



Ball Valve

The ball valve of series SBV is applicable for commercial air conditioner, freezing or deep-freezing equipment or other refrigeration circuits in order to open and to shut off inner flow path by operating the valve stem. It can also be used as service valve for vacuum pumping and refrigerant injection etc.



FEATURES

- STRAIGHTWAY TYPE, FULL PORT, LOW PRESSURE DROP , COST-EFFECTIVE
- OPTIONAL WITH REINFORCED SPRING
- VALVE BODY AND VALVE SEAT WITH WELDED STRUCTURE, WITH HIGH PRODUCT RELIABILITY
- ROTATE 1/4 CIRCLES FROM FULL-OPEN TO FULL-CLOSE, EASY TO OPERATE
- BIDIRECTIONAL FLOW
- ROTATION STOP ON REQUEST FOR FULL-OPEN AND FULL-CLOSE OF THE VALVE
- SPECIAL SEALING MATERIALS TO PREVENT INTERNAL LEAKAGE

GENERAL SPECIFICATIONS

- Applicable for all common HCFC and HFC refrigerants such as: R22, R134a, R404A, R407C, R410A, R507A ...
- Medium temperature TS min./max.: -40°C / +120°C
- Max. operating pressure PS: 4,5 MPa (45 bar)
- Installation position: liquid, suction and discharge line in all directions
- Certifications: UL/CSA and PED declaration



SANHUA SBV SERIES Ball Valve

GENERAL CHARACTERISTICS

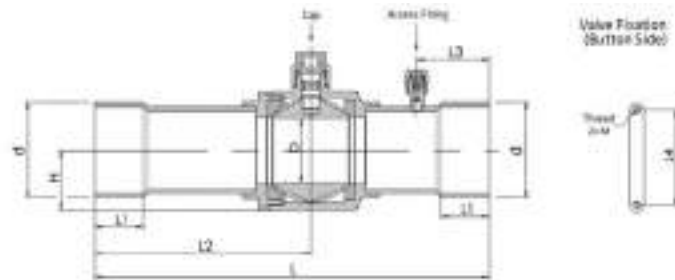
Without Access Fitting		Connections Ø d ODF		Kv	Wrench Size Cap	PED category	With Access Fitting	
Model	Part Number	[inch]	[mm]	[m ³ /h]	[mm]		Model	Part Number
SBV(M)-A2YHSY-2-S	SBV-13001	-	6	1,9	14	3.3	SBV(M)-JA2YHSY-2-S	SBV-13019
SBV(M)-A2YHSY-1-S	SBV-13002	1/4	-	1,9	14	3.3	SBV(M)-JA2YHSY-1-S	SBV-13020
SBV(M)-A3YHSY-2-S	SBV-13037	3/8	-	5,5	14	3.3	SBV(M)-JA3YHSY-2-S	SBV-13039
SBV(M)-A3YHSY-1-S	SBV-13003	-	10	5,5	14	3.3	SBV(M)-JA3YHSY-1-S	SBV-13021
SBV(M)-A4YHSY-2-S	SBV-13004	-	12	10,2	14	3.3	SBV(M)-JA4YHSY-2-S	SBV-13022
SBV(M)-A4YHSY-1-S	SBV-13005	1/2	-	10,2	14	3.3	SBV(M)-JA4YHSY-1-S	SBV-13023
SBV(M)-A5YHSY-2-S	SBV-13006	-	15	13,2	14	3.3	SBV(M)-JA5YHSY-2-S	SBV-13024
SBV(M)-A5YHSY-1-S	SBV-13007	5/8	16	13,8	14	3.3	SBV(M)-JA5YHSY-1-S	SBV-13025
SBV(M)-A6YHSY-2-S	SBV-13008	-	18	19,5	17	3.3	SBV(M)-JA6YHSY-2-S	SBV-13026
SBV(M)-A6YHSY-1-S	SBV-13009	3/4	-	19,5	17	3.3	SBV(M)-JA6YHSY-1-S	SBV-13027
SBV(M)-A7YHSY-1-S	SBV-13010	7/8	22	28,0	17	3.3	SBV(M)-JA7YHSY-1-S	SBV-13028
SBV(M)-A9YHSY-2-S	SBV-13011	-	28	51,5	17	3.3	SBV(M)-JA9YHSY-2-S	SBV-13029
SBV(M)-A9YHSY-1-S	SBV-13012	1 1/8	-	51,5	17	3.3	SBV(M)-JA9YHSY-1-S	SBV-13030
SBV(M)-A11YHSY-1-S	SBV-13013	1 3/8	35	80,0	17	I	SBV(M)-JA11YHSY-1-S	SBV-13031
SBV(M)-A13YHSY-2-S	SBV-13038	1 5/8	-	119,8	17	I	SBV(M)-JA13YHSY-2-S	SBV-13040
SBV(M)-A13YHSY-1-S	SBV-13014	-	42	119,8	17	I	SBV(M)-JA13YHSY-1-S	SBV-13032
SBV(M)-A17YHSY-1-S	SBV-13015	2 1/8	54	225	19	I	SBV(M)-JA17YHSY-1-S	SBV-13033
SBV(M)-A19YHSY-1-S	SBV-13016	-	64	225	19	I	SBV(M)-JA19YHSY-1-S	SBV-13034
SBV(M)-A21YHSY-2-S	SBV-13017	2 5/8	-	305	19	I	SBV(M)-JA21YHSY-2-S	SBV-13035
SBV(M)-A25YHSY-2-S	SBV-13018	3 1/8	80	635	24	I	SBV(M)-JA25YHSY-2-S	SBV-13036
SBV(M)-A29YHSY-1-S	SBV-13041	3 5/8	92	805	26	I	SBV(M)-JA29YHSY-1-S	SBV-13043
SBV(M)-A33YHSY-2-S	SBV-13046	4 1/8	105	950	32	I	SBV(M)-JA33YHSY-2-S	SBV-13045
SBV(M)-A34YHSY-1-S	SBV-13042	4 1/4	108	950	32	I	SBV(M)-JA34YHSY-1-S	SBV-13044

