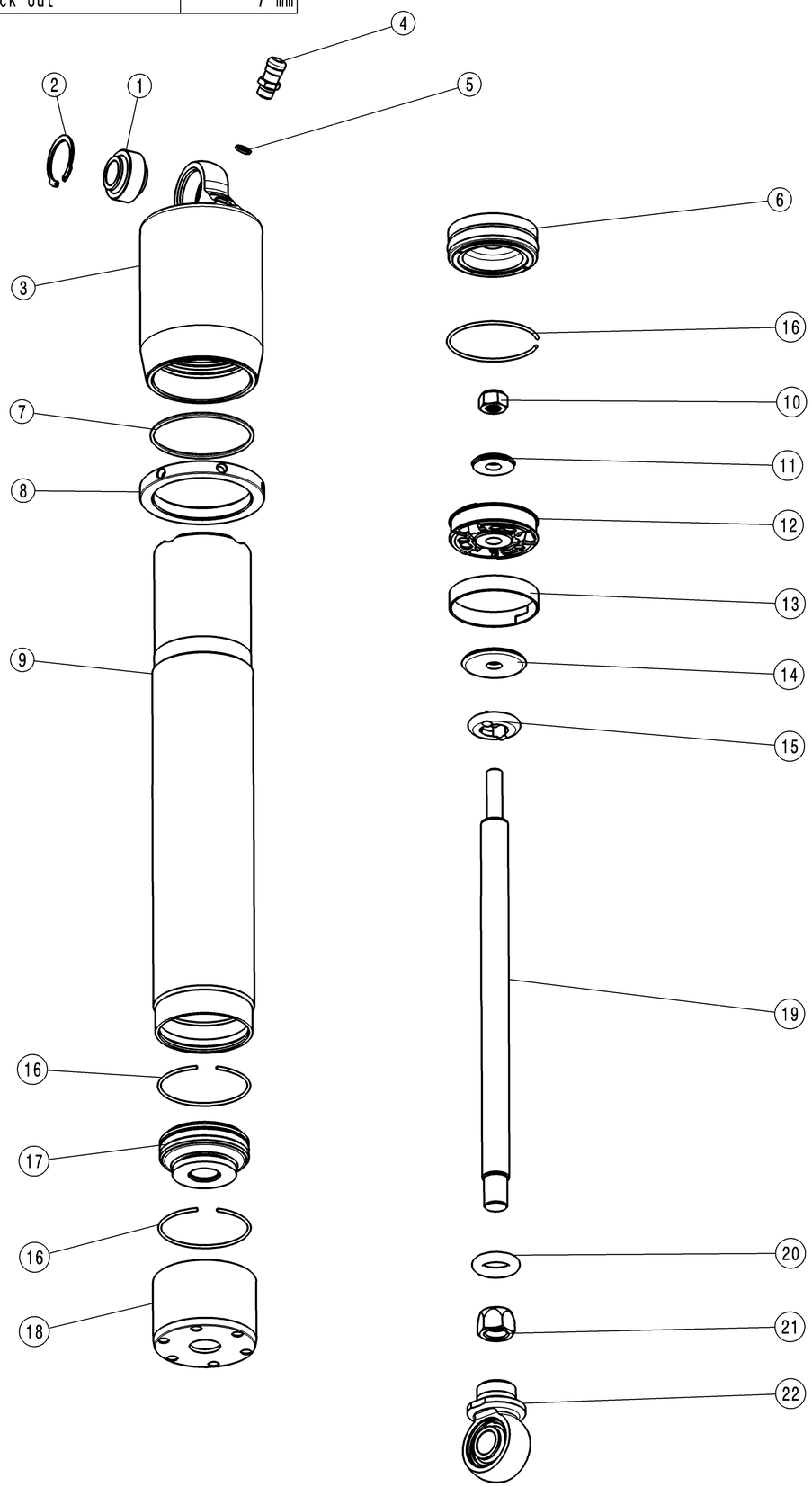
technical data

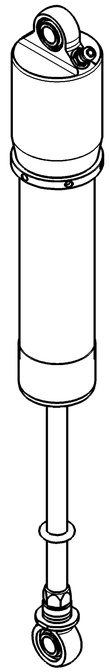
stick out	7 mm



stocklist: F4-BOA-0001212

Number	Part Number	Component Description
1	E4-GL1-Z020A00	Spherical Bearing, ø12.7
2	E4-BOA-0000440	Spring Clip
3	E4-LGO-Z016A02	Endcap, Internal Thread, XVA, 46mm
4	B4-XDO-Z015A00	Filling Valve
5	E4-DI6-Z110A00	O-Ring 6x1.2 NBR 70
6	B4-B46-U160	Dividing Piston
7	E4-DI6-Z111A00	O-Ring, Buna-N, Metric, 2.0 Wx49.0 ID
8	E4-FT4-Z058A00	jam nut
9	See Chart	Tube,46mm,Alum. Threaded Body
10	1000424	M8x1 Nylon Locknut
11	E4-SB1-Z023A01	support plate
12	E4-B46-20SNCT	piston
13	E4-KR2-X001A02	piston banding
14	E4-SB1-Z030A00	brake
15	E4-AP1-Z023A03	bumper
16	E4-B46-26	snap ring
17	B4-BOA-0000119	Rod Guide Assy.
18	E4-XDO-Z071A00	Jounce Cap
19	See Chart	Piston Rod Dm14
20	2568310	O-ring, 12.01x5.33 Travel Indicator
21	E4-MU1-Z010A00	nut
22	B4-LGO-Z043A01	Rod End Assy.

Part Number	Customer Number	Item Number 9	Item Number 19
33-255187	XVA-L50N0	E4-R03-Z120A03	E4-KS2-Z060A43
33-120010	XVA-L60N0	E4-R03-Z120A04	E4-KS2-Z060A46
33-255194	XVA-L70N0	E4-R03-Z120A00	E4-KS2-Z060A00
33-255200	XVA-L80N0	E4-R03-Z120A05	E4-KS2-Z013A05
33-255217	XVA-L90N0	E4-R03-Z120A01	E4-KS2-Z060A19
33-255224	XVA-L10N0	E4-R03-Z120A02	E4-KS2-Z013A12



Scale 1:3

Part Number	Customer Number	Oil volume [cc]
33-255187	XVA-L50N0	238.0
