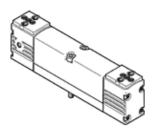
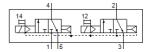
basic valve **VSVA-B-T32C-A-A2-P1** Part number: 546732

FESTO

Width 18 mm





Data sheet

Type of actuation electrical	Feature	Value
Valve size Standard nominal flow rate Operating pressure 2 10 bar Design structure Piston slide Type of reset Air spring Authorisation c UL us - Recognized (OL) Protection class IP65 NEMA 4 Nominal size Shams truction Sealing principle soft Assembly position Canforms to standard UDMA 24563 Type of piloting Pilot air supply Internal Flow direction Powerlap Signal status display LED Flow rate of valve Row rate of valve on individual sub-base Flow rate of valve on individual sub-base Flow rate of valve on perating and pilot medium Departing medium Comperating medium Note on operating and pilot medium Universitative Corrosion resistance Shock resistance Flow resistance Corrosion resistance Flow resistance Flow resistance Shock resistance Flow pressure level Relative air humidity So 98 g Mounting type Mo	Valve function	2x3/2 closed, monostable
Standard nominal flow rate Operating pressure Design structure Piston slide Type of reset Alr spring Nominal size Standard nominal flow rate Nominal size Standard nominal flow rate Protection class IP65 NEMA 4 Nominal size Standard nominal flow rate Sealing principle Soft Any Conforms to standard Standard Standard Size Standard Standa	Type of actuation	electrical
Operating pressure 2 10 bar Design structure Piston slide Type of reset Air spring Authorisation c UL us - Recognized (OL) Protection class IP65 NEMA 4 Nominal size Exhaust-air function throttleable Sealing principle soft Assembly position Any Conforms to standard ISO 15407-1 UDMA 24563 Piloted Plot air supply Internal Flow all direction non reversible Overlap Positive overlap Signal status display LED Flow rate of valve 600 I/min Flow rate of valve on individual sub-base 450 I/min Flow rate of valve on individual sub-base 450 I/min Flow rate of valve on individual sub-base 450 I/min Flow rate of valve on individual sub-base 450 I/min Flow rate of valve on individual sub-base 450 I/min Flow rate of valve on individual sub-base 450 I/min Flow rate of valve on individual sub-base 450 I/min F	Valve size	18 mm
Design structure Piston slide Piston slide Alr spring	Standard nominal flow rate	400 l/min
Type of reset Alir spring Authorisation CUL us - Recognized (OL) Protection class IP65 NEMA 4 Nominal size S mm Exhaust-air function throttleable Sealing principle Soft Assembly position Conforms to standard ISO 15407-1 VDMA 24563 Type of piloting Pilot air supply Internal Flow direction Overlap Signal status display LED Flow are of valve on individual sub-base How rate of penumatically linked valve Duty cycle 100 % Permissible voltage fluctuation Operating medium Comperssed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Vibration resistance Shock resistance Shock resistance Shock sets with severity level 2 in accordance with FN 942017-5 and EN 6008-2-6 Relative air humidity O-90 % Sound pressure level So Max. tightening toppe. Auxiliary pilot air port 12 Compressed air in accordance with ISO8573-1:2010 [7:4:4] Compressed air in accordance with FN 942017-5 and EN 60068-2-6 Shock resistance Shock resistance Compressed air in accordance with FN 942017-5 and EN 60068-2-7 Corrosion resistance vibrage air in accordance with FN 942017-5 and EN 60068-2-7 Corrosion resistance Shock resistance Shock resistance Shock resistance Shock resistance Compressed air in accordance with FN 942017-5 and EN 60068-2-7 Corrosion resistance vibrage	Operating pressure	2 10 bar
Authorisation culture - CUL us - Recognized (OL) Protection class P65 NEMA 4	Design structure	Piston slide
Protection class P65 NEMA 4	Type of reset	Air spring
NEMA 4 Nominal size 5 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Conforms to standard ISO 15407-1 VDMA 24563 Type of piloting Piloted Pilot air supply Internal Flow direction non reversible Overlap Positive overlap Signal status display LED Flow rate of valve on individual sub-base 450 l/min Flow rate of valve on individual sub-base 450 l/min Flow rate of valve on individual sub-base 400 l/min Corperating medium Comperating medium Comperating and pilot medium Lubricated operation possible (subsequently required for further operation) Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-5 and EN 60068-2-7 Corrosion resistance Classification CRC 0 - No corrosion stress Medium temperature 5 50 °C Medium temperature 5 50 °C Medium temperature 5 50 °C Meant temperature 5 50 °C Max. tightening toput lot air port 12 Mounting type Mounting type Auxiliary pilot air port 12 Connection plate size 18 mm, according to ISO 15407-1	Authorisation	c UL us - Recognized (OL)