Note: SBV model with connection size 3-1/2" (89mm) available on request



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DIMENSIONS



Part Number		L	L1	L2	L3 ¹⁾	L4	D	H	M	Weight
Without access fitting	With Access Fitting	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[kg]
SBV-13001	SBV-13019	132	8	68	31	22	14	16	M4 x 0,7	0,28
SBV-13002	SBV-13020	132	8	68	31	22	14	16	M4 x 0,7	0,28
SBV-13037	SBV-13039	132	8	68	31	22	14	16	M4 x 0,7	0,29
SBV-13003	SBV-13021	132	8	68	31	22	14	16	M4 x 0,7	0,29
SBV-13004	SBV-13022	160	10	85	31	22	14	16	M4 x 0,7	0,30
SBV-13005	SBV-13023	160	10	85	31	22	14	16	M4 x 0,7	0,30
SBV-13006	SBV-13024	160	12	85	31	22	14	16	M4 x 0,7	0,30
SBV-13007	SBV-13025	160	12	85	31	22	14	16	M4 x 0,7	0,30
SBV-13008	SBV-13026	185	14	99	37	30	19	20	M4 x 0,7	0,51
SBV-13009	SBV-13027	185	14	99	37	30	19	20	M4 x 0,7	0,51
SBV-13010	SBV-13028	185	17	99	37	30	19	20	M4 x 0,7	0,52
SBV-13011	SBV-13029	208	20	112	44	38	25	25	M4 x 0,7	0,73
SBV-13012	SBV-13030	208	20	112	44	38	25	25	M4 x 0,7	0,73
SBV-13013	SBV-13031	251	25	136	44	48	32	31	M6 x 1,0	1,42
SBV-13038	SBV-13040	281	29	151	56	55	38	35	M6 x 1,0	1,90
SBV-13014	SBV-13032	281	29	151	56	55	38	35	M6 x 1,0	1,90
SBV-13015	SBV-13033	305	34	167	56	74	50	46	M6 x 1,0	3,74
SBV-13016	SBV-13034	305	34	167	70	74	50	46	M6 x 1,0	3,79
SBV-13017	SBV-13035	305	37	167	56	74	60	56	M6 x 1,0	6,08
SBV-13018	SBV-13036	378	42	186,2	80	90	70	63	M6 x 1,0	8,81
SBV-13041	SBV-13043	422,7	42	207,5	75	108	80	75	M6 x 1,0	11,32
SBV-13046	SBV-13045	423	42	210,0	75	148	95	91	M6 x 1,0	19,94
SBV-13042	SBV-13044	423	42	210,0	75	148	95	91	M6 x 1,0	19,94

Note: 1) Applicable to versions with access fitting - SBV(M)-JA series