

steri-pure® Membranventil

steri-pure® Diaphragm Valve



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1 Technische Daten

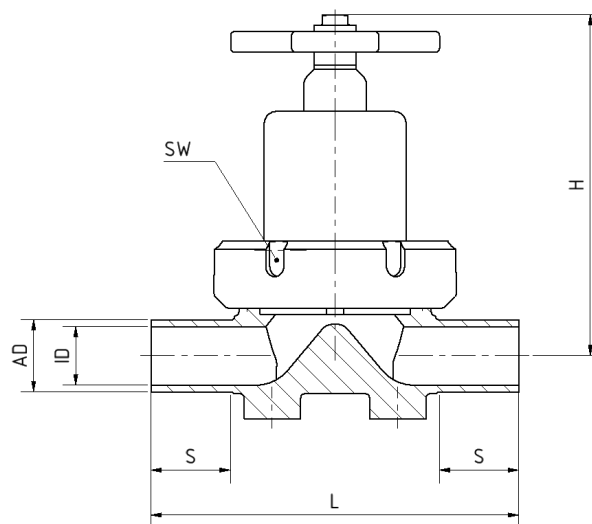
Technical Data

Standard-Baugrößen	• DIN06 – DIN50 • ISO06 – ISO50 • OD¼" – OD2½"
Werkstoffe	Produktberührt: • 1.4435 BN2 (316L) • Sonderwerkstoffe 2.4602, Titan, 1.4539 etc. gem. Bestellschlüssel Nicht produktberührt: • 1.4305 oder gleichwertig
Dichtungswerkstoffe	• EPDM • EPDM/PTFE kaschiert • Sonderdichtwerkstoffe gem. Bestellschlüssel
Oberflächen	Produktberührte Oberflächen: • elektropoliert Ra < 0,6µm • andere Oberflächen gem. Bestellschlüssel Nicht produktberührte Oberflächen: • elektropoliert Ra > 1,6µm
Rückverfolgbarkeit	Alle produktberührten Teile markiert mit Artikelnummer, Werkstoff und Chargennummer
Medien	Gase und Flüssigkeiten
Betriebsdruck	10 bar
Betriebstemperatur Dichtungswerkstoffe	• EPDM: -40°C bis +140°C, kurzzeitig bis +150°C • EPDM/PTFE kaschiert: -20°C bis +160°C, kurzzeitig +200°C
Zertifikate	Produktberührte Teile: • EN 10204 / 3.1 Dichtungswerkstoffe: FDA-Konformität, USP-Class VI, TSE-frei

Standard sizes	• DIN04 – DIN50 • ISO06 – ISO50 • OD¼ " – OD2½ "
Material	Medium contacted: • 1.4435 BN2 (316L) • Special materials e.g. 2.4602, Titan, 1.4539 etc. acc. order key Non medium contacted: • 1.4305 or equivalent
Gasket	• EPDM • EPDM/PTFE foil-clad • Special materials acc. order key
Surface quality	Medium contacted: • electro polished Ra < 0,6µm • other qualities acc. order key Non medium contacted: • electro polished Ra > 1,6µm
Tracability	Product contacted material marked with article no., material and heat no.
Media	Gases and liquids
Operating pressure	10 bar
Operating temperature gaskets	• EPDM: -40°C to +140°C, short time up +150°C • EPDM/PTFE foil-clad: -20°C to +160°C, short time up +200°C
Certification	Medium contacted: • EN 10204 / 3.1 Medium contacted gaskets: FDA-conform, USP-Class VI, TSE-free

2 steri-pure® MVS 2-Weg Membranventil mit Handantrieb

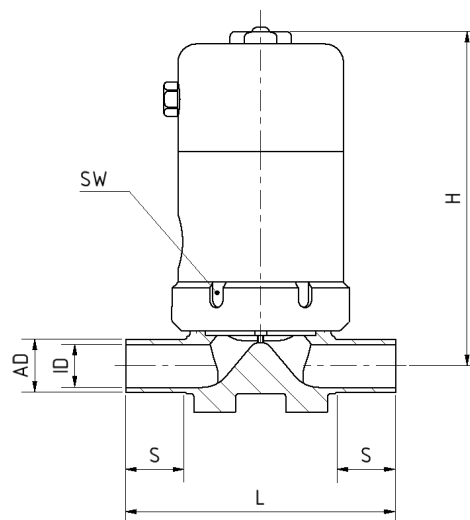
steri-pure® MVS 2-Way Diaphragm Valve with Hand Drive



	Größe Size	Artikel-Nr. (EPDM) Article-No. (EPDM)	AD [mm]	ID [mm]	S [mm]	L [mm]	H [mm]	SW [mm]
DIN Abmessung DIN Dimension	DIN06	MVS000.DIN.06S.06S.35S.E2.06.0.HA	ø8.00	ø6.00	19.00	75.00	62.60	39.00
	DIN08	MVS000.DIN.08S.08S.35S.E2.06.0.HA	ø10.00	ø8.00	19.00	75.00	62.60	39.00
	DIN10	MVS000.DIN.10S.10S.35S.E2.06.0.HA	ø13.00	ø10.00	19.00	88.00	81.70	54.00
	DIN15	MVS000.DIN.15S.15S.35S.E2.06.0.HA	ø19.00	ø16.00	19.00	108.00	108.20	74.00
	DIN20	MVS000.DIN.20S.20S.35S.E2.06.0.HA	ø23.00	ø20.00	19.00	108.00	108.20	74.00
	DIN25	MVS000.DIN.25S.25S.35S.E2.06.0.HA	ø29.00	ø26.00	19.00	134.00	144.00	96.00
	DIN32	MVS000.DIN.32S.32S.35S.E2.06.0.HA	ø35.00	ø32.00	19.00	134.00	144.00	96.00
	DIN40	MVS000.DIN.40S.40S.35S.E2.06.0.HA	ø41.00	ø38.00	19.00	134.00	160.00	96.00
ISO Abmessung ISO Dimension	DIN50	MVS000.DIN.50S.50S.35S.E2.06.0.HA	ø53.00	ø50.00	19.00	154.00	195.00	133.00
	ISO06	MVS000.ISO.06S.06S.35S.E2.06.0.HA	ø10.20	ø7.00	19.00	75.00	62.60	39.00
	ISO08	MVS000.ISO.08S.08S.35S.E2.06.0.HA	ø13.50	ø10.30	19.00	88.00	81.70	54.00
	ISO10	MVS000.ISO.10S.10S.35S.E2.06.0.HA	ø17.20	ø14.00	19.00	88.00	81.70	54.00
	ISO15	MVS000.ISO.15S.15S.35S.E2.06.0.HA	ø21.30	ø18.10	19.00	108.00	108.20	74.00
	ISO20	MVS000.ISO.20S.20S.35S.E2.06.0.HA	ø26.90	ø23.70	19.00	108.00	108.20	74.00
	ISO25	MVS000.ISO.25S.25S.35S.E2.06.0.HA	ø33.70	ø29.70	19.00	134.00	144.00	96.00
	ISO32	MVS000.ISO.32S.32S.35S.E2.06.0.HA	ø42.40	ø38.40	19.00	134.00	160.00	96.00
OD Abmessung OD Dimension	ISO40	MVS000.ISO.40S.40S.35S.E2.06.0.HA	ø48.30	ø44.30	19.00	154.00	195.00	133.00
	ISO50	MVS000.ISO.50S.50S.35S.E2.06.0.HA	ø60.30	ø56.30	19.00	154.00	195.00	133.00
	OD¼"	MVS000.OD.02S.02S.35S.E2.06.0.HA	ø6.53	ø4.57	19.00	75.00	62.60	39.00
	OD⅜"	MVS000.OD.03S.03S.35S.E2.06.0.HA	ø9.53	ø7.75	19.00	75.00	62.60	39.00
	OD½"	MVS000.OD.05S.05S.35S.E2.06.0.HA	ø12.70	ø9.40	19.00	88.00	81.70	54.00
	OD¾"	MVS000.OD.07S.07S.35S.E2.06.0.HA	ø19.05	ø15.75	19.00	108.00	108.20	74.00
	OD1"	MVS000.OD.10S.10S.35S.E2.06.0.HA	ø25.40	ø22.10	19.00	108.00	108.20	74.00
	OD1½"	MVS000.OD.15S.15S.35S.E2.06.0.HA	ø38.10	ø34.80	19.00	134.00	160.00	96.00
	OD2"	MVS000.OD.20S.20S.35S.E2.06.0.HA	ø50.80	ø47.50	19.00	154.00	195.00	133.00
	OD2½"	MVS000.OD.25S.25S.35S.E2.06.0.HA	ø63.50	ø60.20	19.00	154.00	195.00	133.00

