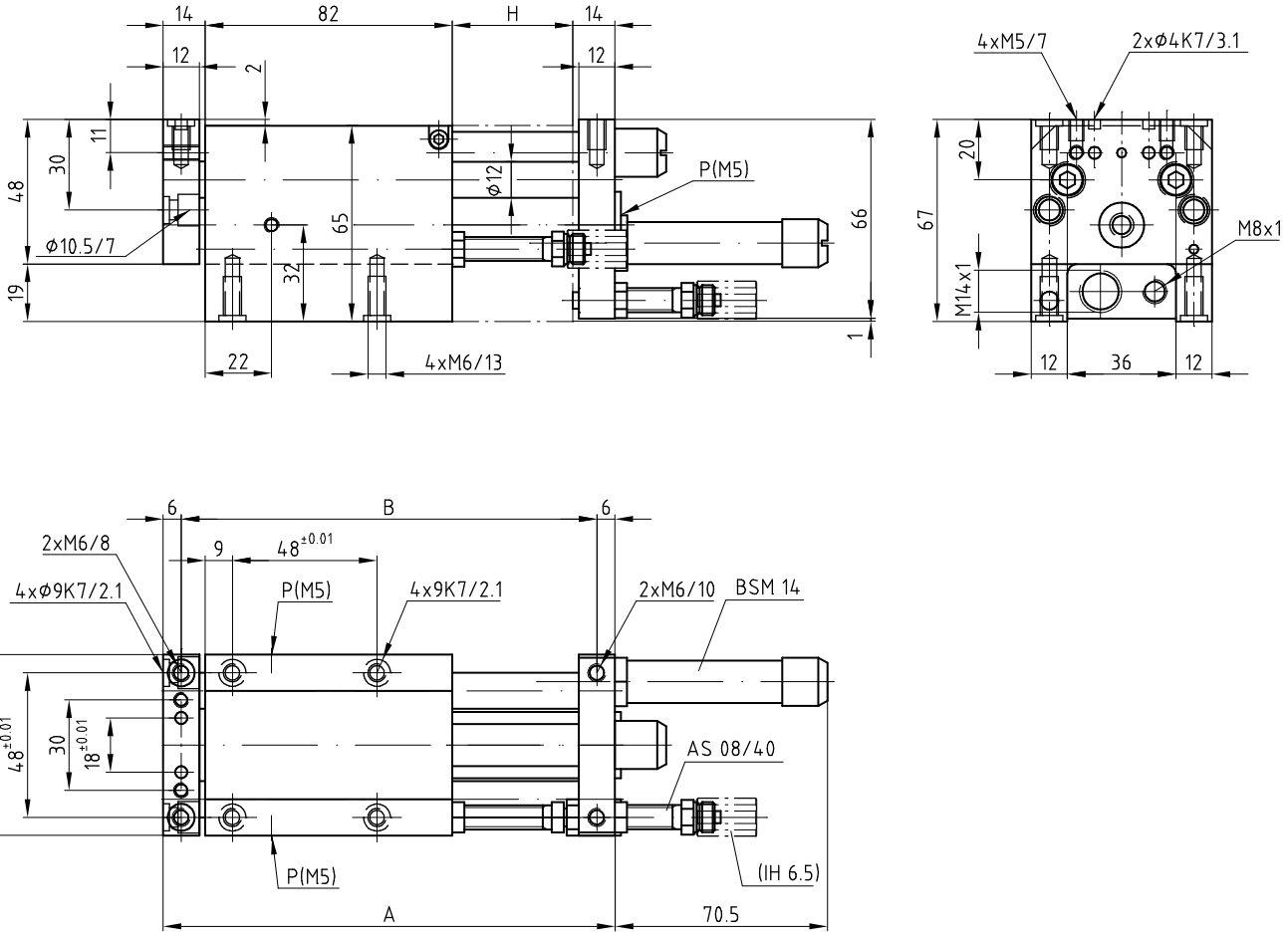
Vertikal-Element VE 20 **Elément vertical VE 20** **Unita' verticale VE 20** **Vertical element VE 20**



P=Luftanschluss M5 P=Raccord d'air M5 P=Raccordi pneumatici M5 P=Air connections M5

