available, o.r.= on request (not in standard production)

Multifunctional handle and Easytorque Kit



Nuts tightening

Easytorque kit is the innovative tool designed by FIP for optimal tightening and adjustment of all threaded components of the Easyfit valves (carriers and nuts) applying a defined and repeatable torque.

The use of the Easytorque wrench is recommended to minimize mechanical stresses on thermoplastic threads, preventing fluid leakage, optimizing ball valve operation and minimizing the wear out of the elastomeric seals. The use of the Easyfit torque wrench as well as the multifunctional handle also avoids non specific tools causing union nut accidental damaging.



Ball Seat Carrier adjustment

Easyfit Labelling System

Easyfit Labelling System helps you to customize valves with company brands, serial or identifying numbers or service information such as the function of the valve inside the plant, the conveyed fluid, but also specific information for after selling customer service, such as the customer's name, or date and place of the installation.



More details on www.fipnet.com/fip-labelling-system/

SXE Easyfit DN 65÷100



True Union Ball Check Valve

Body materials

PVC-U
PVC-C *

Seals materials

EPDM
FKM

Accessories

Customisation Set (LSE)
Easyfit Multifunctional handle (HSVXE)

* available only in selected countries, please ask your commercial contact

d [mm]		75	90	110	
DN [mm]		65	80	100	
SIZE [inch]		2" 1/2	3"	4"	Type
ISO-DIN metric series plain female ends	PVC-U	•	•	•	SXEIV
	PVC-C	•	•	•	SXEIC
BSP series threaded female ends	PVC-U	•	•	•	SXEIV
	PVC-C	•	•	•	SXEFC
BS socket welding	PVC-U	•	•	•	SXELV
ASTM series plain female ends	PVC-U	•	•	•	SXEAV
	PVC-C	•	•	•	SXEAC
NPT series threaded female ends	PVC-U	•	•	•	SXENV
	PVC-C	•	•	•	SXENC
JIS series plain female ends	PVC-U	•	•	•	SXEJV
JIS series threaded female ends	PVC-U	•	•	•	SXEGV
Flanged JIS K10	PVC-U	o. r.	o. r.	o. r.	SXEOJV
	PVC-C	o. r.	o. r.	o. r.	SXEOJC
BW Long spigot male ends for butt welding with PE100 SDR 11	PVC-U	•	•	•	SXEBEV
PN [bar] 16 bar = 232 psi 10 bar = 150 psi	PVC-U	16	16	16	
	PVC-C	16	16	16	
Kv 100 [l/min]		2586	3444	5093	
Minimum back pressure [bar] for drop tight service (valve in orizontal position)	PVC-U	0,2	0,2	0,2	
	PVC-C	0,2	0,2	0,2	

Notes: o.r.= on request (not in standard production)

Multifunctional handle



Nuts tightening

The Easyfit multifunctional handle DN 65÷100 is fully compatible with SXE valve and it can be used to tighten or untighten union nuts as well as to disassembly and re-install the main seal carrier of the valve. The handle can be turned into a wrench key for tightening or loosening the union nuts simply engaging the insert housed inside it in the appropriate seat. The tool so composed is extremely rugged and light at the same time offering an excellent ergonomic grip. The insert design engages perfectly on the external profile of the union nuts with a secure grip allowing to exercise a high torque without damaging the nuts in any way. The handle can also be used as a tool for disassembly, assembly or adjustment of the support of the ball seat carrier. For this function, once removed the handle from the hub enter the two upper protrusions into the appropriate slots of the seat carrier to screw or unscrew it.

Easyfit Labelling System



Ball Seat Carrier adjustment

Easyfit Labelling System helps you to customize valves with company brands, serial or identifying numbers or service information such as the function of the valve inside the plant, the conveyed fluid, but also specific information for after selling customer service, such as the customer's name, or date and place of the installation.



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SSE Easyfit

DN 10÷50



True Union spring Check valve

Body materials

PVC-U
PVC-C

Seals materials

EPDM
FKM

Spring Material

Stainless Steel 316
Hastelloy C276 (only for DN10-25)
A316 PTFE encapsulated (only from DN 32 to DN 50)

