

HIGH RANGEABILITY CONTROL BALL VALVES



FEATURES

- Brass construction
- Simple, rugged construction
- High rangeability/turn-down-ratio, above 300 (*Normal Valves-50*)
- Direct connection to rotary actuator
- Available in 2way
- Sizes 15mm to 32mm nominal diameter

TYPE SUMMARY

Type	Dia mm	K _{vs} m ³ /h
_S 15	15	5
_S 20	20	8
_S 25	25	12.5
_S 32	32	20

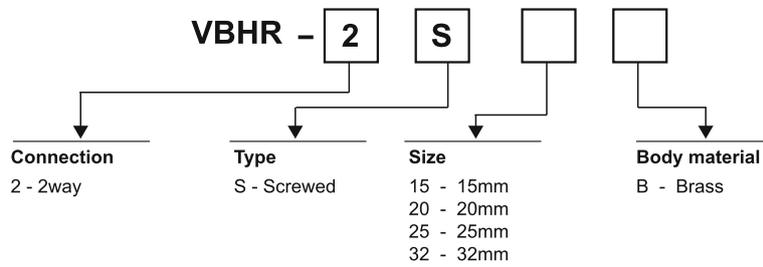
BENEFITS

- Can be used against high differential pressure, closer to pump.
- Prevents energy wastage
- Very low leakage

TECHNICAL DATA

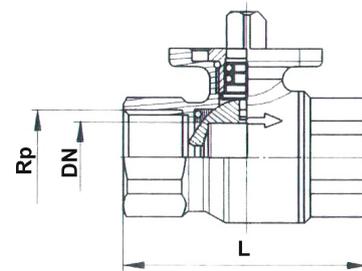
Model	:	VBHR
Material		
Valve body	:	Brass
Ball	:	Brass, Chrome Plated
Spindle	:	Stainless steel
Spindle packing	:	O-ring (nitrile)
Rangeability	:	>300
Nominal pressure	:	PN25
Max. admissible pressure differential	:	16 Bar
Mounting position	:	Horizontal or vertical (Do not mount with spindle downwards)
Angle of rotation	:	90°
Media	:	Hot, Cold, glycol-mixed water
Fluid Temperature	:	(-)10° - 110°C

MODEL DESIGNATION



INSTALLATION AND COMMISSIONING

Ensure that the position and rotation of the Ball complies with the hydraulic circuit of the installation.



DIMENSIONS

With screwed connections:

DN	NB	L	H1	H2
15	1/2"	60	27.5	38
20	3/4"	68	30.5	41
25	1"	81	38.0	48.5
32	1 1/4"	95	41.5	52

NOTE :

- All dimensions are in mm