Nominal size Exhaust-air function Exhaust-air function Sealing principle Sealing principle Sealing principle Sealing principle Sessembly position Any Conforms to standard VDMA 24563 Type of piloting Pilot air supply Internal Flow direction Internal Flow direction Positive overlap Signal status display LED Flow rate of valve Flow rate of valve on individual sub-base Flow rate of valve on individual sub-base Flow rate of pneumatically linked valve Unity cycle 100 % Permissible voltage fluctuation Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Ulbricated operation possible (subsequently required for further operation) Vibration resistance Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-7 Corrosion resistance classification CRC O - No corrosion stress Medium temperature S	Protection class	IP65
Exhaust-air function throttleable soft Sealing principle soft Any Conforms to standard ISO 15407-1 YDMA 24563 Type of piloting Piloted Pilot air supply Internal IFlow direction non reversible Overlap Signal status display LED LED		NEMA 4
Sealing principle Assembly position Any Conforms to standard VDMA 24563 Type of piloting Piloted Piloted Piloted Piloted Piloted Piloted Positive overlap Signal status display LED Converse of valve Conforms to standard	Nominal size	5 mm
Assembly position Conforms to standard Conforms to standard Sis 15407-1 VDMA 24563 Type of piloting Piloted Pilot air supply Internal Flow direction non reversible Overlap Signal status display LED Flow rate of valve Flow rate of valve on individual sub-base Flow rate of valve on individual sub-base Permissible voltage fluctuation Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Vibration resistance Shock resistance Shock resistance Shock sest with severity level 2 in accordance with FN 942017-5 and EN 60068-2-6 Shock resistance classification CRC O - No corrosion stress Medium temperature Flow resistance Sound pressure level Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Compressed air in accordance with FN 942017-5 and EN 60068-2-6 Shock resistance Shock resistance classification CRC O - No corrosion stress Medium temperature Sound pressure level Sound pres	Exhaust-air function	throttleable
Conforms to standard Type of piloting Pilot air supply Internal Flow direction Overlap Signal status display Flow rate of valve Flow rate of valve Operating medium Operating medium Operating and pilot medium Vibration resistance Shock resistance Shock resistance Corrosion resistance classification CRC Relative air humidity Operation Op	Sealing principle	soft
VDMA 24563 Type of piloting Pilot air supply Internal Flow direction Overlap Overlap Positive overlap Signal status display LED Flow rate of valve Flow rate of valve Out a for pneumatically linked valve Operating medium Operating medium Operating and pilot medium Vibration resistance Shock resistance Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-26 Shock resistance Corrosion resistance classification CRC Operating medium Operating medium Operating and pilot medium Operating operati	Assembly position	Any
Pilotair supply Internal Flow direction non reversible Overlap Signal status display LED Flow rate of valve Flow rate of valve individual sub-base flow rate of present plus overlap Duty cycle 100 % Permissible voltage fluctuation -15 % / +10 % Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Vibration resistance Shock resistance flows with severity level 2 in accordance with FN 942017-5 and EN 60068-2-2 Corrosion resistance classification CRC O · No corrosion stress Medium temperature -5 50 °C Relative air humidity O · 90 % Sound pressure level Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -5 50 °C Max. tightening torque, valve mounting O · 90 1.1 Nm Product weight 98 g Mounting type On sub-base Auxiliary pilot air port 12 Connection plate size 18 mm, according to ISO 15407-1	Conforms to standard	ISO 15407-1
Pilot air supply Flow direction Overlap Positive overlap Signal status display Flow rate of valve Flow rate of valve Flow rate of pneumatically linked valve Duty cycle Permissible voltage fluctuation Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Opibration resistance Flow rate of pale material substance Flow rate of pale material pale for further operation Flow rate of pneumatically linked valve Duty cycle 100 % Permissible voltage fluctuation Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Upbricated operation possible (subsequently required for further operation) Vibration resistance Fransport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance classification CRC O-No corrosion stress Medium temperature -550 °C Relative air humidity O-90 % Sound pressure level Boddan Flow medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -550 °C Max. tightening torque, valve mounting O-91.1 Nm Product weight Mounting type On sub-base Auxiliary pilot air port 12 Connection plate size 18 mm, according to ISO 15407-1		VDMA 24563