Accessories

Customisation Set (LSE)
Easyfit Multifunctional handle (HSVXE)

d [mm]		16	20	25	32	40	50	63	
DN [mm]		10	15	20	25	32	40	50	
SIZE [inch]		3/8"	1/2"	3/4"	1"	1" 1/4"	1" 1/2"	2"	Type
ISO-DIN metric series plain female ends	PVC-U	•	•	•	•	•	•	•	SSEIV
	PVC-C	•	•	•	•	•	•	•	SSEIC
BSP series threaded female ends	PVC-U	•	•	•	•	•	•	•	SSEFV
BS socket welding	PVC-U	n.a.	•	•	•	•	•	•	SSELV
ASTM series plain female ends	PVC-U	n.a.	•	•	•	•	•	•	SSEAV
	PVC-C	n.a.	•	•	•	•	•	•	SSEAC
NPT series threaded female ends	PVC-U	•	•	•	•	•	•	•	SSENV
JIS series plain female ends	PVC-U	n.a.	•	•	•	•	•	•	SSEJV
JIS series threaded female ends	PVC-U	n.a.	•	•	•	•	•	•	SSEGV
Flanged JIS K10	PVC-U	n.a.	o. r.	o. r.	o. r.	o. r.	o. r.	o. r.	SSEOJV
	PVC-C	n.a.	o. r.	o. r.	o. r.	o. r.	o. r.	o. r.	SSEOJC
BW Long spigot male ends for butt welding with PE100 SDR 11	PVC-U	n.a.	•	•	•	•	•	•	SSEBV
PN [bar] 16 bar = 232 psi 10 bar = 150 psi	PVC-U	16	16	16	16	16	16	16	
	PVC-C	16	16	16	16	16	16	16	
Kv100 [l/min]		172	152	258	433	643	928	1343	
Minimum back pressure [bar] for drop tight service (valve in horizontal position)	PVC-U	0,08	0,08	0,08	0,08	0,08	0,08	0,08	
	PVC-C	0,08	0,08	0,08	0,08	0,08	0,08	0,08	

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Multifunctional handle



Nuts tightening

The Easyfit multifunctional handle is fully compatible with SSE valves and it can be used to tighten or untighten union nuts. The use of the multifunctional handle is recommended to minimize mechanical stresses on thermoplastic threads, preventing fluid leakage, optimizing ball valve operation and minimizing the wear out of the elastomeric seals. It also avoids non specific tools causing union nut accidental damaging.

Easyfit Labelling System

Easyfit Labelling System helps you to customize valves with company brands, serial or identifying numbers or service information such as the function of the valve inside the plant, the conveyed fluid, but also specific information for after selling customer service, such as the customer's name, or date and place of the installation.



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SSE Easyfit

DN 65÷100



True Union Spring Check Valve

Body materials

PVC-U
PVC-C

Seals materials

EPDM
FKM

Spring Material

Stainless Steel 316
A316 PTFE encapsulated

Accessories

Customisation Set (LSE)
Easyfit Multifunctional handle (HSVXE)

d [mm]		16	20	63	
DN [mm]		10	15	50	
SIZE [inch]		3/8"	1/2"	2"	Type
ISO-DIN metric series	PVC-U	•	•	•	SSEIV
plain female ends	PVC-C	•	•	•	SSEIC
BSP series	PVC-U	•	•	•	SSEFV
threaded female ends					
BS socket welding	PVC-U	•	•	•	SSELV
ASTM series	PVC-U	•	•	•	SSEAV
plain female ends	PVC-C	•	•	•	SSEAC
NPT series	PVC-U	•	•	•	SSENV
threaded female ends					
JIS series	PVC-U	•	•	•	SSEJV
plain female ends					
JIS series	PVC-U	•	•	•	SSEGV
threaded female ends					
Flanged JIS K10	PVC-U	o. r.	o. r.	o. r.	SSEOJV
	PVC-C	o. r.	o. r.	o. r.	SSEOJC
BW Long spigot male ends for butt welding with PE100 SDR 11	PVC-U	•	•	•	SSEBEV
PN [bar]	PVC-U	16	16	16	
16 bar = 232 psi	PVC-C	16	16	16	
10 bar = 150 psi					
Kv100 [l/min]		2586	3444	5093	
Minimum back pressure [bar] for drop tight service (valve in horizontal position)	PVC-U	0,08	0,08	0,08	
	PVC-C	0,08	0,08	0,08	

o.r.= on request (not in standard production)

Multifunctional handle



Nuts tightening

The Easyfit multifunctional handle DN65÷100 is fully compatible with SSE valve and it can be used to tighten or untighten union nuts as well as to disassembly and re-install the main seal carrier of the valve. The handle can be turned into a wrench key for tightening or loosening the union nuts simply engaging the insert housed inside it in the appropriate seat. The tool so composed is extremely rugged and light at the same time offering an excellent ergonomic grip. The insert design engages perfectly on the external profile of the union nuts with a secure grip allowing to exercise a high torque without damaging the nuts in any way. The handle can also be used as a tool for disassembly, assembly or adjustment of the support of the ball seat carrier. For this function, once removed the handle from the hub enter the two upper protrusions into the appropriate slots of the seat carrier to screw or unscrew it.

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Pressure /Temperature rating for water and harmless fluids to which the material is resistant.
 In the other cases a reduction of the rated PN is required.

