

Configuration documentation

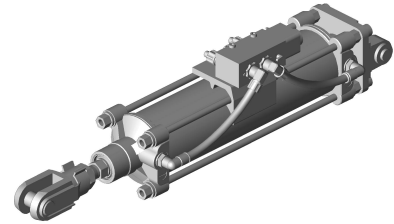
Pneumatic cylinder



Type code CVI-TRB-DA-080-0250-0-7-0-1-0-000-1-0
Material number R481676618

Description

Series	TRB	Tie rod cylinder - series TRB
Piston diameter	080	Piston diameter 80
Stroke	0250	Stroke in mm
Protection class	0	Without protection class
Valve		
Valve series	7	740 Ø 10x1
Valve function	0	5/2-way valve, piston rod retracted
Valve accessories	1	Silencer, sintered bronze
Control valves	0	Without control valve
Fittings valve (P-Port)	000	P port - without fitting
Coil	1	24V DC
Electrical connection	0	Without connector
Cylinder		
Cushioning	2	Pneumatic cushioning
Piston	2	Piston with magnet
Piston rod	1	Single
Sealings	1	Standard
Scraper	1	Scraper - standard
Piston rod extension	0	Without piston rod extension
Cylinder accessories		
Piston rod mountings	AP2	Rod clevis
Mounting at front cover	000	No mounting at front cover
Mounting orientation front	00	Without mounting
Mounting at rear cover	KP2	Clevis mounting and Bolt
Mounting orientation rear	HR	Mounting orientation - Horizontal
Counter bearing	000	No counter bearing
Guide units	000	No locking element
Sensor type	000	Without Sensor
Sensor position	00	Without sensor position



Note:

A specific part number is required for ordering and clearly identifying the configured product. If the part number is not shown under the type code, please save your configuration under "Save project".