3 steri-pure® MVS 2-Weg Membranventil mit Pneumatiktrieb

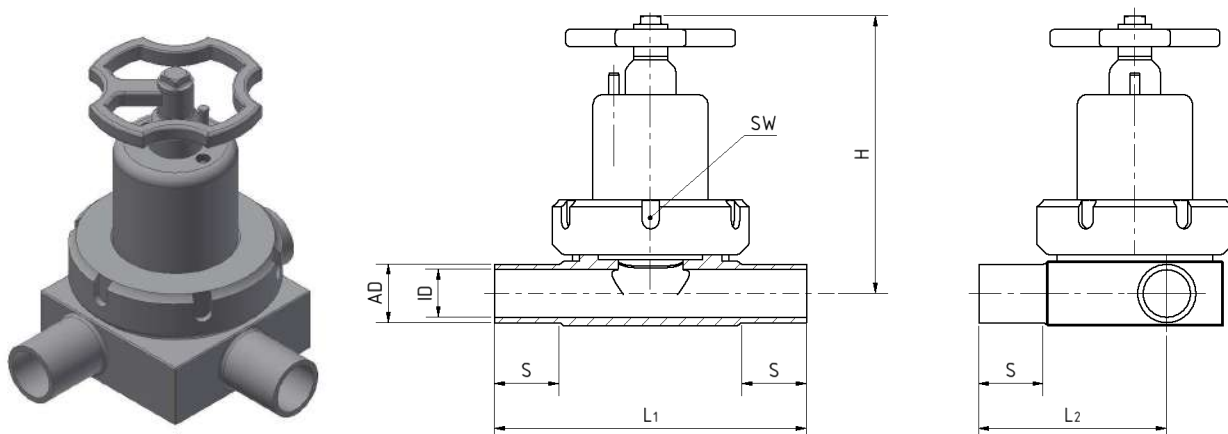
steri-pure® MVS 2-Way Diaphragm Valve with Pneumatic Drive



	Größe Size	Artikel-Nr. (EPDM) Article-No. (EPDM)	AD [mm]	ID [mm]	S [mm]	L [mm]	H [mm]	SW [mm]
DIN Abmessung DIN Dimension	DIN06	MVS000.DIN.06S.06S.35S.E2.06.0.PA.NC	ø8.00	ø6.00	19.00	75.00	84.60	39.00
	DIN08	MVS000.DIN.08S.08S.35S.E2.06.0.PA.NC	ø10.00	ø8.00	19.00	75.00	84.60	39.00
	DIN10	MVS000.DIN.10S.10S.35S.E2.06.0.PA.NC	ø13.00	ø10.00	19.00	88.00	109.00	54.00
	DIN15	MVS000.DIN.15S.15S.35S.E2.06.0.PA.NC	ø19.00	ø16.00	19.00	108.00	143.40	74.00
	DIN20	MVS000.DIN.20S.20S.35S.E2.06.0.PA.NC	ø23.00	ø20.00	19.00	108.00	143.40	74.00
	DIN25	MVS000.DIN.25S.25S.35S.E2.06.0.PA.NC	ø29.00	ø26.00	19.00	134.00	197.00	96.00
	DIN32	MVS000.DIN.32S.32S.35S.E2.06.0.PA.NC	ø35.00	ø32.00	19.00	134.00	197.00	96.00
	DIN40	MVS000.DIN.40S.40S.35S.E2.06.0.PA.NC	ø41.00	ø38.00	19.00	134.00	213.00	96.00
ISO Abmessung ISO Dimension	DIN50	MVS000.DIN.50S.50S.35S.E2.06.0.PA.NC	ø53.00	ø50.00	19.00	154.00	252.30	133.00
	ISO06	MVS000.ISO.06S.06S.35S.E2.06.0.PA.NC	ø10.20	ø7.00	19.00	75.00	84.60	39.00
	ISO08	MVS000.ISO.08S.08S.35S.E2.06.0.PA.NC	ø13.50	ø10.30	19.00	88.00	109.00	54.00
	ISO10	MVS000.ISO.10S.10S.35S.E2.06.0.PA.NC	ø17.20	ø14.00	19.00	88.00	109.00	54.00
	ISO15	MVS000.ISO.15S.15S.35S.E2.06.0.PA.NC	ø21.30	ø18.10	19.00	108.00	143.40	74.00
	ISO20	MVS000.ISO.20S.20S.35S.E2.06.0.PA.NC	ø26.90	ø23.70	19.00	108.00	143.40	74.00
	ISO25	MVS000.ISO.25S.25S.35S.E2.06.0.PA.NC	ø33.70	ø29.70	19.00	134.00	197.00	96.00
	ISO32	MVS000.ISO.32S.32S.35S.E2.06.0.PA.NC	ø42.40	ø38.40	19.00	134.00	213.00	96.00
OD Abmessung OD Dimension	ISO40	MVS000.ISO.40S.40S.35S.E2.06.0.PA.NC	ø48.30	ø44.30	19.00	154.00	252.30	133.00
	ISO50	MVS000.ISO.50S.50S.35S.E2.06.0.PA.NC	ø60.30	ø56.30	19.00	154.00	252.30	133.00
	OD¼"	MVS000.OD.02S.02S.35S.E2.06.0.PA.NC	ø6.53	ø4.57	19.00	75.00	84.60	39.00
	OD⅜"	MVS000.OD.03S.03S.35S.E2.06.0.PA.NC	ø9.53	ø7.75	19.00	75.00	84.60	39.00
	OD½"	MVS000.OD.05S.05S.35S.E2.06.0.PA.NC	ø12.70	ø9.40	19.00	88.00	109.00	54.00
	OD¾"	MVS000.OD.07S.07S.35S.E2.06.0.PA.NC	ø19.05	ø15.75	19.00	108.00	143.40	74.00
	OD1"	MVS000.OD.10S.10S.35S.E2.06.0.PA.NC	ø25.40	ø22.10	19.00	108.00	143.40	74.00
	OD1½"	MVS000.OD.15S.15S.35S.E2.06.0.PA.NC	ø38.10	ø34.80	19.00	134.00	213.00	96.00
	OD2"	MVS000.OD.20S.20S.35S.E2.06.0.PA.NC	ø50.80	ø47.50	19.00	154.00	252.30	133.00
	OD2½"	MVS000.OD.25S.25S.35S.E2.06.0.PA.NC	ø63.50	ø60.20	19.00	154.00	252.30	133.00

