

PN40

VKR/BKR ball valves of DZR brass. AKM and AKF rotary actuators with 90° angle of rotation.



Model series		AKM					AKF					
Type		105	115	115S	115S	112	113	113S				
Version		F100	F120	F122	F132	F152	F120	F122	F122	F122		
Power supply	230 V a.c.	•	•				•					
	24 V a.c.			•	•	•		•	•	•	•	•
	24 V d.c.				•	•		•	•	•	•	•
Running time	6 s					•						
	35 s	•										
	60 s					•						
	120 s		•	•	•	•						
Return time	90 s						•	•	•	•	•	•
	15 s						•	•	•	•	•	•
	Control signal	2-point	•	•	•	•	•	•				
Characteristic	3-point	•	•	•	•	•			•			
	0...10 V				•	•						•
	equal-percentage	•	•	•	•	•	•	•	•	•	•	•
	linear											
Spring return	quadratic				•							
	normally closed						•	•	•	•	•	•
	normally open						•	•	•	•	•	•

Ball valve with ISO female thread, of DZR cast brass, PN40, and equal-percentage characteristic

	Type	DN	Connection	Kvs (m³/h)	Δpmax (bar)								
2-way -10 °C...+130 °C	VKRO15F350-FF	15	Rp 1/2	1	1.8	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	VKRO15F340-FF	15	Rp 1/2	1.6	1.8	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	VKRO15F330-FF	15	Rp 1/2	2.5	1.8	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	VKRO15F320-FF	15	Rp 1/2	4	1.8	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	VKRO15F310-FF	15	Rp 1/2	6.3	1.8	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	VKRO15F300-FF	15	Rp 1/2	10	1.8	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	VKRO20F320-FF	20	Rp 3/4	4	1.8	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	VKRO20F310-FF	20	Rp 3/4	6.3	1.8	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	VKRO20F300-FF	20	Rp 3/4	10	1.8	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	VKRO25F320-FF	25	Rp 1	6.3	1.8	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	VKRO25F310-FF	25	Rp 1	10	1.8	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	VKRO25F300-FF	25	Rp 1	16	1.8	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	VKRO32F320-FF	32	Rp 1 1/4	10	1.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	VKRO32F310-FF	32	Rp 1 1/4	16	1.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	VKRO32F300-FF	32	Rp 1 1/4	25	1.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	VKRO40F320-FF	40	Rp 1 1/2	16	1.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	VKRO40F310-FF	40	Rp 1 1/2	25	1.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	VKRO40F300-FF	40	Rp 1 1/2	40	1.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
VKRO50F320-FF	50	Rp 2	25	1.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	
VKRO50F310-FF	50	Rp 2	40	1.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	
VKRO50F300-FF	50	Rp 2	63	1.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	
3-way -10 °C...+130 °C	BKRO15F340-FF	15	Rp 1/2	1.6	1.8	2	2	2	2	2	2	2	2
	BKRO15F330-FF	15	Rp 1/2	2.5	1.8	2	2	2	2	2	2	2	2
	BKRO15F320-FF	15	Rp 1/2	4	1.8	2	2	2	2	2	2	2	2
	BKRO20F320-FF	20	Rp 3/4	4	1.8	2	2	2	2	2	2	2	2
	BKRO20F310-FF	20	Rp 3/4	6.3	1.8	2	2	2	2	2	2	2	2
	BKRO25F320-FF	25	Rp 1	6.3	1.8	2	2	2	2	2	2	2	2
	BKRO25F310-FF	25	Rp 1	10	1.8	2	2	2	2	2	2	2	2
	BKRO32F310-FF	32	Rp 1 1/4	16	1.2	2	2	2	2	2	2	2	2
	BKRO40F310-FF	40	Rp 1 1/2	25	1.2	2	2	2	2	2	2	2	2
	BKRO50F310-FF	50	Rp 2	40	1.2	2	2	2	2	2	2	2	2

Ball valves with NPT female thread in version VKROxx F3xx-MM

Accessories

Screw fitting of brass, flat sealing, male/female thread

Type	DN	Connection
0560283 015	15	G 1B / Rp 1/2
0560283 020	20	G 1 1/4B / Rp 3/4
0560283 025	25	G 1 1/2B / Rp 1
0560283 032	32	G 2B / Rp 1 1/4
0560283 040	40	G 2 1/4B / Rp 1 1/2
0560283 050	50	G 2 3/4B / Rp 2

Dirt trap of gunmetal, -10...150 °C

Type	DN	Description
0560332 015	15	Mesh size 0.5 mm
0560332 020	20	Mesh size 0.8 mm
0560332 025	25	Mesh size 0.8 mm
0560332 032	32	Mesh size 0.8 mm
0560332 040	40	Mesh size 0.8 mm
0560332 050	50	Mesh size 0.8 mm