

Stainless steel round cylinder, Series CSL-RD

- Version: standard type
- ISO 6432 (Ø 16-25 mm)
- Ø 16-63 mm
- Ports M5, G 1/8, G 1/4, G 3/8
- double-acting
- with magnetic piston
- elastic cushioning
- with integrated rear eye
- Piston rod External thread
- ATEX optional
- suitable for use in food processing
(FDA/NSF/ EC No 1935/2004)



Standards

Certificates

Compressed air connection

Working pressure min./max.

Ambient temperature min./max.

Medium temperature min./max.

Medium

Max. particle size

Oil content of compressed air

Pressure for determining piston forces

ISO 6432 (Ø 16-25 mm)

EC No 1935/2004 ATEX optional

Internal thread

1 ... 10 bar

-20 ... 80 °C

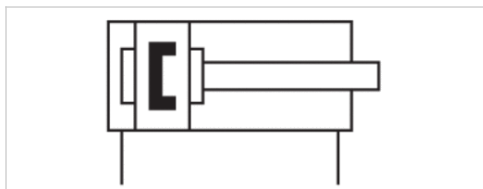
-20 ... 80 °C

Compressed air

50 µm

0 ... 5 mg/m³

6,3 bar

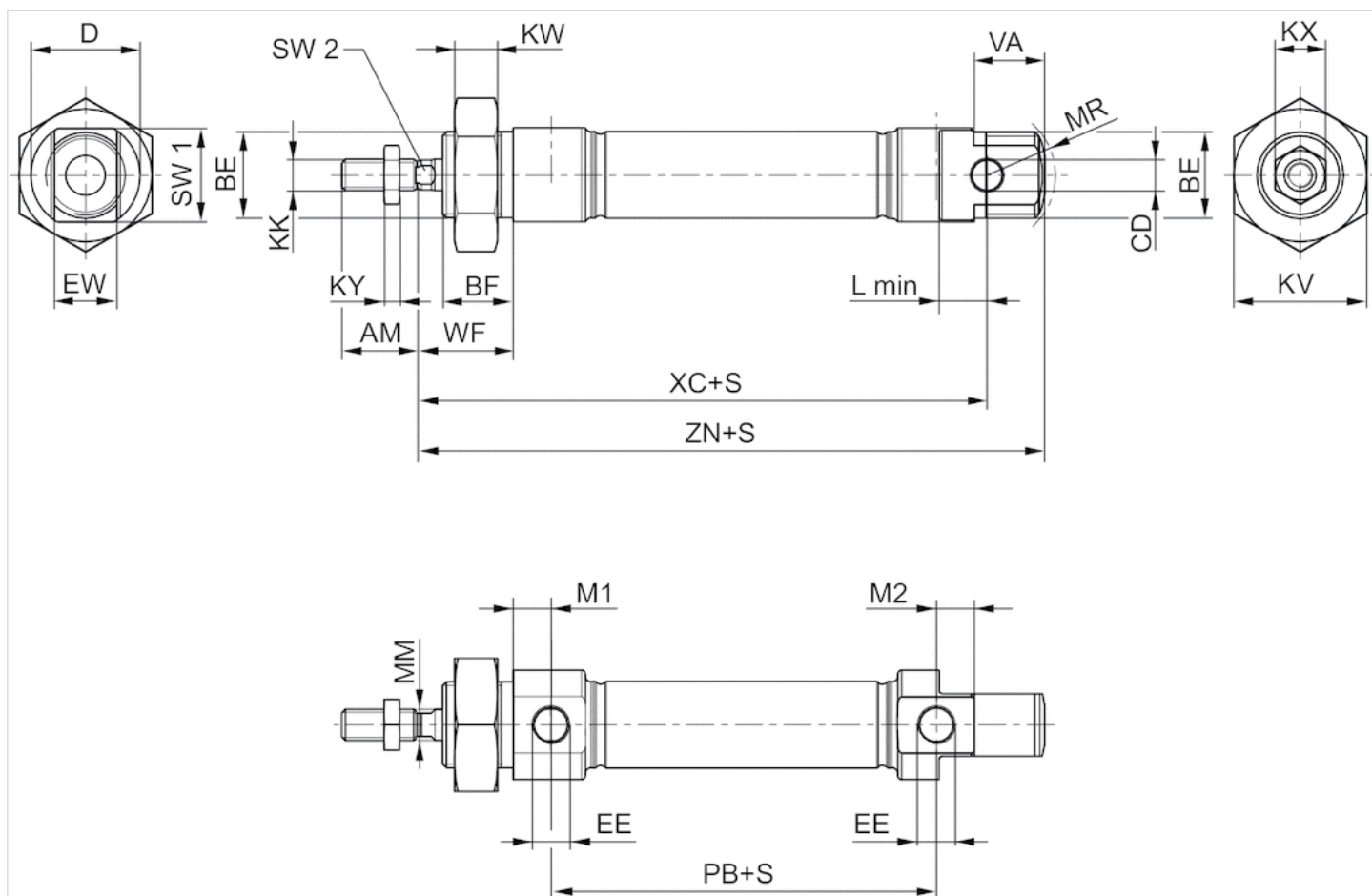


Technical data

Piston Ø Piston rod thread Ports Piston rod Ø	16 mm M6 M5 6 mm	20 mm M8 G 1/8 8 mm	25 mm M10x1,25 G 1/8 10 mm	32 mm M10x1,25 G 1/8 12 mm	40 mm M12x1,25 G 1/4 16 mm	50 mm M16x1,5 G 1/4 20 mm	63 mm M16x1,5 G 3/8 20 mm
Stroke 25	R412020398	R412020442	R412020486	R481624698	R481624709	R481624720	R481624731
50	R412020399	R412020443	R412020487	R481624699	R481624710	R481624721	R481624732
80	R412020400	R412020444	R412020488	R481624700	R481624711	R481624722	R481624733
100	R412020401	R412020445	R412020489	R481624701	R481624712	R481624723	R481624734
