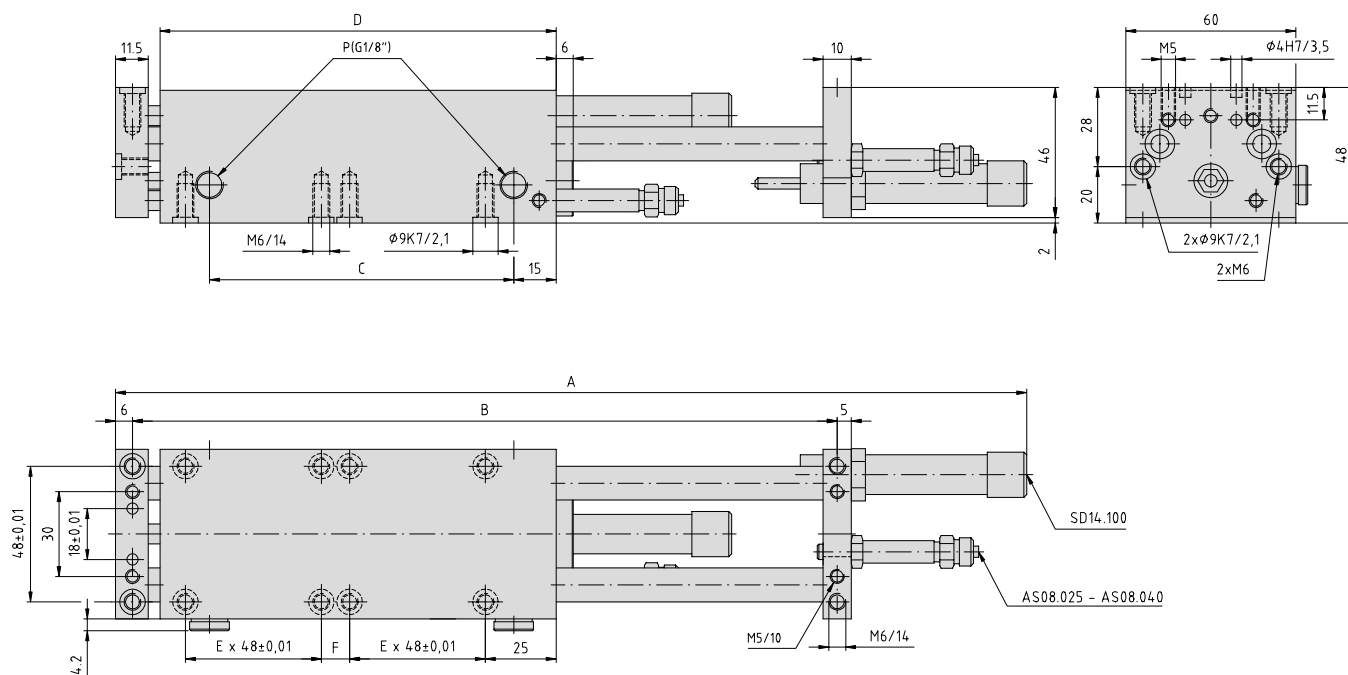


Schiebemodule SM20

Linear modules SM20
Modules linéaires SM20



P = Luftanschluss

P = Air connections

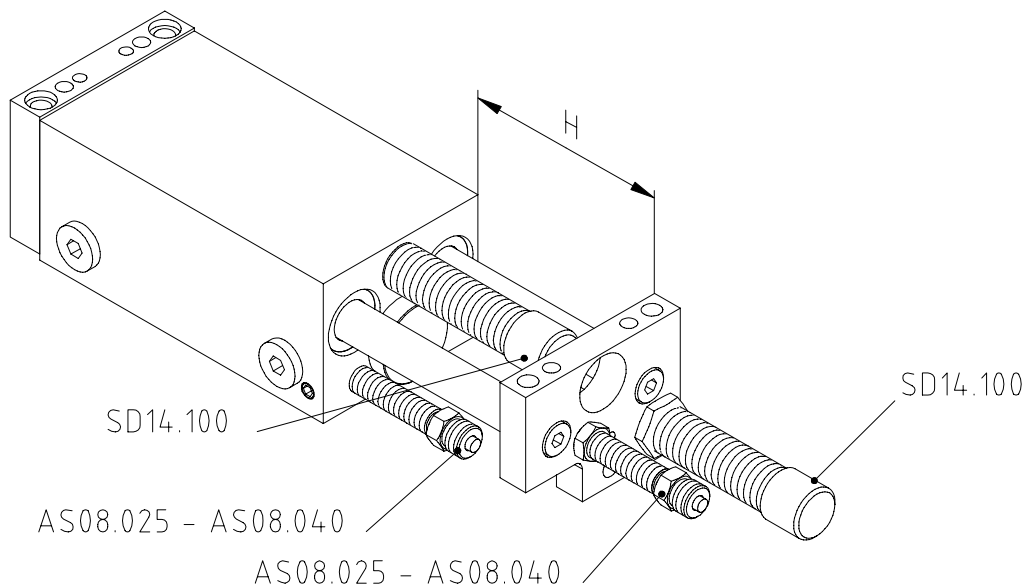
P = Raccord d'air

Type Type, Type	SM20/030	SM20/060	SM20/090	SM20/120	SM20/150	SM20/180	SM20/200
Maß A Dimension A Dimension A	210 mm	270 mm	330 mm	390 mm	450 mm	510 mm	550 mm
Maß B Dimension B Dimension B	129 mm	189 mm	249 mm	309 mm	369 mm	429 mm	469 mm
Maß C Dimension C Dimension C	48.5 mm	78.5 mm	107.5 mm	139 mm	170 mm	200 mm	220 mm
Maß D Dimension D Dimension D	80 mm	110 mm	140 mm	170 mm	200 mm	230 mm	250 mm