Typ	Type	Tipo	Type	VE 20-40	VE 20-80	VE 20-120	VE 20-160
Artikelnummer	No d'article	Codice No.	Reference No.	06.01.000	06.02.000	06.03.000	06.04.000
Nennhub H	Course H	Corsa H	Stroke H	40 mm	80 mm	120 mm	160 mm
Mass A	Dimension A	Dimensione A	Dimension A	150 mm	190 mm	230 mm	270 mm
Mass B	Dimension B	Dimensione B	Dimension B	138 mm	178 mm	218 mm	258 mm

Sonderausführungen auf Anfrage Constructions particulières sur demande Esecuzioni speciali su richiesta Special types on request

Zubehör finden Sie auf den Seiten 1.63, 5.1 Vous trouvez des accessoires aux pages 1.63, 5.1 Per gli accessori, vedi alle pagine 1.63, 5.1 Accessories are to be found on pages 1.63, 5.1

Änderungen vorbehalten
Modifications réservées
Modifiche senza preavviso
Modifcations reserved

Technische Daten | Données techniques | Dati tecnici | Technical data

Typ	Type	Tipo	Typ	VE 20-40	VE 20-80	VE 20-120	VE 20-160
Artikelnummer	No d'article	Codice No.	Reference No.	06.01.000	06.02.000	06.03.000	06.04.000
Nennhub H	Course H	Corsa H	Stroke H	40 mm	80 mm	120 mm	160 mm
Max. Nutzgewicht=m	Charge utile max.=m	Carico utile max.=m	Max. useful load=m	8 kg	8 kg	8 kg	5 kg
Kolbenkraft einfahrend	Force du piston entrer	Forza di rientro	Piston force retract	120 N (5 bar)	120 N (5 bar)	120 N (5 bar)	120 N (5 bar)
Kolbenkraft ausfahrend	Force du piston sortir	Forza di uscita	Piston force exend	140 N (5 bar)	140 N (5 bar)	140 N (5 bar)	140 N (5 bar)
Betriebsdruck	Pression d'air	Pressione aria	Working pressure	3-8 bar	3-8 bar	3-8 bar	3-8 bar
Luftanschlüsse (P)	Raccords d'air (P)	Raccordi pneumatici (P)	Air connectors (P)	M5	M5	M5	M5
Luftverbrauch/H	Consommation d'air/H	Consumo aria/H	Air consumption/H	0.06 NL	0.12 NL	0.18 NL	0.24 NL
Temperaturbereich	Ecart de température	Gamma di temperatura	Temperature range	-10°/ +60°C	-10°/ +60°C	-10°/ +60°C	-10°/ +60°C
Gewicht	Poids	Peso	Weight	1.55 kg	1.65 kg	1.75 kg	1.85 kg
Wiederholgenauigkeiteit	Reproductibilité	Ripetibilità	Positioning repeatability	± 0.01 mm	± 0.01 mm	± 0.01 mm	± 0.01 mm
Einbaulage (beliebig)	Position de montage (à volonté)	Posizione di montaggio (a volontà)	Installation position (any)				

Lieferumfang:	Matériel livré:	Ambito di fornitura:	Items supplied:
2 Anschlagschr. AS 08/40	2 Vis d'arrêt AS 08/40	2 Viti d'arresto AS 08/40	2 Stop screw AS 08/40
2 Stossdämpfer BSM 14	2 Amortisseurs BSM 14	2 Ammortizzatori BSM 14	2 Shock absorbers
2 Positionierringe	2 Bagues de positionnement	2 Anelli di posizionamento	2 Positioning rings

Taktzeit
Messungen bei 5 bar

m=Masse [kg]
t = Hubzeit [s]

