

Série SWN



AVENTICS™ Série SWN

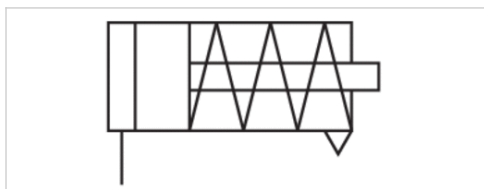

EMERSON

Vérin fileté, Série SWN

- Tension du ressort [N] 2,1 ... 17,5
- Ø 6-16 mm
- A simple effet, tige rentrée sans pression



Pression de service mini/maxi	2 ... 8 bar
Température ambiante mini./maxi.	-20 ... 80 °C
Température min./max. du fluide	-20 ... 80 °C
Fluide	Air comprimé
Taille de particule max.	5 µm
Teneur en huile de l'air comprimé	0 ... 1 mg/m ³
Pression	6 bar
Tension du ressort mini - maxi	Pour la tension du ressort [N] min. - max. relative au Ø de piston et la course S, se référer au tableau de cotes.
Poids	Voir tableau ci-dessous



Données techniques

Ø du piston	6 mm	10 mm	16 mm
Course 5	0822406900	0822406910	0822406920
10	0822406901	0822406911	0822406921
15	0822406902	0822406912	0822406922

Données techniques

Ø du piston	6 mm	10 mm	16 mm
Force du piston sortante	15 N	38 N	100 N

Informations techniques

Le point de rosée sous pression doit se situer à au moins 15 °C sous la température ambiante et la température du fluide et peut atteindre max. 3 °C .

La teneur en huile de l'air comprimé doit rester constante tout au long de la durée de vie.

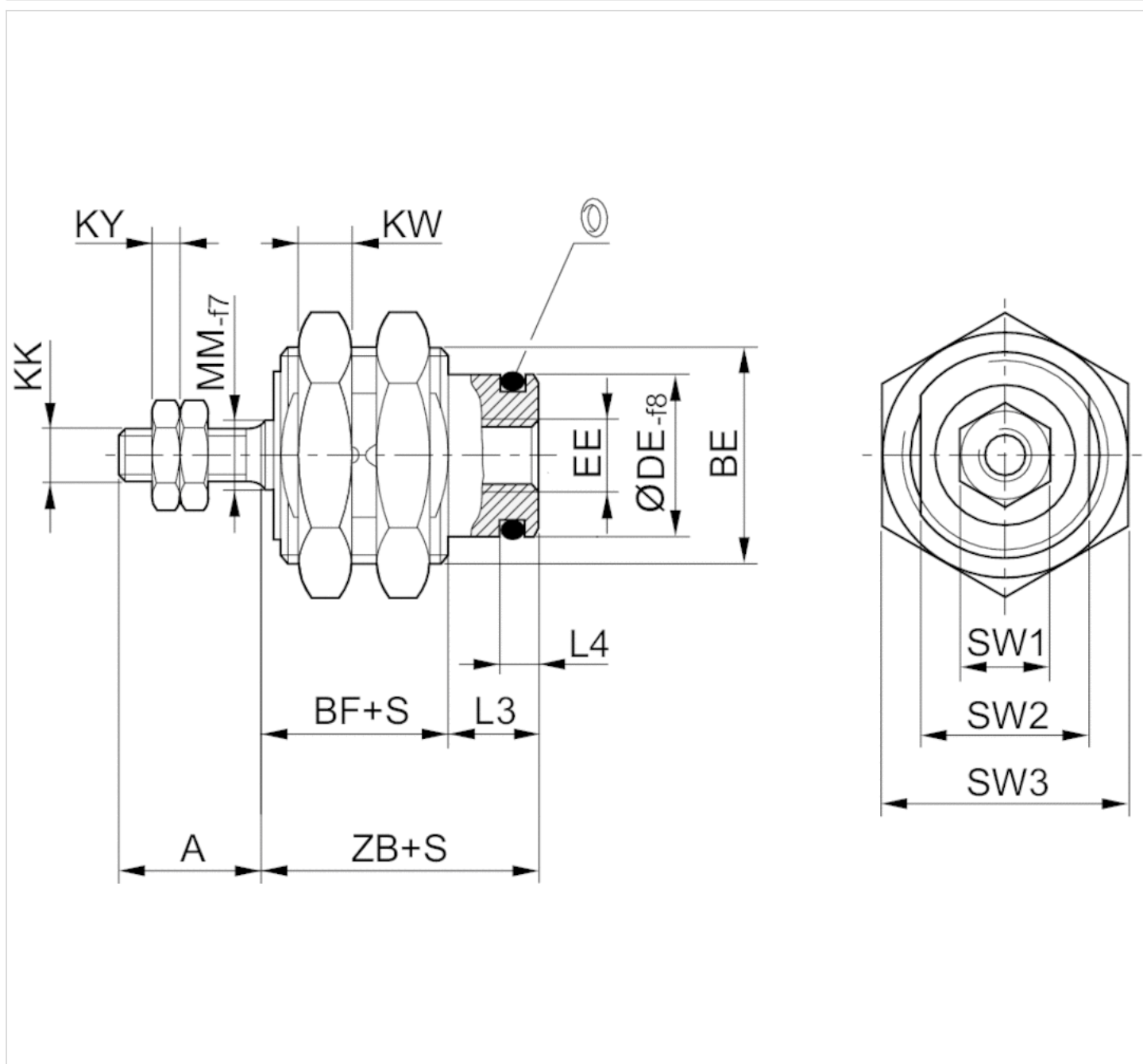
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Informations techniques