125	R412020402	R412020446	R412020490	R481624702	R481624713	R481624724	R481624735
160	R412020403	R412020447	R412020491	R481624703	R481624714	R481624725	R481624736
200	R412020404	R412020448	R412020492	R481624704	R481624715	R481624726	R481624737
250	R412020405	R412020449	R412020493	R481624705	R481624716	R481624727	R481624738
320	R412020406	R412020450	R412020494	R481624706	R481624717	R481624728	R481624739
400	R412020407	R412020451	R412020495	R481624707	R481624718	R481624729	R481624740
500	R412020408	R412020452	R412020496	R481624708	R481624719	R481624730	R481624741

Dimensions

Dimensions



S = stroke

Dimensions

Piston Ø	AM	BE	BF	CD H9	D	EE	EW d13	KK	KV	KW	KX
16 mm	16	M16x1,5	16	6	22	M5	12	M6	24	8	10
20 mm	20	M22x1,5	18	8	28	G 1/8	16	M8	32	11	13
25 mm	22	M22x1,5	20	8	33	G 1/8	16	M10x1,25	32	11	17
32 mm	22	M30x1,5	25	10	38	G 1/8	16	M10x1,25	36	8	17
40 mm	24	M38x1,5	28	12	49	G 1/4	18	M12x1,25	46	10	18
50 mm	32	M45x1,5	32	16	57	G 1/4	21	M16x1,5	55	10	24
63 mm	32	M45x1,5	32	16	70	G 3/8	21	M16x1,5	55	10	24

Piston Ø	KY	L min	M1/M2	MM f8	MR	PB ±1	VA	WF ±1,4	XC ±1	ZN ±1	SW 1	SW 2
16 mm	3,2	9	6,7	6	16	43,6	16	22	82	94,7	20	5
20 mm	4	12	9,7	8	18	48,6	18	24	95	109,7	24	6
25 mm	5	12	9,7	10	19	52,6	20	28	104	119,7	28	8
32 mm	5	14	9,5/11,7	12	12	46	-	34	117,5	129,5	35	10
40 mm	6	16	9,8/8,7	16	13,9	66	-	39	139,6	153,5	45	13