33-120010	XVA-L60N0	277.0
33-255194	XVA-L70N0	314.8
33-255200	XVA-L80N0	352.7
33-255217	XVA-L90N0	380.8
33-255224	XVA-L10N0	422.3

tightening torques

Fitted Components	Torques [Nm]	Additional Lock
Filling Valve - Ventil Insert	0.8	-
Filling Valve - Endcap	8.0	Loctite 272
Endcap - Jam Nut	120.0	-
tube - Jounce Cap	35.0	-
Rod End - Piston Rod	1.0	-
Rod End - Nut	25,0	-

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Passmass/fit tolerance	Abmass/applied tolerance		
		D7	Change Piston Band
			AMA00903
		Feld/Section	Aenderung/Revision

Gezeichnet/Drawn	Datum/Date	Geprueft/checked	Datum/Date	Standardgeprueft/standards checked	Datum/Date
Pieper	12.01.2016	Dvorak	03.02.16		

Freimasstoleranzen nach / General tolerances according to	Projektion :	Ersatz fuer Replacement for		Normgeprueft/Standards	Datum/Date
		ersetzt durch replaced by			
			Datum/Date / Name	Werkstoff/Material	
Gewicht / Weight		Gezeichnet/Drawn	21.08.15 Pieper		
		Geprueft/Checked	26.11.15 Dvorak		
Massstab/Scale	1:2	Standardsgeprueft / Standard checked		Standard-Bauteil / standard part	---
CAD-System:	CATIA_V5	Normgeprueft/Standards		Blatt-Nr./page no. 01 /	Index 1
Format :	A2	Benennung/Name		Zeichnungs-Nr./Drawing no.	

ThyssenKrupp
Bilstein of America
Aftermarket & Motorsport

Motorsport
XVA Linear non-adjust.
W/O Base Valve

F4-BOA-0001212