Temps de cycle
Mesuré à 5 bar

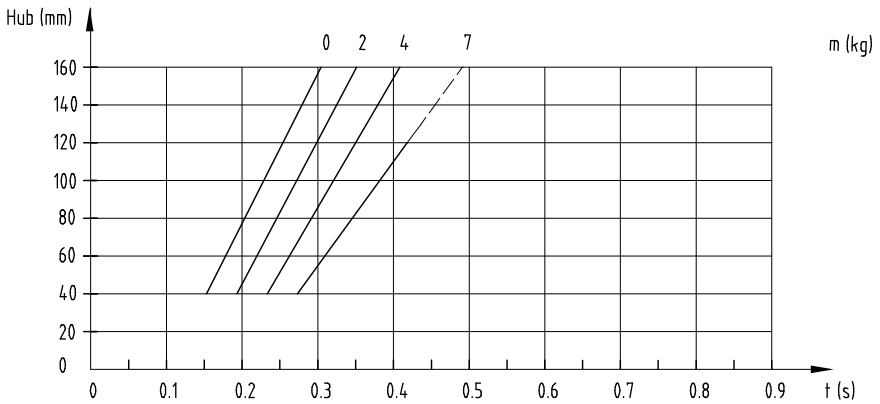
m=Masse [kg]
t = Temps par course [s]

Tempo di ciclo
misurato con 5 bar

m=Massa [kg]
t = Tempo di corsa [s]

Cycle time
Measurements at 5 bar

m=Mass [kg]
t = Stroke time [s]

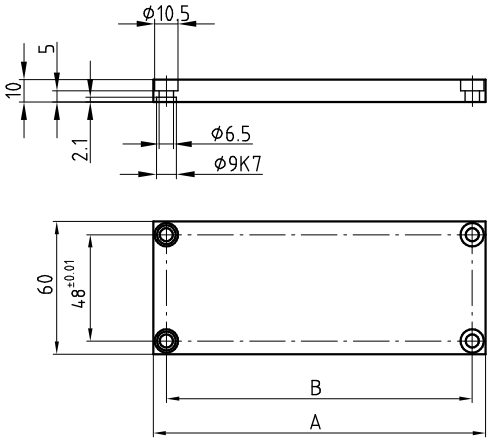


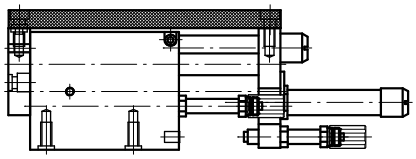
Änderungen vorbehalten
Modifications réservées
Modifiche senza preavviso
Modifcations reserved

Zubehör VE 20 Accessoires VE 20 Accessori VE 20 Accessory VE 20

Montageplatte	Plaque de montage	Piastra di montaggio	Connecting plate	VE 20-40	VE 20-80	VE 20-120	VE 20-160
Artikelnummer	No d'article	Codice No.	Reference No.	06.01.020	06.02.020	06.03.020	06.04.020
Mass A	Dimension A	Dimensione A	Dimension A	150 mm	190 mm	230 mm	270 mm
Mass B	Dimension B	Dimensione B	Dimension B	138 mm	178 mm	218 mm	258 mm
Gewicht	Poids	Peso	Weight	0.24 kg	0.30 kg	0.37 kg	0.42 kg

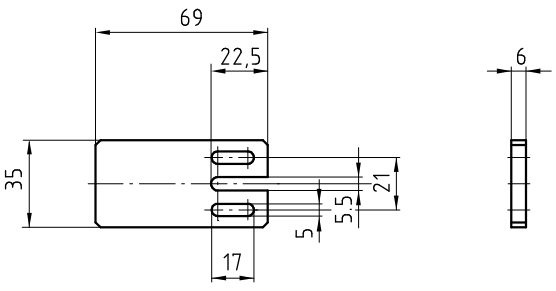
Lieferumfang:	Matériel livré:	Ambito di fornitura:	Items supplied:
2 Positionierringe	2 Bagues de positionnement	2 Anelli di posizionamento	2 Positioning rings
4 Schrauben M6x12	4 Vis M6x12	4 Viti M6x12	4 Screws M6x12

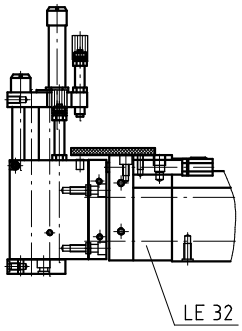




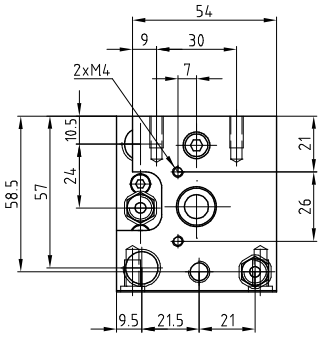
Zwischenanschlag	Plaque butée intermédiaire	Piastra di arresto intermedia	Intermediate stop	06.01.021

