






BVX SERIES

BALL CHECK VALVE



DN32 - DN65 | PN16

-  High-efficiency flow design
-  Corrosion-resistant GGG50 ductile iron
-  Low pressure loss

MADE IN TURKIYE

www.kenendustri.com

BVX SERIES

TECHNICAL DATA



Designed in accordance with the Pressure Equipment Directive (PED) 2014/68/EU under Sound Engineering Practice (SEP).

INTERNAL DESIGN & ENGINEERING ADVANTAGES

KEN BVX Series ball check valves are compact, high-performance flow control devices designed to prevent backflow in vertical piping systems. Thanks to their optimized internal geometry, they provide low pressure loss, quiet operation, and long service life.



QUIET OPERATION

Noise generated by the movement of the ball under system pressure is absorbed and minimized.



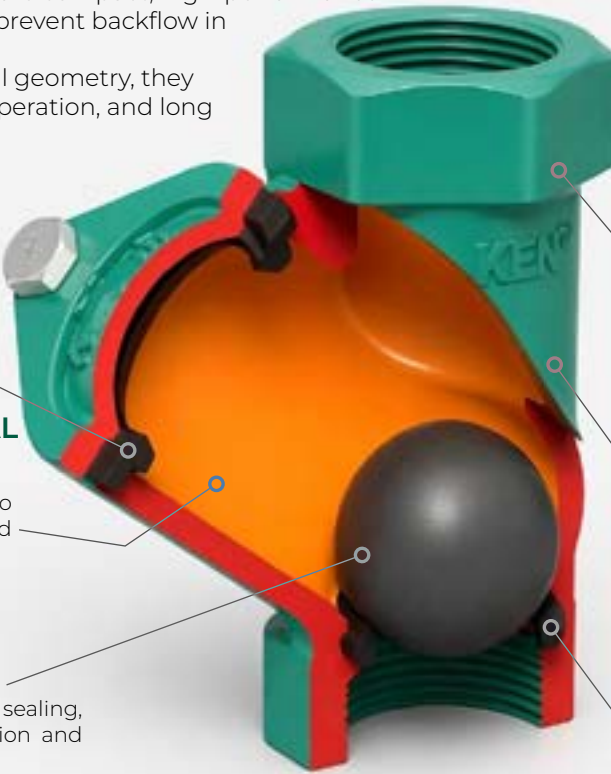
OPTIMIZED INTERNAL DESIGN

Minimizes fluid turbulence to provide low pressure loss and high efficiency.



NBR COVERED BALL

Its design ensures complete sealing, while delivering quiet operation and effective shock absorption.



GGG50 DUCTILE IRON BODY

The ductile iron body ensures high mechanical strength and long-term durability.



EPOXY POWDER COATING

The ductile iron body ensures high mechanical strength and long-lasting durability.



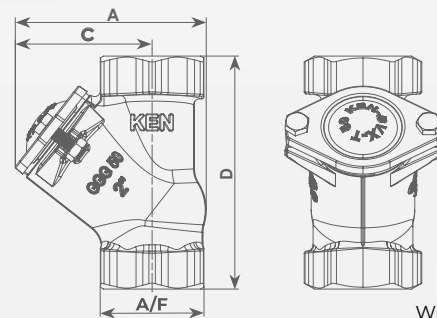
DEPENDABLE SEALING

The specially designed support system ensures maximum sealing performance and low noise operation.

TECHNICAL DATA

Nominal Diameter	DN 32 - DN 65
Pressure Rating	PN 16
Connection Type	Threaded BSP (ISO 228-1)
Body Material	GGG50 Ductile Iron
Coating	Epoxy 200-250 µm
Ball	NBR (EN 681-1)
Lower/Upper Support	NBR (EN 681-1)
Fluid Type	Clean Water/Wastewater
Temperature Range	0°C to +80°C
Flow Direction	Unidirectional (Upward Flow)
Design Standard	EN 1074-3
Test Standard	EN 12266-1

DIMENSIONS (mm)



Wrench Size (A/F)

PRODUCT CODE	CONNECTION SIZE	A	A/F	C	D	WEIGHT (kg)
BVX-T-32	DN 32 / 1 ¼"	100	60	75	140	1,5
BVX-T-40	DN 40 / 1 ½"	120	70	90	140	2,1
BVX-T-50	DN 50 / 2"	150	80	105	180	3,8
BVX-T-65	DN 65 / 2 ½"	170	90	124	200	4,7

FIELDS OF APPLICATION



STANDARDS & COMPLIANCE

BVX Series check valves are designed in accordance with the Pressure Equipment Directive (PED) 2014/68/EU under Sound Engineering Practice (SEP), and are manufactured and tested in compliance with EN 1074-3 and EN 12266-1 standards.



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