4 steri-pure® MTS T-Membranventil mit Handantrieb

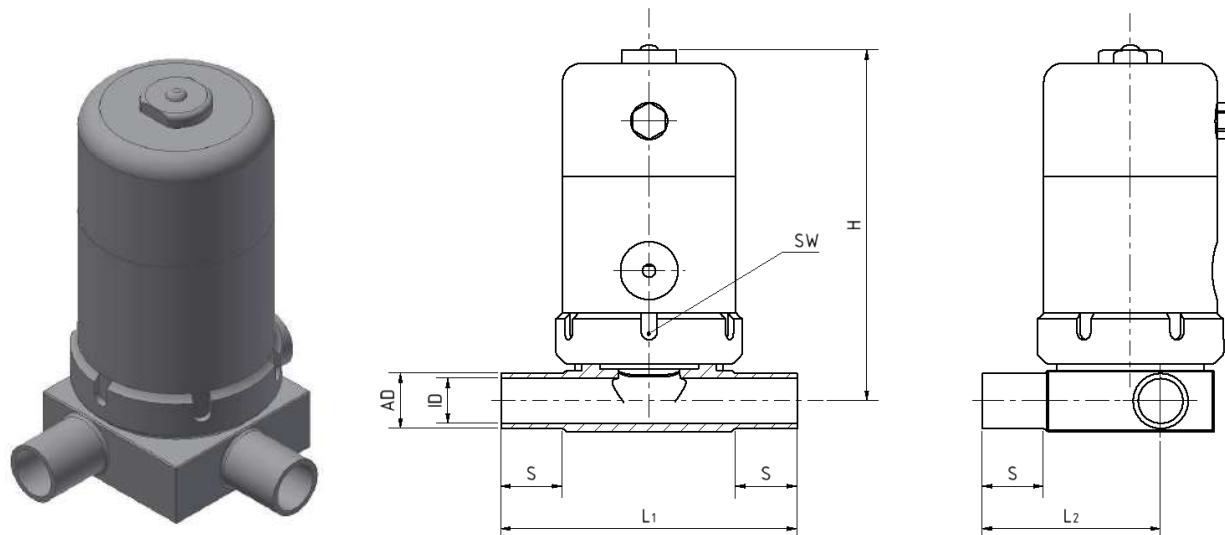
steri-pure® MTS T-Diaphragm Valve with Hand Drive



	Größe Size	Artikel-Nr. (EPDM) Article-No. (EPDM)	AD [mm]	ID [mm]	S [mm]	L1 [mm]	L2 [mm]	H [mm]	SW [mm]
DIN Abmessung DIN Dimension	DIN06	MTS000.DIN.06S.06S.06S.35V.E2.06.0.HA	ø8.00	ø6.00	19.00				39.00
	DIN08	MTS000.DIN.08S.08S.08S.35V.E2.06.0.HA	ø10.00	ø8.00	19.00				39.00
	DIN10	MTS000.DIN.10S.10S.10S.35V.E2.06.0.HA	ø13.00	ø10.00	19.00				54.00
	DIN15	MTS000.DIN.15S.15S.15S.35V.E2.06.0.HA	ø19.00	ø16.00	19.00				74.00
	DIN20	MTS000.DIN.20S.20S.20S.35V.E2.06.0.HA	ø23.00	ø20.00	19.00				74.00
	DIN25	MTS000.DIN.25S.25S.25S.35V.E2.06.0.HA	ø29.00	ø26.00	19.00				96.00
	DIN32	MTS000.DIN.32S.32S.32S.35V.E2.06.0.HA	ø35.00	ø32.00	19.00				96.00
	DIN40	MTS000.DIN.40S.40S.40S.35V.E2.06.0.HA	ø41.00	ø38.00	19.00				96.00
ISO Abmessung ISO Dimension	DIN50	MTS000.DIN.50S.50S.50S.35V.E2.06.0.HA	ø53.00	ø50.00	19.00				133.00
	ISO06	MTS000.ISO.06S.06S.06S.35V.E2.06.0.HA	ø10.20	ø7.00	19.00				39.00
	ISO08	MTS000.ISO.08S.08S.08S.35V.E2.06.0.HA	ø13.50	ø10.30	19.00				54.00
	ISO10	MTS000.ISO.10S.10S.10S.35V.E2.06.0.HA	ø17.20	ø14.00	19.00				54.00
	ISO15	MTS000.ISO.15S.15S.15S.35V.E2.06.0.HA	ø21.30	ø18.10	19.00				74.00
	ISO20	MTS000.ISO.20S.20S.20S.35V.E2.06.0.HA	ø26.90	ø23.70	19.00				74.00
	ISO25	MTS000.ISO.25S.25S.25S.35V.E2.06.0.HA	ø33.70	ø29.70	19.00				96.00
	ISO32	MTS000.ISO.32S.32S.32S.35V.E2.06.0.HA	ø42.40	ø38.40	19.00				96.00
OD Abmessung OD Dimension	ISO40	MTS000.ISO.40S.40S.40S.35V.E2.06.0.HA	ø48.30	ø44.30	19.00				133.00
	ISO50	MTS000.ISO.50S.50S.50S.35V.E2.06.0.HA	ø60.30	ø56.30	19.00				133.00
	OD1¼"	MTS000.OD.02S.02S.02S.35V.E2.06.0.HA	ø6.53	ø4.57	19.00				39.00
	OD3⁄8"	MTS000.OD.03S.03S.03S.35V.E2.06.0.HA	ø9.53	ø7.75	19.00				39.00
	OD½"	MTS000.OD.05S.05S.05S.35V.E2.06.0.HA	ø12.70	ø9.40	19.00				54.00
	OD¾"	MTS000.OD.07S.07S.07S.35V.E2.06.0.HA	ø19.05	ø15.75	19.00				74.00
	OD1"	MTS000.OD.10S.10S.10S.35V.E2.06.0.HA	ø25.40	ø22.10	19.00				74.00
	OD1½"	MTS000.OD.15S.15S.15S.35V.E2.06.0.HA	ø38.10	ø34.80	19.00				96.00
	OD2"	MTS000.OD.20S.20S.20S.35V.E2.06.0.HA	ø50.80	ø47.50	19.00				133.00
	OD2½"	MTS000.OD.25S.25S.25S.35V.E2.06.0.HA	ø63.50	ø60.20	19.00				133.00

5 steri-pure® MTS T-Membranventil mit Pneumatikantrieb

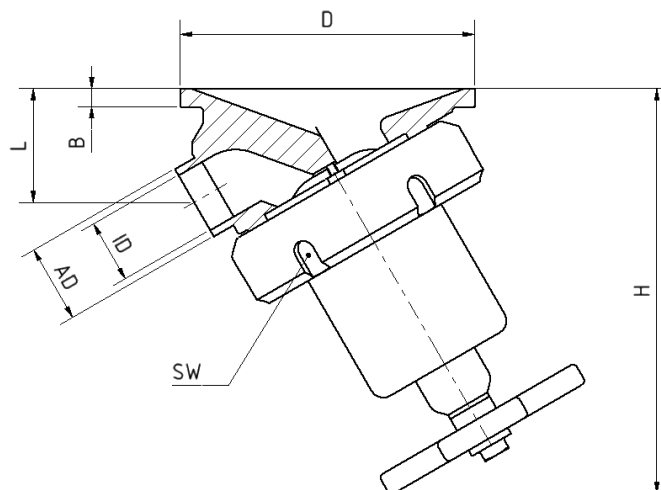
steri-pure® MTS T-Diaphragm Valve with Pneumatic Drive