Technical data

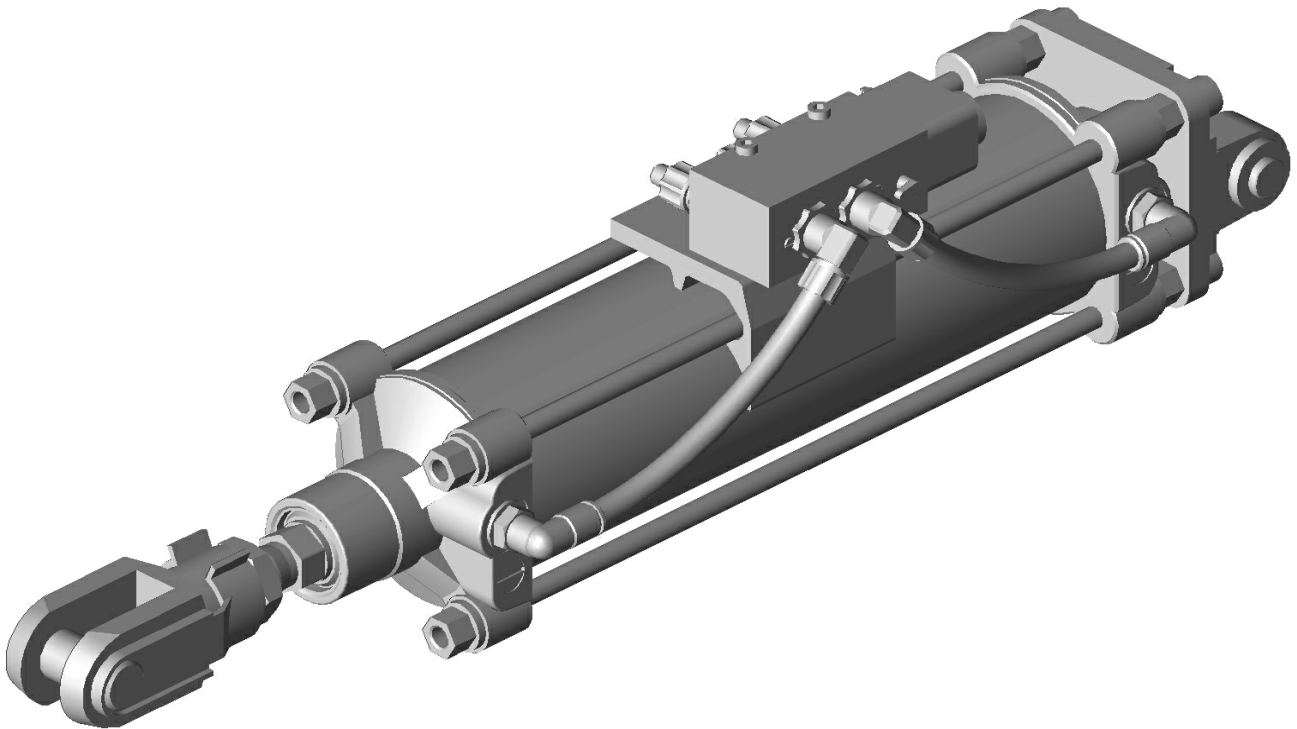
Operating temperature **-20°C to 80°C**

Type code CVI-TRB-DA-080-0250-0-7-0-1-0-000-1-0
Material number R481676618

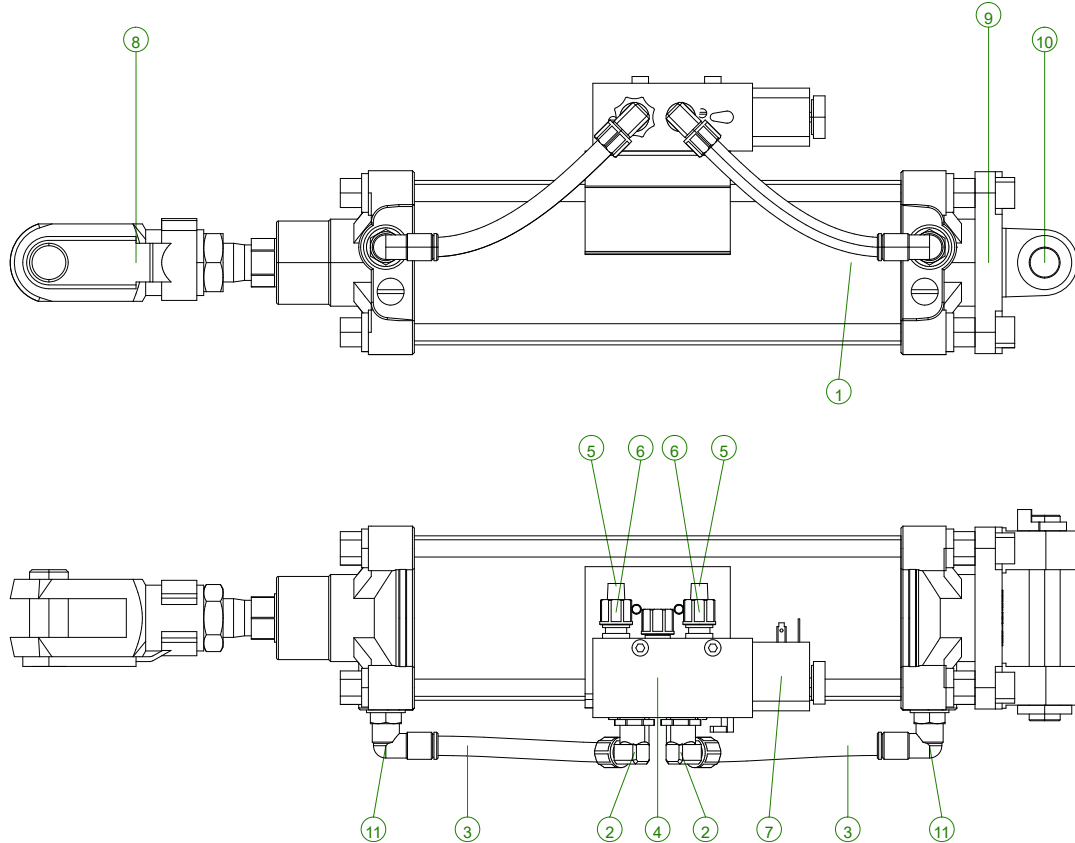
Spare parts

Base cylinder	0822344008	TRB-DA-080-0250-012211110000000-B
Valve	5727455302	V740-5/2AS
Fitting	8938306540	ELBOW UNION 10X1
Connection tube	1820712115	PLASTIC TUBING, BLACK, 10X1
Tube nut	8919905414	UNION NUT
Fitting	1823391717	QR2-S-RVT-G038-DA10
Valve accessories	8993809904	SILENCER FOR TYPE 740
Coil	5420507022	CO1-FORM_A-024DC-2,1W-30MM