Matériau	
Tube du vérin	Laiton, nickelé
Tige de piston	Acier inoxydable
Couvercle avant	Laiton
Écrou pour tige de piston	Acier, galvanisé

Dimensions

Dimensions



S = course

Dimensions

Ø du piston	S	A	BE	BF	DE 1)	Tension du ressort [N] mini
6 mm	5	7	M10x1	8.5	7.6	2.4
6 mm	10	7	M10x1	10.5	7.6	2.1
6 mm	15	7	M10x1	12.5	7.6	2.3
10 mm	5	10	M16x1,5	9.5	12	5.8
10 mm	10	10	M16x1,5	11	12	4.1
10 mm	15	10	M16x1,5	13	12	3.9
16 mm	5	12	M22x1,5	12.8	18.5	14
16 mm	10	12	M22x1,5	13.8	18.5	11.5
16 mm	15	12	M22x1,5	15.3	18.5	8.5

Ø du piston	Tension du ressort [N] maxi	EE	KK	KW	KY	L3	L4	MM	SW1	SW2	SW3	ZB
6 mm	4.4	M5	M3	3	2.3	6	2.5	3	5.5	9	14	14.5
6 mm	5.8	M5	M3	3	2.3	6	2.5	3	5.5	9	14	16.5
6 mm	5	M5	M3	3	2.3	6	2.5	3	5.5	9	14	18.5
10 mm	9.2	M5	M4	6	3	7	3	5	7	14	22	16.5
10 mm	7.7	M5	M4	6	3	7	3	5	7	14	22	18
10 mm	8.3	M5	M4	6	3	7	3	5	7	14	22	20
16 mm	17	M5	M5	5	3.8	6.7	3.2	5	8	20	27	19.5
16 mm	16.5	M5	M5	5	3.8	6.7	3.2	5	8	20	27	20.5
16 mm	17.5	M5	M5	5	3.8	6.7	3.2	5	8	20	27	22

1) Perçage de positionnement recommandé DE

Poids [kg]

Ø du piston	S	Poids kg
6 mm	5	0,01 kg
6 mm	10	0,01 kg
6 mm	15	0,011 kg
10 mm	5	0,018 kg
10 mm	10	0,02 kg
10 mm	15	0,022 kg
16 mm	5	0,04 kg
16 mm	10	0,043 kg
16 mm	15	0,046 kg

S = course

Efficient pneumatic solutions, our program: cylinders and drives, valves and valve systems, air supply management



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