	Größe Size	Artikel-Nr. (EPDM) Article-No. (EPDM)	AD [mm]	ID [mm]	S [mm]	L1 [mm]	L2 [mm]	H [mm]	SW [mm]
DIN Abmessung DIN Dimension	DIN06	MTS000.DIN.06S.06S.06S.35V.E2.06.0.PA.M	ø8.00	ø6.00	19.00				39.00
	DIN08	MTS000.DIN.08S.08S.08S.35V.E2.06.0.PA.M	ø10.00	ø8.00	19.00				39.00
	DIN10	MTS000.DIN.10S.10S.10S.35V.E2.06.0.PA.M	ø13.00	ø10.00	19.00				54.00
	DIN15	MTS000.DIN.15S.15S.15S.35V.E2.06.0.PA.M	ø19.00	ø16.00	19.00				74.00
	DIN20	MTS000.DIN.20S.20S.20S.35V.E2.06.0.PA.M	ø23.00	ø20.00	19.00				74.00
	DIN25	MTS000.DIN.25S.25S.25S.35V.E2.06.0.PA.M	ø29.00	ø26.00	19.00				96.00
	DIN32	MTS000.DIN.32S.32S.32S.35V.E2.06.0.PA.M	ø35.00	ø32.00	19.00				96.00
	DIN40	MTS000.DIN.40S.40S.40S.35V.E2.06.0.PA.M	ø41.00	ø38.00	19.00				96.00
	DIN50	MTS000.DIN.50S.50S.50S.35V.E2.06.0.PA.M	ø53.00	ø50.00	19.00				133.00
ISO Abmessung ISO Dimension	ISO06	MTS000.ISO.06S.06S.06S.35V.E2.06.0.PA.M	ø10.20	ø7.00	19.00				39.00
	ISO08	MTS000.ISO.08S.08S.08S.35V.E2.06.0.PA.M	ø13.50	ø10.30	19.00				54.00
	ISO10	MTS000.ISO.10S.10S.10S.35V.E2.06.0.PA.M	ø17.20	ø14.00	19.00				54.00
	ISO15	MTS000.ISO.15S.15S.15S.35V.E2.06.0.PA.M	ø21.30	ø18.10	19.00				74.00
	ISO20	MTS000.ISO.20S.20S.20S.35V.E2.06.0.PA.M	ø26.90	ø23.70	19.00				74.00
	ISO25	MTS000.ISO.25S.25S.25S.35V.E2.06.0.PA.M	ø33.70	ø29.70	19.00				96.00
	ISO32	MTS000.ISO.32S.32S.32S.35V.E2.06.0.PA.M	ø42.40	ø38.40	19.00				96.00
	ISO40	MTS000.ISO.40S.40S.40S.35V.E2.06.0.PA.M	ø48.30	ø44.30	19.00				133.00
	ISO50	MTS000.ISO.50S.50S.50S.35V.E2.06.0.PA.M	ø60.30	ø56.30	19.00				133.00
OD Abmessung OD Dimension	OD1/4"	MTS000.OD.02S.02S.02S.35V.E2.06.0.PA.M	ø6.53	ø4.57	19.00				39.00
	OD3/8"	MTS000.OD.03S.03S.03S.35V.E2.06.0.PA.M	ø9.53	ø7.75	19.00				39.00
	OD1/2"	MTS000.OD.05S.05S.05S.35V.E2.06.0.PA.M	ø12.70	ø9.40	19.00				54.00
	OD3/4"	MTS000.OD.07S.07S.07S.35V.E2.06.0.PA.M	ø19.05	ø15.75	19.00				74.00
	OD1"	MTS000.OD.10S.10S.10S.35V.E2.06.0.PA.M	ø25.40	ø22.10	19.00				74.00
	OD1 1/2"	MTS000.OD.15S.15S.15S.35V.E2.06.0.PA.M	ø38.10	ø34.80	19.00				96.00
	OD2"	MTS000.OD.20S.20S.20S.35V.E2.06.0.PA.M	ø50.80	ø47.50	19.00				133.00
	OD2 1/2"	MTS000.OD.25S.25S.25S.35V.E2.06.0.PA.M	ø63.50	ø60.20	19.00				133.00

6 steri-pure® MBS Bodenablass Membranventil mit Handantrieb

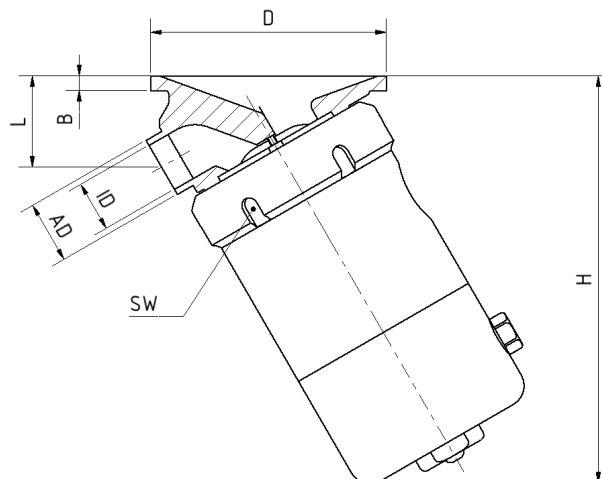
steri-pure® MBS Bottom Outlet Diaphragm Valve with Hand Drive



	Größe Size	Artikel-Nr. (EPDM) Article-No. (EPDM)	AD [mm]	ID [mm]	D [mm]	B [mm]	L [mm]	H [mm]	SW [mm]
DIN Abmessung DIN Dimension	DIN06	MBS000.DIN.06S.06S.35V.E2.06.0.HA	ø8.00	ø6.00	60.00	5.00			39.00
	DIN08	MBS000.DIN.08S.08S.35V.E2.06.0.HA	ø10.00	ø8.00	60.00	5.00			39.00
	DIN10	MBS000.DIN.10S.10S.35V.E2.06.0.HA	ø13.00	ø10.00	65.00	5.00			54.00
	DIN15	MBS000.DIN.15S.15S.35V.E2.06.0.HA	ø19.00	ø16.00		6.00			74.00
	DIN20	MBS000.DIN.20S.20S.35V.E2.06.0.HA	ø23.00	ø20.00		6.00			74.00
	DIN25	MBS000.DIN.25S.25S.35V.E2.06.0.HA	ø29.00	ø26.00		6.00			96.00
	DIN32	MBS000.DIN.32S.32S.35V.E2.06.0.HA	ø35.00	ø32.00		6.00			96.00
	DIN40	MBS000.DIN.40S.40S.35V.E2.06.0.HA	ø41.00	ø38.00		6.00			96.00
ISO Abmessung ISO Dimension	DIN50	MBS000.DIN.50S.50S.35V.E2.06.0.HA	ø53.00	ø50.00		8.00			133.00
	ISO06	MBS000.ISO.06S.06S.35V.E2.06.0.HA	ø10.20	ø7.00	60.00	5.00			39.00
	ISO08	MBS000.ISO.08S.08S.35V.E2.06.0.HA	ø13.50	ø10.30	65.00	5.00			54.00
	ISO10	MBS000.ISO.10S.10S.35V.E2.06.0.HA	ø17.20	ø14.00	65.00	5.00			54.00
	ISO15	MBS000.ISO.15S.15S.35V.E2.06.0.HA	ø21.30	ø18.10		6.00			74.00
	ISO20	MBS000.ISO.20S.20S.35V.E2.06.0.HA	ø26.90	ø23.70		6.00			74.00
	ISO25	MBS000.ISO.25S.25S.35V.E2.06.0.HA	ø33.70	ø29.70		6.00			96.00
	ISO32	MBS000.ISO.32S.32S.35V.E2.06.0.HA	ø42.40	ø38.40		6.00			96.00
OD Abmessung OD Dimension	ISO40	MBS000.ISO.40S.40S.35V.E2.06.0.HA	ø48.30	ø44.30		8.00			133.00
	ISO50	MBS000.ISO.50S.50S.35V.E2.06.0.HA	ø60.30	ø56.30		8.00			133.00
	OD¼"	MBS000.OD.02S.02S.35V.E2.06.0.HA	ø6.53	ø4.57	60.00	5.00			39.00
	OD⅜"	MBS000.OD.03S.03S.35V.E2.06.0.HA	ø9.53	ø7.75	60.00	5.00			39.00
	OD½"	MBS000.OD.05S.05S.35V.E2.06.0.HA	ø12.70	ø9.40	65.00	5.00			54.00
	OD¾"	MBS000.OD.07S.07S.35V.E2.06.0.HA	ø19.05	ø15.75		6.00			74.00
	OD1"	MBS000.OD.10S.10S.35V.E2.06.0.HA	ø25.40	ø22.10		6.00			74.00
	OD1½"	MBS000.OD.15S.15S.35V.E2.06.0.HA	ø38.10	ø34.80		6.00			96.00
	OD2"	MBS000.OD.20S.20S.35V.E2.06.0.HA	ø50.80	ø47.50		8.00			133.00
	OD2½"	MBS000.OD.25S.25S.35V.E2.06.0.HA	ø63.50	ø60.20		8.00			133.00