Piston rod mounting	1822122004	CM2-AP2-M020-ST-ZN
End cover mounting	1827001293	CM1-MP2-080-AL-FO-ISO15552
Bolt	1823120024	CM1-AA4-080-M2-A
Spare parts kit, CVI series (from 2011)	R413000902	SPARE PART KIT PRA/TRB-080-ST
Spare parts kit, TUS series (through 2010)	5234030002	SEAL KIT 523-DA-080

Type code	CVI-TRB-DA-080-0250-0-7-0-1-0-000-1-0
Material number	R481676618



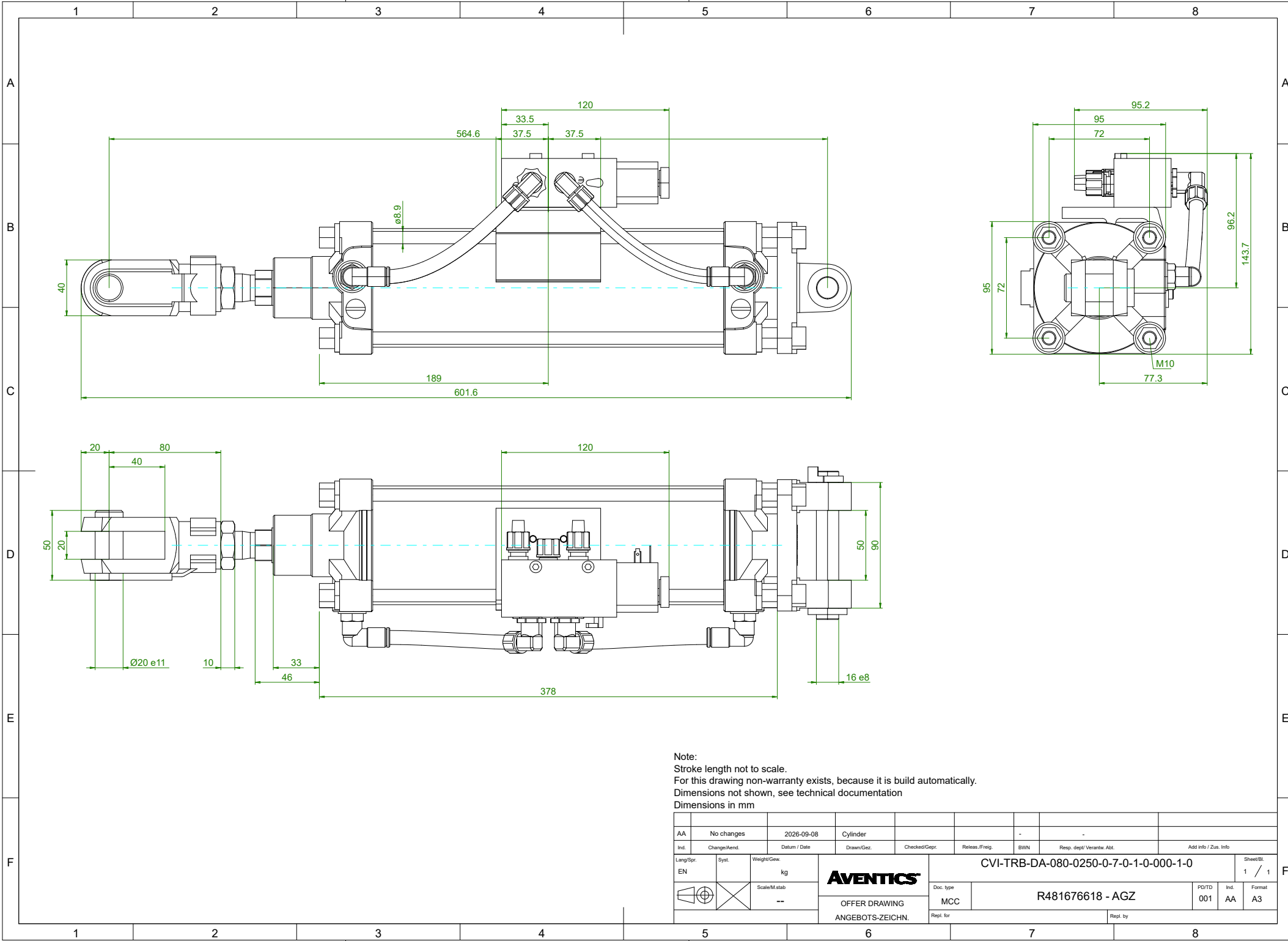
Please click on the image to activate the 3D model.
We are not liable for this 3D model since it has been generated automatically.