Maß E x 48 Dimension E x 48 Dimension E x 48	1 x 48 mm	1 x 48 mm	2 x 48 mm	2 x 48 mm	3 x 48 mm	3 x 48 mm	4 x 48 mm
Maß F Dimension F Dimension F	0	0	10	24	0	24	0

Schiebemodule SM20

Linear modules SM20

Modules linéaires SM20



Lieferumfang:

1 SM20.030 - .200

2 Anschlagschrauben AS08.040 / AS08.025
2 Stoßdämpfer SD14.100
2 Zentrierhülsen KV10.081

Items supplied:

1 SM20.030 - .200

2 Stop screws AS08.040 / AS08.025
2 Shock absorbers SD14.100
2 Centering bushings KV10.081

Matériel livré:

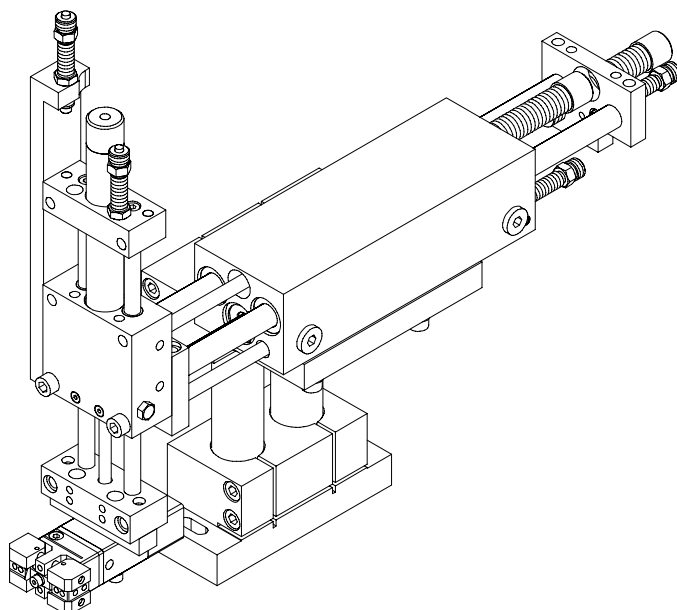
1 SM20.030 - .200

2 Vis d'arrêt AS08.040 / AS08.025
2 Amortisseurs SD14.100
2 Douilles de centrage KV10.081

Typische Anwendungen:

Typical applications:

Applications typiques:



Schiebemodule SM20

Linear modules SM20
Modules linéaires SM20

Technische Daten:

Technical Data:

Données techniques:

Typ Type, Type	SM20/030	SM20/060	SM20/090	SM20/120	SM20/150	SM20/180	SM20/200
Bestellnummer Order No., Article No.	SM20.030	SM20.060	SM20.090	SM20.120	SM20.150	SM20.180	SM20.200
Hub = H Stroke = H, Course = H	30 mm	60 mm	90 mm	120 mm	150 mm	180 mm	200 mm
max. Nutzlast = M Max. effective weight = M Charge utile max. = M	8 kg	7 kg	5 kg	4 kg	3 kg	2 kg	2 kg
Kolbenkraft einfahrend Piston force retract Force du piston entrer	128 N (5 bar)	128 N (5 bar)	128 N (5 bar)	128 N (5 bar)	128 N (5 bar)	128 N (5 bar)	128 N (5 bar)
Kolbenkraft ausfahrend Piston force extend Force du piston sortir	140 N (5 bar)	140 N (5 bar)	140 N (5 bar)	140 N (5 bar)	140 N (5 bar)	140 N (5 bar)	140 N (5 bar)
Betriebsdruck Operating pressure Pression d'alimentation	3 - 8 bar	3 - 8 bar	3 - 8 bar	3 - 8 bar	3 - 8 bar	3 - 8 bar	3 - 8 bar
Luftanschlüsse = P Air connections = P Raccords d'air = P	G 1/8"	G 1/8"	G 1/8"	G 1/8"	G 1/8"	G 1/8"	G 1/8"
Luftverbrauch/Hub Air consumption/stroke Consommation d'air/course	0,065 NL	0,125 NL	0,19 NL	0,255 NL	0,32 NL	0,38 NL	0,43 NL
Temperaturbereich Temperature range Plage de température	-10°/ +60°C	-10°/ +60°C	-10°/ +60°C	-10°/ +60°C	-10°/ +60°C	-10°/ +60°C	-10°/ +60°C
Masse Weight Poids	1,28 kg	1,55 kg	1,82 kg	2,1 kg	2,33 kg	2,6 kg	2,82 kg
Anhaltengenauigkeit Stopping accuracy Précision de positionnement	± 0,01 mm	± 0,01 mm	± 0,01 mm	± 0,01 mm	± 0,01 mm	± 0,01 mm	± 0,01 mm
Einbaulage (beliebig) Installation position (any) Position e montage (à volonté)	Ja / Yes / Oui						

Taktzeit

Messung bei 5 bar

m=Masse (kg)

t=Hubzeit (s)

Cycle time

Measurement by 5 bar

m=Mass (kg)

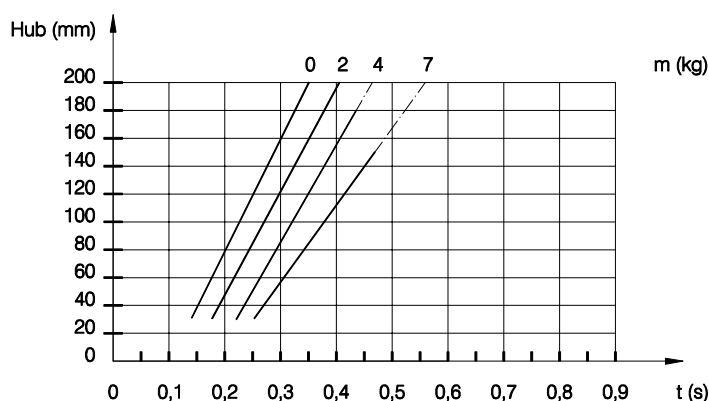
t=Stroke time (s)