Pilot air supply Flow direction non reversible Overlap Positive overlap Signal status display LED Flow rate of valve Flow rate of valve inidividual sub-base Permissible voltage fluctuation Operating medium Operating and pilot medium Vibration resistance Shock resistance Shock resistance Shock resistance Corrosion resistance classification CRC Medium temperature Relative air humidity Sound pressure level Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance classification CRC O No corrosion stress Medium temperature -550 °C Relative air humidity O - 90 % Sound pressure level Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -550 °C Max. tightening torque, valve mounting Ops 1.1 Nm Product weight Mounting type Auxiliary pilot air port 12 Connection plate size 18 mm, according to ISO 15407-1	Type of piloting	Piloted
Overlap Signal status display LED Flow rate of valve 600 l/min Flow rate of valve on individual sub-base 450 l/min Pour de of pneumatically linked valve 400 l/min Duty cycle 100 % Permissible voltage fluctuation Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance classification CRC 0 - No corrosion stress Medium temperature -5 50 °C Relative air humidity 0 - 90 % Sound pressure level Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -5 50 °C Max. tightening torque, valve mounting 0.9 1.1 Nm Product weight 98 g Mounting type On sub-base Auxiliary pilot air port 12 Connection plate size 18 mm, according to ISO 15407-1	Pilot air supply	Internal
LED	Flow direction	non reversible
Flow rate of valve 600 l/min Flow rate of valve on individual sub-base 450 l/min Flow rate of pneumatically linked valve 400 l/min Duty cycle 100 % Permissible voltage fluctuation -15 % / +10 % Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance classification CRC 0-No corrosion stress Medium temperature -5 50 °C Relative air humidity 0-90 % Sound pressure level 85 dB(A) Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -5 50 °C Max. tightening torque, valve mounting 0.9 1.1 Nm Product weight 98 g Mounting type On sub-base Auxiliary pilot air port 12 Connection plate size 18 mm, according to ISO 15407-1	Overlap	Positive overlap
Flow rate of valve 600 l/min Flow rate of valve on individual sub-base 450 l/min Flow rate of pneumatically linked valve 400 l/min Duty cycle 100 % Permissible voltage fluctuation -15 % / +10 % Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance classification CRC 0-No corrosion stress Medium temperature -5 50 °C Relative air humidity 0-90 % Sound pressure level 85 dB(A) Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -5 50 °C Max. tightening torque, valve mounting 0.9 1.1 Nm Product weight 98 g Mounting type On sub-base Auxiliary pilot air port 12 Connection plate size 18 mm, according to ISO 15407-1	Signal status display	LED
Flow rate of pneumatically linked valve Duty cycle 100 % Permissible voltage fluctuation Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Uibricated operation possible (subsequently required for further operation) Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance classification CRC 0 - No corrosion stress Medium temperature -5 50 °C Relative air humidity 0 - 90 % Sound pressure level 85 dB(A) Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -5 50 °C Max. tightening torque, valve mounting Product weight Mounting type On sub-base Auxiliary pilot air port 12 Connection plate size 18 mm, according to ISO 15407-1	Flow rate of valve	600 l/min
Duty cycle 100 % Permissible voltage fluctuation -15 % / +10 % Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance classification CRC 0 - No corrosion stress Medium temperature -5 50 °C Relative air humidity 0 - 90 % Sound pressure level 85 dB(A) Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -5 50 °C Max. tightening torque, valve mounting 0.9 1.1 Nm Product weight 98 g Mounting type On sub-base Auxiliary pilot air port 12 Connection plate size 18 mm, according to ISO 15407-1	Flow rate of valve on individual sub-base	
Permissible voltage fluctuation Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance classification CRC 0 - No corrosion stress Medium temperature -5 50 °C Relative air humidity 0 - 90 % Sound pressure level Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -5 50 °C Max. tightening torque, valve mounting 0.9 1.1 Nm Product weight 98 g Mounting type On sub-base Auxiliary pilot air port 12 Connection plate size 18 mm, according to ISO 15407-1	Flow rate of pneumatically linked valve	400 l/min
Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance classification CRC 0 - No corrosion stress Medium temperature -5 50 °C Relative air humidity 0 - 90 % Sound pressure level Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -5 50 °C Max. tightening torque, valve mounting 0.9 1.1 Nm Product weight 98 g Mounting type On sub-base Auxiliary pilot air port 12 Connection plate size 18 mm, according to ISO 15407-1	Duty cycle	
Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance classification CRC 0 - No corrosion stress Medium temperature -5 50 °C Relative air humidity 0 - 90 % Sound pressure level Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -5 50 °C Max. tightening torque, valve mounting 0.9 1.1 Nm Product weight 98 g Mounting type On sub-base Auxiliary pilot air port 12 Connection plate size 18 mm, according to ISO 15407-1	Permissible voltage fluctuation	-15 % / +10 %
Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance classification CRC 0 - No corrosion stress Medium temperature -5 50 °C Relative air humidity 0 - 90 % Sound pressure level 85 dB(A) Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -5 50 °C Max. tightening torque, valve mounting 0.9 1.1 Nm Product weight 98 g Mounting type Auxiliary pilot air port 12 Connection plate size 18 mm, according to ISO 15407-1		Compressed air in accordance with ISO8573-1:2010 [7:4:4]
942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance classification CRC 0 - No corrosion stress Medium temperature -5 50 °C Relative air humidity 0 - 90 % Sound pressure level 85 dB(A) Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -5 50 °C Max. tightening torque, valve mounting 0.9 1.1 Nm Product weight 98 g Mounting type On sub-base Auxiliary pilot air port 12 Connection plate size 18 mm, according to ISO 15407-1	Note on operating and pilot medium	Lubricated operation possible (subsequently required for further
60068-2-27 Corrosion resistance classification CRC 0 - No corrosion stress Medium temperature -5 50 °C Relative air humidity 0 - 90 % Sound pressure level 85 dB(A) Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -5 50 °C Max. tightening torque, valve mounting 0.9 1.1 Nm Product weight 98 g Mounting type On sub-base Auxiliary pilot air port 12 Connection plate size 18 mm, according to ISO 15407-1	Vibration resistance	, , , , ,
Medium temperature -5 50 °C Relative air humidity 0 - 90 % Sound pressure level 85 dB(A) Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -5 50 °C Max. tightening torque, valve mounting 0.9 1.1 Nm Product weight 98 g Mounting type On sub-base Auxiliary pilot air port 12 Connection plate size 18 mm, according to ISO 15407-1	Shock resistance	· · · · · · · · · · · · · · · · · · ·
Medium temperature -5 50 °C Relative air humidity 0 - 90 % Sound pressure level 85 dB(A) Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -5 50 °C Max. tightening torque, valve mounting 0.9 1.1 Nm Product weight 98 g Mounting type On sub-base Auxiliary pilot air port 12 Connection plate size 18 mm, according to ISO 15407-1	Corrosion resistance classification CRC	0 - No corrosion stress
Relative air humidity 0 - 90 % Sound pressure level 85 dB(A) Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -5 50 °C Max. tightening torque, valve mounting 0.9 1.1 Nm Product weight 98 g Mounting type On sub-base Auxiliary pilot air port 12 Connection plate size 18 mm, according to ISO 15407-1	Medium temperature	
Sound pressure level 85 dB(A) Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -5 50 °C Max. tightening torque, valve mounting 0.9 1.1 Nm Product weight 98 g Mounting type On sub-base Auxiliary pilot air port 12 Connection plate size 18 mm, according to ISO 15407-1	Relative air humidity	
Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -5 50 °C Max. tightening torque, valve mounting 0.9 1.1 Nm Product weight 98 g Mounting type On sub-base Auxiliary pilot air port 12 Connection plate size 18 mm, according to ISO 15407-1	,	
Ambient temperature -5 50 °C Max. tightening torque, valve mounting 0.9 1.1 Nm Product weight 98 g Mounting type On sub-base Auxiliary pilot air port 12 Connection plate size 18 mm, according to ISO 15407-1	•	
Max. tightening torque, valve mounting 0.9 1.1 Nm Product weight 98 g Mounting type On sub-base Auxiliary pilot air port 12 Connection plate size 18 mm, according to ISO 15407-1	Ambient temperature	
Product weight 98 g Mounting type On sub-base Auxiliary pilot air port 12 Connection plate size 18 mm, according to ISO 15407-1	•	
Mounting type On sub-base Auxiliary pilot air port 12 Connection plate size 18 mm, according to ISO 15407-1		
Auxiliary pilot air port 12 Connection plate size 18 mm, according to ISO 15407-1		
	,	
AUXILIARY DUDI AIL DOTL 14 IL ONNECTION DIATE SIZE 1X MM (ACCORDING TO INCL. 15/07/-1	Auxiliary pilot air port 12 Auxiliary pilot air port 14	Connection plate size 18 mm, according to ISO 15407-1



Feature	Value
Pilot exhaust port 82/84	Not ducted as per standard
	Ducted
Pneumatic connection, port 1	Connection plate size 18 mm, according to ISO 15407-1
Pneumatic connection, port 2	Connection plate size 18 mm, according to ISO 15407-1
Pneumatic connection, port 3	Connection plate size 18 mm, according to ISO 15407-1
Pneumatic connection, port 4	Connection plate size 18 mm, according to ISO 15407-1
Pneumatic connection, port 5	Connection plate size 18 mm, according to ISO 15407-1
Pilot interface	According to ISO 15218
Materials note	Conforms to RoHS
Material seals	HNBR
	NBR
Material housing	Aluminium die cast
Material screws	Steel
	Galvanised