Pos.	Quantity	Material number	Designation	Type code
1	1	0822344008	Base cylinder	TRB-DA-080-0250-012211110000000-B
2	2	8938306540	ELBOW UNION	ELBOW UNION 10X1
3	2	1820712115	PLASTIC TUBING	PLASTIC TUBING, BLACK, 10X1
4	1	5727455302	SOLENOID-OPERATED VALVE	V740-5/2AS
5	2	8993809904	SILENCER	SILENCER FOR TYPE 740
6	2	8919905414	UNION NUT	UNION NUT
7	1	5420507022	SOLENOID COIL	CO1-FORM_A-024DC-2,1W-30MM
8	1	1822122004	CLEVIS	CM2-AP2-M020-ST-ZN
9	1	1827001293	CAP DETACHABLE CLEVIS	CM1-MP2-080-AL-FO-ISO15552
10	1	1823120024	BOLT	CM1-AA4-080-M2-A
11	2	1823391717	ELBOW UNION	QR2-S-RVT-G038-DA10

Note:
Stroke length not to scale.
For this drawing non-warranty exists, because it is build automatically.

AA	No changes	2026-09-08	Cylinder			-	-	
Ind.	Change/Rev.	Datum / Date	Drawn/Gez.	Checked/Gepr.	Released/Freig.	BWN	Resp. depl/Verantw. Abt.	Add info / Zus. Info
Lang/Spr.	Syst.	Weight/Gew.	CVI-TRB-DA-080-0250-0-7-0-1-0-000-1-0					
EN		kg						
			AVENTICS			1 / 1		
			OFFER DRAWING			R481676618 - ZUZ		
			ANGEBOTS-ZEICHN.			001 AA A3		
			Repl. for			Repl. by		



Note:
Stroke length not to scale.
For this drawing non-warranty exists, because it is build automatically.
Dimensions not shown, see technical documentation
Dimensions in mm

AA		No changes		2026-09-08		Cylinder													
Ind.		Change/rev.		Datum / Date		Drawn/Gez.		Checked/Gepr.		Released/Freig.		BWN		Resp. dept/ Verantw. Abt.		Add info / Zus. Info			
Lang/Spr.		Syst.		Weight/Gew.		CVI-TRB-DA-080-0250-0-7-0-1-0-000-1-0												Sheet/Bl.	
EN				kg		AVENTICS OFFER DRAWING ANGEBOTS-ZEICHN.												1 / 1	
				Scale/M.stab														Doc. type	
				---		Repl. for						Repl. by							