7 steri-pure® MBS Bodenablass Membranventil mit Pneumatikantrieb

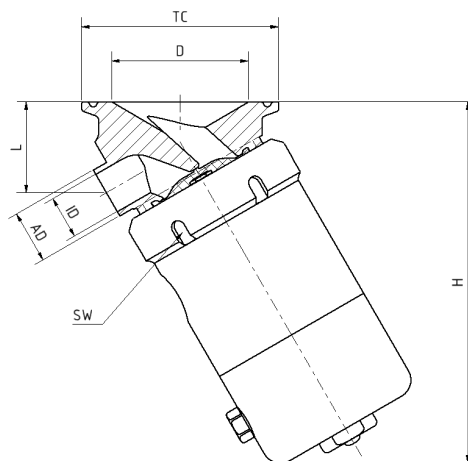
steri-pure® MBS Bottom Outlet Diaphragm Valve with Pneumatic Drive



	Größe Size	Artikel-Nr. (EPDM) Article-No. (EPDM)	AD [mm]	ID [mm]	D [mm]	B [mm]	L [mm]	H [mm]	SW [mm]
DIN Abmessung DIN Dimension	DIN06	MBS000.DIN.d50S.06S.35V.E2.06.0.PA.NC	ø8.00	ø6.00	50.00	4.00			39.00
	DIN08	MBS000.DIN.d50S.08S.35V.E2.06.0.PA.NC	ø10.00	ø8.00	50.00	4.00			39.00
	DIN10	MBS000.DIN.d65S.10S.35V.E2.06.0.PA.NC	ø13.00	ø10.00	65.00	5.00			54.00
	DIN15	MBS000.DIN.d90S.15S.35V.E2.06.0.PA.NC	ø19.00	ø16.00	90.00	6.00			74.00
	DIN20	MBS000.DIN.d90S.20S.35V.E2.06.0.PA.NC	ø23.00	ø20.00	90.00	6.00			74.00
	DIN25	MBS000.DIN.d118S.25S.35V.E2.06.0.PA.NC	ø29.00	ø26.00	118.00	8.00			96.00
	DIN32	MBS000.DIN.d118S.32S.35V.E2.06.0.PA.NC	ø35.00	ø32.00	118.00	8.00			96.00
	DIN40	MBS000.DIN.d118S.40S.35V.E2.06.0.PA.NC	ø41.00	ø38.00	118.00	8.00			96.00
ISO Abmessung ISO Dimension	DIN50	MBS000.DIN.50S.50S.35V.E2.06.0.PA.NC	ø53.00	ø50.00		8.00			133.00
	ISO06	MBS000.ISO.d50S.06S.35V.E2.06.0.PA.NC	ø10.20	ø7.00	50.00	4.00			39.00
	ISO08	MBS000.ISO.d65S.08S.35V.E2.06.0.PA.NC	ø13.50	ø10.30	65.00	5.00			54.00
	ISO10	MBS000.ISO.d65S.10S.35V.E2.06.0.PA.NC	ø17.20	ø14.00	65.00	5.00			54.00
	ISO15	MBS000.ISO.d90S.15S.35V.E2.06.0.PA.NC	ø21.30	ø18.10	90.00	6.00			74.00
	ISO20	MBS000.ISO.d90S.20S.35V.E2.06.0.PA.NC	ø26.90	ø23.70	90.00	6.00			74.00
	ISO25	MBS000.ISO.d118S.25S.35V.E2.06.0.PA.NC	ø33.70	ø29.70	118.00	8.00			96.00
	ISO32	MBS000.ISO.d118S.32S.35V.E2.06.0.PA.NC	ø42.40	ø38.40	118.00	8.00			96.00
	ISO40	MBS000.ISO.40S.40S.35V.E2.06.0.PA.NC	ø48.30	ø44.30		8.00			133.00
OD Abmessung OD Dimension	ISO50	MBS000.ISO.50S.50S.35V.E2.06.0.PA.NC	ø60.30	ø56.30		8.00			133.00
	OD¼"	MBS000.OD.d50S.02S.35V.E2.06.0.PA.NC	ø6.53	ø4.57	50.00	4.00			39.00
	OD⅝"	MBS000.OD.d50S.03S.35V.E2.06.0.PA.NC	ø9.53	ø7.75	50.00	4.00			39.00
	OD½"	MBS000.OD.d65S.05S.35V.E2.06.0.PA.NC	ø12.70	ø9.40	65.00	5.00			54.00
	OD¾"	MBS000.OD.d90S.07S.35V.E2.06.0.PA.NC	ø19.05	ø15.75	90.00	6.00			74.00
	OD1"	MBS000.OD.d90S.10S.35V.E2.06.0.PA.NC	ø25.40	ø22.10	90.00	6.00			74.00
	OD1½"	MBS000.OD.d118S.15S.35V.E2.06.0.PA.NC	ø38.10	ø34.80	118.00	8.00			96.00
	OD2"	MBS000.OD.20S.20S.35V.E2.06.0.PA.NC	ø50.80	ø47.50		8.00			133.00
	OD2½"	MBS000.OD.25S.25S.35V.E2.06.0.PA.NC	ø63.50	ø60.20		8.00			133.00

