

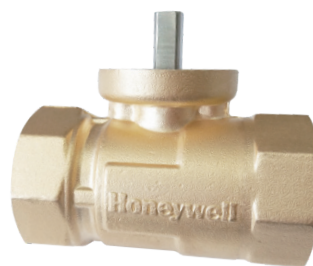
VBA16P SERIES

TWO-WAY CONTROL BALL VALVE

- Equal percentage flow characteristic
- Low leakage rate
- Low driving torque
- Stainless steel ball and stem
- Straight through flow with reduced flow resistance
- High flow capacity

SYSTEM OVERVIEW

The VBA16P-series of two-way control ball valves can be used in the HVAC water systems of commercial and public buildings to achieve modulating or On/Off control



DN20-DN50



DN65-DN80

Technical Specification

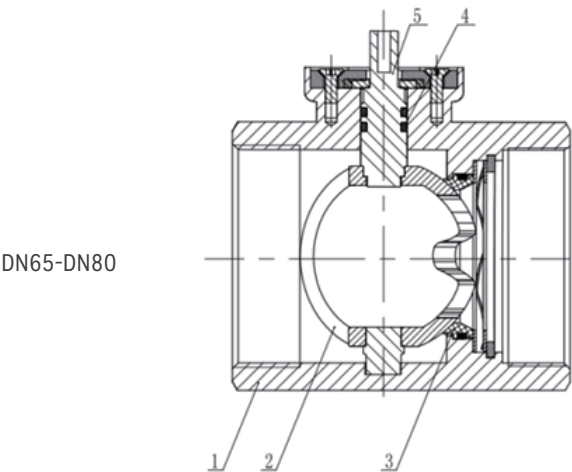
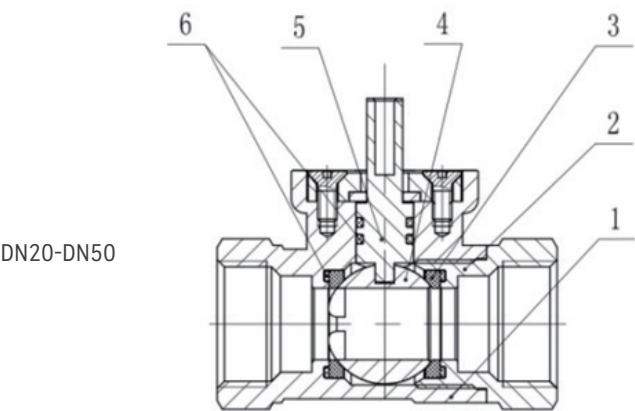
Size	DN20-80
Nominal pressure	PN16
Flow characteristics	Equal percentage
Rangeability	100:1
Leakage rate	≤0.01% Kvs of (ANSI/FCI 70-2 Class IV)
Threaded connection	BSPP
Medium	Hot and cold water or neutral liquid
Medium temperature	5°C-120°C

KVs and close-off pressure

Size (mm)	Model	Flow coefficient Kvs(m³/h)	Close-off pressure (KPa)	Actuator torque (N•m)
20	VBA16P020	6.3	1600	5(MVN..05..)
25	VBA16P025	10	1600	5(MVN..05..)
32	VBA16P032	16	1600	5(MVN..05..)
40	VBA16P040	26	1600	10(MVN..10..)
50	VBA16P050	41	1600	10(MVN..10..)
65	VBA16P065	51	1600	20(MVN..20)
80	VBA16P080	81	1600	20(MVN..20)

Structure

MATERIAL LIST (DN20-DN50)		
NO.	DESCRIPTION	MATERIAL
1	Valve body	Brass HPb59-1
2	Cap	Brass HPb59-1
3	Seat	PTFE
4	Ball	Stainless steel
5	Stem	Stainless Steel
6	Sealing ring	FPM



MATERIAL LIST (DN65-DN80)		
NO.	DESCRIPTION	MATERIAL
1	Valve body	Brass HPb59-1
2	Ball	Stainless Steel
3	Seat	PTFE
4	Sealing ring	FPM
5	Stem	Stainless Steel

For more information,
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