Temps de cycle

Pression mesurer près 5 bar

m=Masse (kg)

t=Temps par course (s)

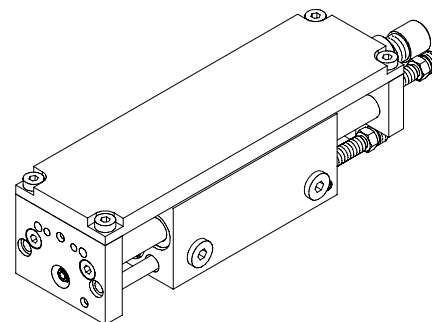
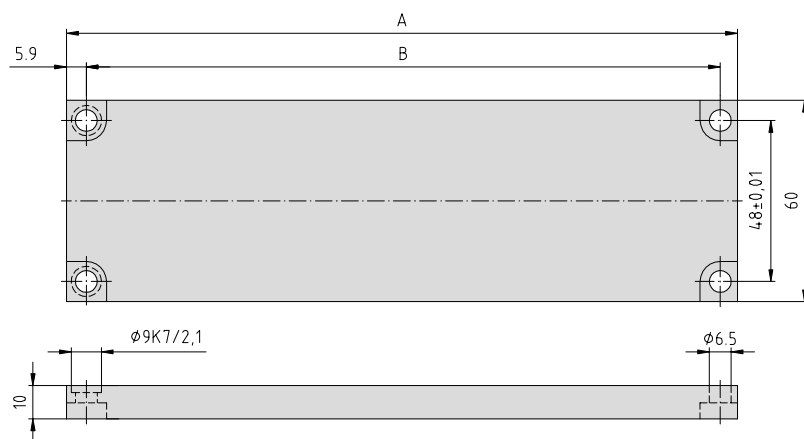


Zubehör SM20

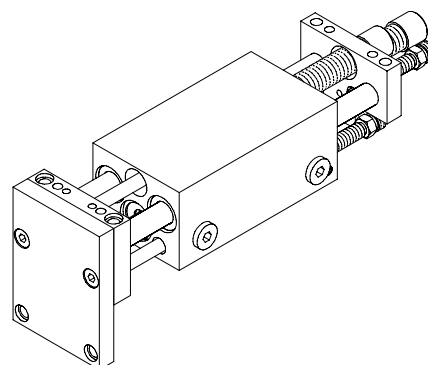
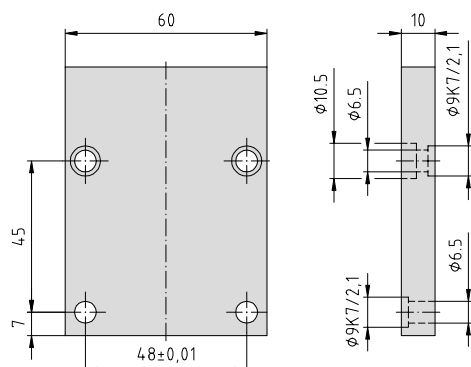
Accessories SM20

Accessoires SM20

Flanschplatte Base plate Platine de base	SM20/030	SM20/060	SM20/090	SM20/120	SM20/150	SM20/180	SM20/200
Bestellnummer Order No., Article No.	SM20.303	SM20.306	SM20.309	SM20.312	SM20.315	SM20.318	SM20.320
Maß A Dimension A, Dimension A	140 mm	200 mm	260 mm	320 mm	380 mm	440 mm	480 mm
Maß B Dimension B, Dimension B	129 mm	189 mm	249 mm	309 mm	369 mm	429 mm	469 mm
Masse Weight, Poids	0,217 kg	0,31 kg	0,40 kg	0,50 kg	0,61 kg	0,75 kg	0,77 kg
Lieferumfang: 2 Zentrierhülsen KV10.081 4 Schrauben M6x16							
Items supplied: 2 Centering bushings KV10.081 4 Screws M6x16							
Matériel livré: 2 Douilles de centrage KV10.081 4 Vis M6x16							