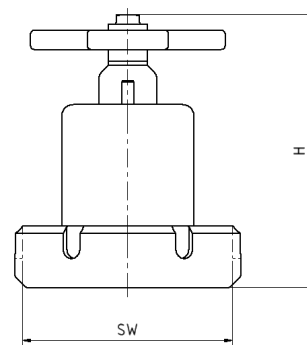
8 steri-pure® MBS Bodenablass (TC) Membranventil mit Pneumatikantrieb

steri-pure® MBS Bottom Outlet (TC) Diaphragm Valve with Pneumatic Drive



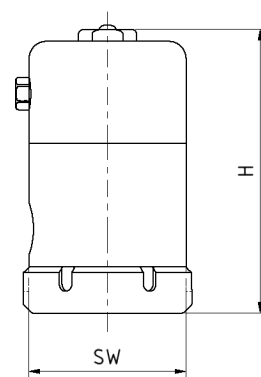
	Größe Size	Artikel-Nr. (EPDM) Article-No. (EPDM)	AD [mm]	ID [mm]	TC [mm]	D [mm]	L [mm]	H [mm]	SW [mm]
DIN Abmessung DIN Dimension	DIN06	MBS000.DIN.40TC.06S.35V.E2.06.0.PA.N	ø8.00	ø6.00	50.50	38.00			39.00
	DIN08	MBS000.DIN.40TC.08S.35V.E2.06.0.PA.N	ø10.00	ø8.00	50.50	38.00			39.00
	DIN10	MBS000.DIN.50TC.10S.35V.E2.06.0.PA.N	ø13.00	ø10.00	64.00	50.00			54.00
	DIN15	MBS000.DIN.65TC.15S.35V.E2.06.0.PA.N	ø19.00	ø16.00	91.00	66.00			74.00
	DIN20	MBS000.DIN.65TC.20S.35V.E2.06.0.PA.N	ø23.00	ø20.00	91.00	66.00			74.00
	DIN25	MBS000.DIN.100TC.25S.35V.E2.06.0.PA.N	ø29.00	ø26.00	119.00	100.00			96.00
	DIN32	MBS000.DIN.100TC.32S.35V.E2.06.0.PA.N	ø35.00	ø32.00	119.00	100.00			96.00
	DIN40	MBS000.DIN.100TC.40S.35V.E2.06.0.PA.N	ø41.00	ø38.00	119.00	100.00			96.00
	DIN50	MBS000.DIN.50S.50S.35V.E2.06.0.PA.N	ø53.00	ø50.00					133.00
ISO Abmessung ISO Dimension	ISO06	MBS000.ISO.25TC.06S.35V.E2.06.0.PA.N	ø10.20	ø7.00	50.50	29.70			39.00
	ISO08	MBS000.ISO.40TC.08S.35V.E2.06.0.PA.N	ø13.50	ø10.30	64.00	44.30			54.00
	ISO10	MBS000.ISO.40TC.10S.35V.E2.06.0.PA.N	ø17.20	ø14.00	64.00	44.30			54.00
	ISO15	MBS000.ISO.65TC.15S.35V.E2.06.0.PA.N	ø21.30	ø18.10	91.00	72.10			74.00
	ISO20	MBS000.ISO.65TC.20S.35V.E2.06.0.PA.N	ø26.90	ø23.70	91.00	72.10			74.00
	ISO25	MBS000.ISO.100TC.25S.35V.E2.06.0.PA.N	ø33.70	ø29.70	119.00	100.00			96.00
	ISO32	MBS000.ISO.100TC.32S.35V.E2.06.0.PA.N	ø42.40	ø38.40	119.00	100.00			96.00
	ISO40	MBS000.ISO.40S.40S.35V.E2.06.0.PA.N	ø48.30	ø44.30					133.00
	ISO50	MBS000.ISO.50S.50S.35V.E2.06.0.PA.N	ø60.30	ø56.30					133.00
OD Abmessung OD Dimension	OD¼"	MBS000.OD.15TC.02S.35V.E2.06.0.PA.N	ø6.53	ø4.57	50.50	34.80			39.00
	OD⅜"	MBS000.OD.15TC.03S.35V.E2.06.0.PA.N	ø9.53	ø7.75	50.50	34.80			39.00
	OD½"	MBS000.OD.20TC.05S.35V.E2.06.0.PA.N	ø12.70	ø9.40	64.00	47.50			54.00
	OD¾"	MBS000.OD.30TC.07S.35V.E2.06.0.PA.N	ø19.05	ø15.75	91.00	72.90			74.00
	OD1"	MBS000.OD.30TC.10S.35V.E2.06.0.PA.N	ø25.40	ø22.10	91.00	72.90			74.00
	OD1½"	MBS000.OD.40TC.15S.35V.E2.06.0.PA.N	ø38.10	ø34.80	119.00	97.38			96.00
	OD2"	MBS000.OD.20S.20S.35V.E2.06.0.PA.N	ø50.80	ø47.50					133.00
	OD2½"	MBS000.OD.25S.25S.35V.E2.06.0.PA.N	ø63.50	ø60.20					133.00

9 steri-pure® Handantrieb steri-pure® Hand Drive



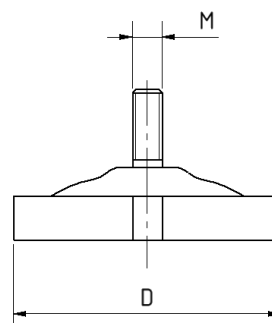
Baugröße Design size	DIN11866-A DIN	DIN11866-B ISO	DIN11866-C OD	H1 Artikel-Nr. H1 Article-No.	H2 Artikel-Nr. H2 Article-No.	H3 Artikel-Nr. H3 Article-No.	H [mm]	SW [mm]
1	DIN06 / 08	ISO06	OD 3/8"			7005.00116	54.60	39.00
2	DIN10	ISO08 / 10	OD 1/2"			7005.00015	70.20	54.00
3	DIN15 / 20	ISO15 / 20	OD 3/4" / 1"			7005.00083	90.70	74.00
4	DIN25 / 32 / 40	ISO25 / 32	OD 1 1/2"			7005.00163	121.10	96.00
5	DIN50	ISO40 / 50	OD 2" / 2 1/2"			7005.00208	157.10	133.00

10 steri-pure® Pneumatikantrieb steri-pure® Pneumatic Drive



Baugröße Design size	DIN11866-A DIN	DIN11866-B ISO	DIN11866-C OD	NC Artikel-Nr. NC Article-No.	NO Artikel-Nr. NO Article-No.	H [mm]	SW [mm]
1	DIN06 / 08	ISO06	OD 3/8"	7005.00106	7005.00122	78.00	39.00
2	DIN10	ISO08 / 10	OD 1/2"	7005.00025	7005.00118	97.50	54.00
3	DIN15 / 20	ISO15 / 20	OD 3/4" / 1"	7005.00081	7005.00120	125.90	74.00
4	DIN25 / 32 / 40	ISO25 / 32	OD 1 1/2"	7005.00210	7005.00211	173.90	96.00
5	DIN50	ISO40 / 50	OD 2" / 2 1/2"	7005.00209	7005.00212	214.40	133.00

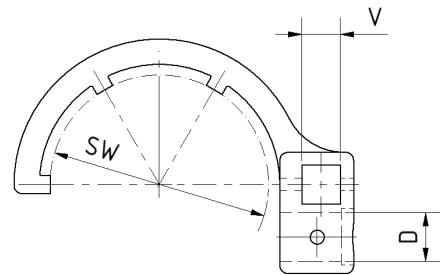
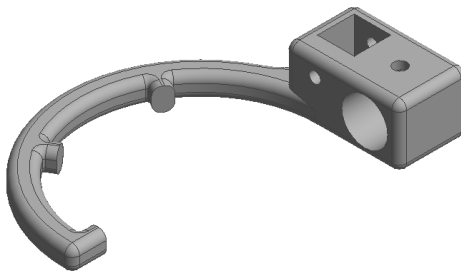
11 steri-pure® Membrane steri-pure® Diaphragm



	Größe Size	Artikel-Nr. (EPDM) Article-No. (EPDM)	Artikel-Nr. (EPDM/PTFE kaschiert) Article-No. (EPDM/PTFE foil-clad)	Artikel-Nr. (EPDM/TFM kaschiert) Article-No. (EPDM/TFM foil-clad)	D [mm]	M [mm]
DIN Abmessung DIN Dimension	DIN06	7005.00042	7005.00213		24.00	M4
	DIN08	7005.00042	7005.00213		24.00	M4
	DIN10	7005.00002	7005.00054		36.00	M4
	DIN15	7005.00027	7005.00214		58.00	M5
	DIN20	7005.00027	7005.00214		58.00	M5
	DIN25	7005.00032	7005.00215		76.00	M6
	DIN32	7005.00032	7005.00215		76.00	M6
	DIN40	7005.00032	7005.00215		76.00	M6
	DIN50	7005.00037	7005.00216		95.00	M8
ISO Abmessung ISO Dimension	ISO06	7005.00042	7005.00213		24.00	M4
	ISO08	7005.00002	7005.00054		36.00	M4
	ISO10	7005.00002	7005.00054		36.00	M4
	ISO15	7005.00027	7005.00214		58.00	M5
	ISO20	7005.00027	7005.00214		58.00	M5
	ISO25	7005.00032	7005.00215		76.00	M6
	ISO32	7005.00032	7005.00215		76.00	M6
	ISO40	7005.00037	7005.00216		95.00	M8
	ISO50	7005.00037	7005.00216		95.00	M8
OD Abmessung OD Dimension	OD 1/4"	7005.00042	7005.00213		24.00	M4
	OD 3/8"	7005.00042	7005.00213		24.00	M4
	OD 1/2"	7005.00002	7005.00054		36.00	M4
	OD 3/4"	7005.00027	7005.00214		58.00	M5
	OD 1"	7005.00027	7005.00214		58.00	M5
	OD 1 1/2"	7005.00032	7005.00215		76.00	M6
	OD 2"	7005.00037	7005.00216		95.00	M8
	OD 2 1/2"	7005.00037	7005.00216		95.00	M8

12 Membranventil Zubehör Diaphragm Valve Accessoires

12.1 Schlüsseladapter Antriebe / Key adaptor for Drive



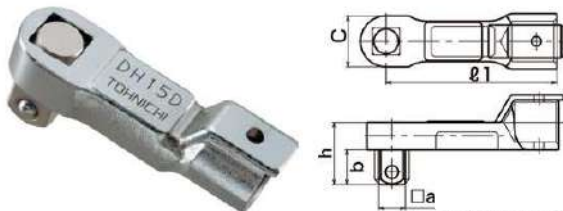
Baugröße Design size	Schlüsselweite Key-width	Artikel-Nr. Article-No.	SW [mm]	D [mm]	V [inch]
1	39	9006.00283	39.00	12.00	3/8
2	54	9006.00266	54.00	19.00	1/2
3	74	9006.00284	74.00	19.00	1/2
4	96	9006.00285	96.00	19.00	1/2
5	133	9006.00286	133.00	19.00	1/2

12.2 Drehmomentschlüssel / Torque wrench



Kopfgröße Head size [mm]	Artikel-Nr. Article-No.	Drehmomentbereich Torque Range [Nm]	Drehmomentabstufung Torque Gradation [Nm]	Länge Length [mm]	Ventilgröße Valve size
12	9006.00281	10 - 50	0.5	230	1
19	9006.00282	40 - 200	2	455	2 - 5

12.3 Vierkantaufsatz / Square Drive Head



Kopfgrösse Head size [mm]	Artikel-Nr. Article-No.	Vierkant a Square a [mm]	Länge l1 Length l1 [mm]	Passend zu Artikel Suitable to item	Ventilgrösse Valve size
12	9006.00287	9.53	53	9006.00281	1
19	9006.00288	12.7	80	9006.00282	2 - 5

12.4 Vierkantverlängerung / Square extension



Aufnahme Square	Vierkant Square [mm]	Artikel-Nr. Article-No.	Länge Length [mm]	Passend zu Handantrieb Grösse Suitable to hand drive size	Passend zu Pneumatik- antrieb Grösse Suitable to pneumatic drive
3/8"	9.53	9006.00289	76	1	1
1/2"	12.7	9006.00290	102	2 - 3	2
1/2"	12.7	9006.00291	127	4	3
1/2"	12.7	9006.00292	152	5	
1/2"	12.7	9006.00293	254		4 - 5

13 Bestellschlüssel Ordering Key

1. Ventilkörper / Valve Body

MVS	Durchgangsventilkörper / Through valve body
MVA	Durchgangsventilkörper mit Abgang / Through valve body with outlet
MVV	Durchgangsventilkörper mit Abgangsventil / Through valve body with outlet valve
MTS	T-Ventilkörper / T-valve body
MTA	T-Ventilkörper mit Abgang / T-valve body with outlet
MTV	T-Ventilkörper mit Abgangsventil / T-valve body with outlet valve
MYS	Y-Ventilkörper / Y-valve body
MYA	Y-Ventilkörper mit Abgang / Y-valve body with outlet
MYV	Y-Ventilkörper mit Abgangsventil / Y-valve body with outlet valve
MBS	Bodenablassventilkörper / Bottom outlet valve body
MBA	Bodenablassventilkörper mit Abgang / Bottom outlet valve body with outlet
MBV	Bodenablassventilkörper mit Abgangsventil / Bottom outlet valve body with outlet valve
BML	Bodenablassventilkörper mit Leitugsdurchgang / Bottom outlet valve body with loop
XXX	Weitere auf Anfrage / further on request

1.1 Typenschlüssel / Type Code

000	Standard / Standard
999	Spezielllänge / Special length
001	Konfiguration 001/ Configuration 001
002	Konfiguration 002/ Configuration 002
XXX	Weitere auf Anfrage / further on request

Siehe Tabelle Typenschlüssel / See table type code

2. Norm / Standard

DIN	DIN nach DIN11866A / DIN acc. DIN11866A
ISO	ISO nach DIN11866B / ISO acc. DIN11866B
OD	OD nach DIN11866C / OD acc. DIN11866C

3. Nennweite Stutzen links / Nominal Size Ferrule Left

03	Nennweite DN03 / Nominal Size DN03
05	Nennweite DN05 / Nominal Size DN05
06	Nennweite DN06 / Nominal Size DN06
07	Nennweite DN07 / Nominal Size DN07
08	Nennweite DN08 / Nominal Size DN08
10	Nennweite DN15 / Nominal Size DN10
15	Nennweite DN15 / Nominal Size DN15
20	Nennweite DN20 / Nominal Size DN20
25	Nennweite DN25 / Nominal Size DN25
32	Nennweite DN32 / Nominal Size DN32
40	Nennweite DN40 / Nominal Size DN40
50	Nennweite DN50 / Nominal Size DN50

3.1 Stutzen links / Ferrule Left

S	Schweisssutzen / Weld-end
TC	mit TC Stutzen DIN32676 / with TC clamp DIN32676
NF	mit Aseptik Nutflansch nach DIN11864-2 / with aseptic female flange DIN11864-2
BF	mit Aseptik Bundflansch nach DIN11864-2 / with aseptic male flange DIN11864-2
GS	mit Aseptik Gewindestutzen nach DIN11864-1 / with aseptic thread ferrule DIN11864-1
NS	mit Aseptik Nutstutzen nach DIN11864-1 / with aseptic female ferrule DIN11864-1
NK	mit Aseptik Nutklemmsutzen nach DIN11864-3 / with aseptic female ferrule DIN11864-3
BK	mit Aseptik Bundklemmsutzen nach DIN11864-3 / with aseptic male ferrule DIN11864-3