Zwischenplatte für: Intermediary plate for: Platine intermédiaire pour:	SM20/030	SM20/060	SM20/090	SM20/120	SM20/150	SM20/180	SM20/200
Bestellnummer Order No., Article No.	KT48.200						
Masse Weight, Poids	0,39 kg						
Lieferumfang: 2 Zentrierhülsen KV10.081 2 Schrauben M6x16		Items supplied: 2 Centering bushings KV10.081 2 Screws M6x16			Matériel livré: 2 Douilles de centrage KV10.081 2 Vis M6x16		

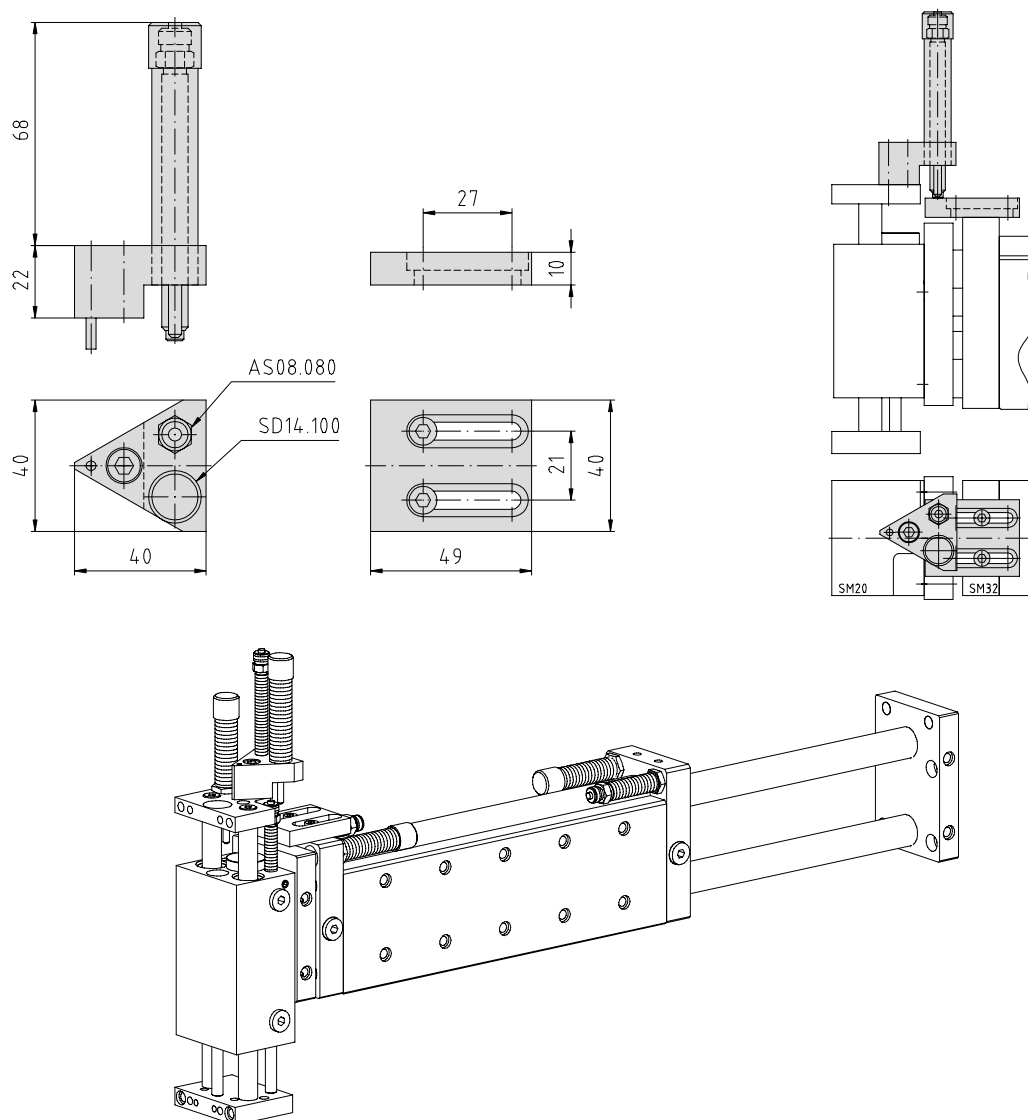


Zubehör SM20

Accessories SM20

Accessoires SM20

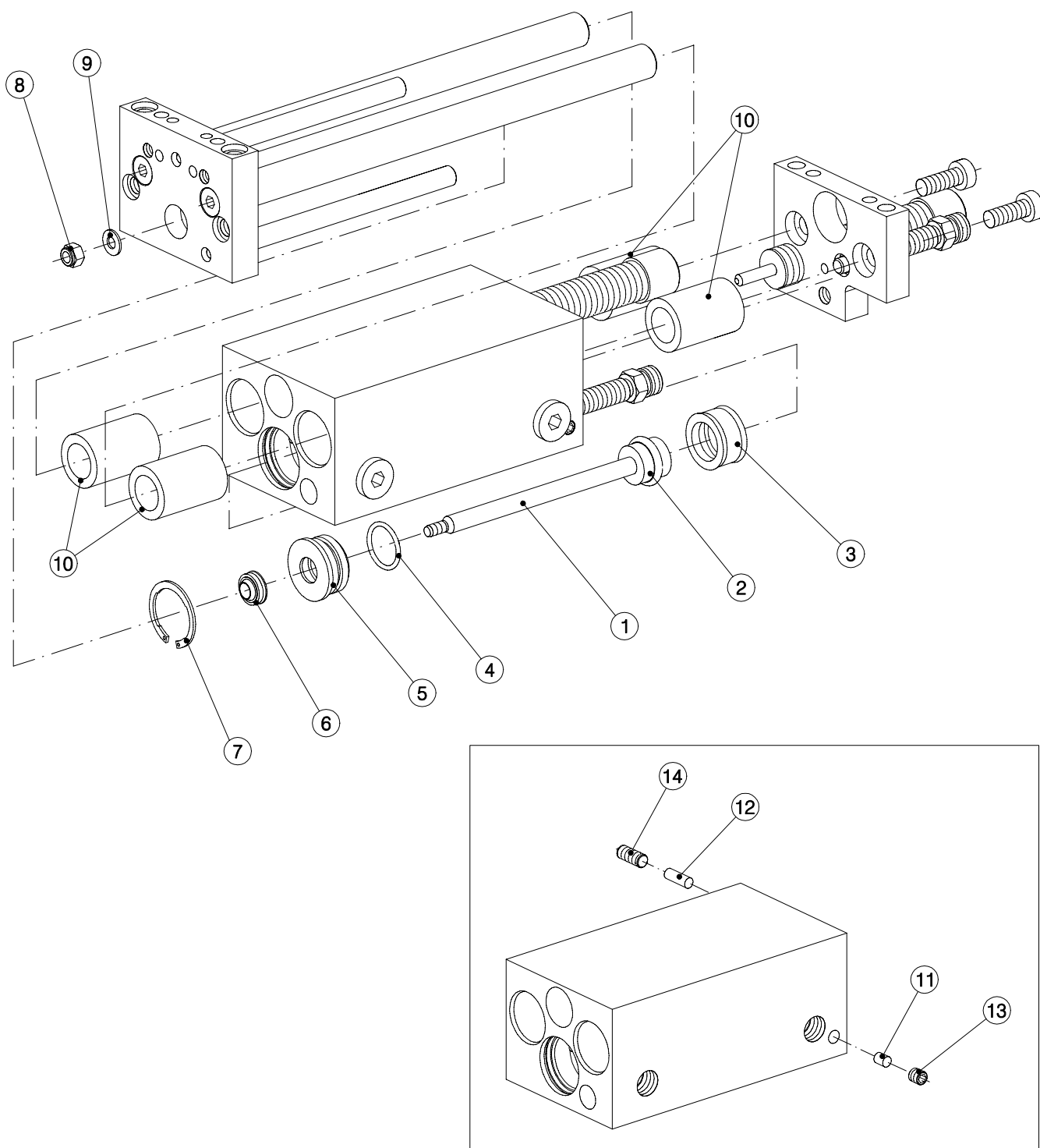
3. Position 3rd position 3ème position	SM20/030	SM20/060	SM20/090	SM20/120	SM20/150	SM20/180	SM20/200
Bestellnummer Order No., Article No.	SM20.500						
Masse Weight, Poids	0,39 kg	0,39 kg	0,39 kg	0,39 kg	0,39 kg	0,39 kg	0,39 kg
Lieferumfang:	Items supplied:			Matériel livré:			
1 Stoßdämpfer SD14.100	1 Shock absorber SD14.100			1 Amortisseur SD14.100			
1 Anschlagschraube AS08.080	1 Stop screw AS08.080			1 Vis d'arrêt AS08.080			
1 Schraube M6x20	1 Screw M6x20			1 Vis M6x20			
2 Schrauben M5x16	2 Screws M5x16			2 Vis M5x16			
2 U-Scheiben M5	2 Washers M5			2 Rondelles M5			