4. Nennweite Stutzen rechts / Nominal Size Ferrule Right

03	Nennweite DN03 / Nominal Size DN03
05	Nennweite DN05 / Nominal Size DN05
06	Nennweite DN06 / Nominal Size DN06
07	Nennweite DN07 / Nominal Size DN07
08	Nennweite DN08 / Nominal Size DN08
10	Nennweite DN15 / Nominal Size DN10
15	Nennweite DN15 / Nominal Size DN15
20	Nennweite DN20 / Nominal Size DN20
25	Nennweite DN25 / Nominal Size DN25
32	Nennweite DN32 / Nominal Size DN32
40	Nennweite DN40 / Nominal Size DN40
50	Nennweite DN50 / Nominal Size DN50

4.1 Stutzen rechts / Ferrule Right

S	Schweisssutzen / Weld-end
TC	mit TC Stutzen DIN32676 / with TC clamp DIN32676
NF	mit Aseptik Nutflansch nach DIN11864-2 / with aseptic female flange DIN11864-2
BF	mit Aseptik Bundflansch nach DIN11864-2 / with aseptic male flange DIN11864-2
GS	mit Aseptik Gewindestutzen nach DIN11864-1 / with aseptic thread ferrule DIN11864-1
NS	mit Aseptik Nutstutzen nach DIN11864-1 / with aseptic female ferrule DIN11864-1
NK	mit Aseptik Nutklemmsutzen nach DIN11864-3 / with aseptic female ferrule DIN11864-3
BK	mit Aseptik Bundklemmsutzen nach DIN11864-3 / with aseptic male ferrule DIN11864-3

5. Abgang T-Ventil / Outlet T-Valve

Angabe wie 3 & 3.1 / Specification like 3 and 3.1

6. Körper Werkstoff / Material Body

35	DIN 1.4435
39	DIN 1.4539
71	DIN 1.4571

6.1 Herstellungsverfahren / Manufacturing Process

S	Schmiedeverfahren (Standard) / Forging (Standard)
G	Feingussverfahren / Investment casting
V	Vollmaterial / Solid material
W	Schweisskonstruktion / Welded design

7. Behandlung Körper / Treatment Body

E1	mechanisch geschliffen / poliert / blank / mechanical grounded / polished / blank
E2	mechanisch geschliffen / poliert / elektropoliert / mechanical grounded / polished / electropolished

7.1 Oberfläche Körper medienberührt / Surface finish medium contact

02	Ra 0.2 µm
04	Ra 0.4 µm
06	Ra 0.6 µm (Standard)
08	Ra 0.8 µm

weitere Oberflächen auf Anfrage / other surfaces on request

8. Membrane / Diaphragm

0	EPDM Membrane (Standard) / EPDM Diaphragm (Standard)
7	PTFE / EPDM Membrane / PTFE / EPDM Diaphragm
	TFM / EPDM Membrane / TFM / EPDM Diaphragm

9. Antriebsart / Drive mode

HA	Handantrieb / Hand drive
PA	Pneumatikantrieb / Pneumatic drive

9.1 Antriebsfunktion (nur PA) / Drive function (only PA)

NC	Normal geschlossen / Normally closed
NO	Normal geöffnet / Normally opened
LL	Doppelwirkend / Double acting
2	2 Stellungen / 2 Positions
3	3 Stellungen / 3 Positions

10. Mechanisches Zubehör / Mechanical Accessories

-	Ohne Zubehör (Standard) / without accessories
H1	Hubbegrenzung AUF / Stroke limitation up
H2	Hubbegrenzung ZU / Stroke limitation down
H3	Hubbegrenzung AUF / ZU / Stroke limitation up / down

Weiteres Zubehör / Further Accessories

- Rückmeldeeinheit M8 mit 1 Initiator M8 (mit Stecker M8) / Feed back unit M8 with 1 proximity switch M8 (with plug M8)
- Rückmeldeeinheit M8 mit 2 Initiator M8 (mit Stecker M8) / Feed back unit M8 with 2 proximity switch M8 (with plug M8)
- Ventilrückmeldeeinheit eas-y® / Feed back unit eas-y®
- Und / Oder Schliesseinheiten / And / Or close unit
- Rückmeldeeinheit von Fremdherstellern / Feed back unit from third-party manufacturers
- Weiteres Zubehör auf Anfrage / Further Accessories on request

Zeugnisse liquitec steri-pure® Membranventile sind mit folgenden Zeugnissen / Nachweisen lieferbar:

- Produktberührende Teile mit Werkstoff-Abnahmeprüfzeugnis (Standard)
- Nachweis der Oberflächen-Rauigkeit
- Nachweis des Delta Ferritgehaltes
- Nachweis FDA-Konformität für Membranen

Certification liquitec steri-pure® Diaphragm valve can be supplied with the following certifications:

- Material certification for parts with product contact (standard)
- Certification of the surface roughness
- Certification of the Delta-ferrite content
- FDA compliance for Diaphragm

Bestellbeispiel / Ordering example: MVS000.ISO.10S.10S.35S.E2.06.0.PA.NC.-

MVS	000	ISO	10	S	10	S	-	35	S	E2	06	0	PA	NC	-
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
1	1.1	2	3	3.1	4	4.1	5	6	6.1	7	7.1	8	9	9.1	10

14 Tabelle Typenschlüssel

Table Type Code

Typenschlüssel Type code	Bezeichnung Designation	Schema Scheme
000		
999		
001		
002		
003		

15 Rohranschluss-Tabelle 004

Table of Pipe Connections 004

Nennweite Nominal Size	DIN 11866		
	Reihe A (DIN) Series A (DIN)	Reihe B (ISO) Series B (ISO)	Reihe C (OD) Series C (OD)
02			Ø6.35x0.89
03			Ø9.53x0.89
04	Ø6.00x1.00		
05			Ø12.70x1.65
06	Ø8.00x1.00	Ø10.20x1.60	
07			Ø19.05x1.65
08	Ø10.00x1.00	Ø13.50x1.60	
10	Ø13.00x1.50	Ø17.20x1.60	Ø25.40x1.65
15	Ø19.00x1.50	Ø21.30x1.60	
20	Ø23.00x1.50	Ø26.90x1.60	
25	Ø29.00x1.50	Ø33.70x1.60	
30			Ø76.20x1.65
32	Ø35.00x1.50	Ø42.40x2.00	
40	Ø41.00x1.50	Ø48.30x2.00	Ø101.60x2.11
50	Ø 53.00x1.50	Ø60.30x2.00	

16 Oberflächengüte-Tabelle

Table of surface finishes

Oberflächengüte (Mikrometer) Surface finish (micrometer)	Oberflächengüte (Mikroinch) Surface finish (microinches)	ASME BPE Code	
		geschliffen polished	elektropoliert electropolished
Ra 0.8	30	SF3	
Ra 0.6	25	SF2	SF6 (Standard)
Ra 05	20	SF1	SF5
Ra 04	15		SF4
Ra 0.25	10		

Maß- und Konstruktionsänderungen vorbehalten. Revisionsdatum: 02/21
Specifications and design are subject to change without notice. Date of revision: 02/21