Dicht- und Verschleißteilsätze SM20

Sealing and wearing parts SM20

Lots de joints et de pièces SM20



SM 20

Dicht- und Verschleißteilsätze SM20

Sealing and wearing parts SM20

Lots de joints et de pièces SM20

Position Position Position	Bezeichnung Article Article		
①	Kolbenstange	Piston rod	Barre de piston
②	Kolben	Piston	Piston
③	Kolbendichtung	Piston packing	Joint pour piston
④	O-Ring	O-Ring	Joint torique
⑤	Zylinderdeckel	Cylinder cover	Cylindre couvercle
⑥	Kolbenstangendichtung	Piston rod sealing	Joint pour barre de piston
⑦	Sicherungsring	Snap ring	Circlip
⑧	Sicherungsmutter	Safety nut	Ecrou de sûreté
⑨	Unterlegscheibe	Washer	Rondelle
⑩	Kugelbuchse	Ball bushing	Bôite a roulement à bille
⑪ ⑫	Lardon kurz / lang	Lardon short / long	Lardon court / long
⑬ ⑭	Gewindestift	Thread plug	Goupille

	Dichtungssatz Sealing parts Lots de joints		Verschleißteilsatz Wearing parts Lots de pièces	
Typ Type Type	Lieferumfang Items supplied Matériel livré	Bestellnr. Order No. Article No.	Lieferumfang Items supplied Matériel livré	Bestellnr. Order No. Article No.
SM20/030	① - ⑨	SM20.803	① - ⑩	SM20.903
SM20/060	① - ⑨	SM20.806	① - ⑩	SM20.906
SM20/090	① - ⑨	SM20.809	① - ⑩	SM20.909
SM20/120	① - ⑨	SM20.812	① - ⑩	SM20.912
SM20/150	① - ⑨	SM20.815	① - ⑩	SM20.915
SM20/180	① - ⑨	SM20.818	① - ⑩	SM20.918
SM20/200	① - ⑨	SM20.820	① - ⑩	SM20.920
SM20	③ ④ ⑥	SM20.800		
Lardonsatz Lardon parts Lots de lardon	⑪ ⑫ ⑬ ⑭	SM20.899		

!	Schmierfett ist im Lieferumfang enthalten!	Grease is included in the delivery!	Lubrifiant et inclu en livraison!
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