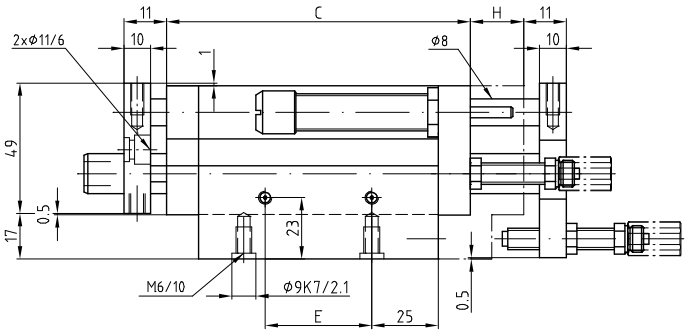
Lieferumfang:	Matériel livré:	Ambito di fornitura:	Items supplied:
1 Anschlagschr. AS 08/40	1 Vis d'arrêt AS 08/40	1 Vite d'arresto AS 08/40	1 Stop screw AS 08/40
1 Stossdämpfer BSM 14	1 Amortisseur BSM 14	1 Ammortizzatore BSM 14	1 Shock absorbers
2 Schrauben M5x16	2 Vis M5x16	2 Viti M5x16	2 Screws M5x16
2 U-Scheibe M5	2 Rondell en U M5	2 Rosette a U M5	2 Washer M5

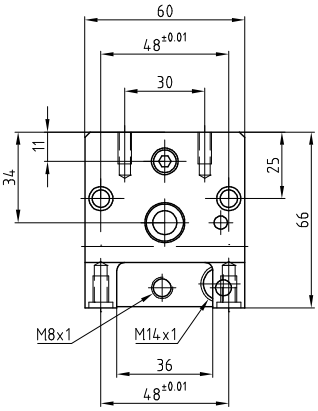


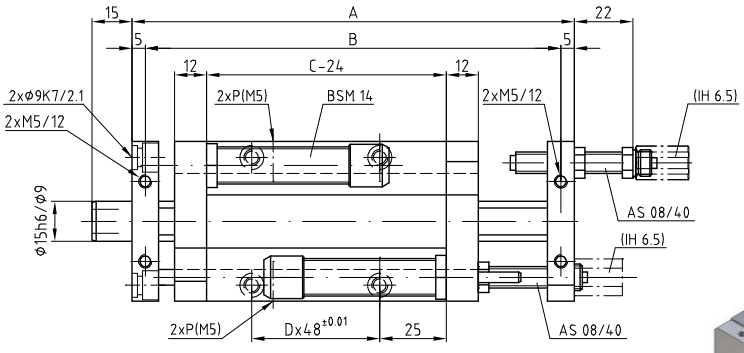


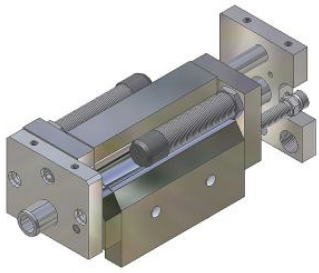
Vertikal-Element VE 25 | Elément vertical VE 25 | Unità verticale VE 25 | Vertical element VE 25











P=Luftanschluss M5 | P=Raccord d'air M5 | P=Raccordi pneumatici M5 | P=Air connections M5

Typ	Type	Tipo	Type	VE 25-30	VE 25-60	VE 25-100
Artikelnummer	No d'article	Codice No.	Reference No.	1000033	1000034	1000035
Nennhub H	Course H	Corsa H	Stroke H	30 mm	60 mm	100 mm
Mass A	Dimension A	Dimensione A	Dimension A	166 mm	226 mm	306 mm
Mass B	Dimension B	Dimensione B	Dimension B	156 mm	216 mm	296 mm
Mass C	Dimension C	Dimensione C	Dimension C	114 mm	144 mm	184 mm
Mass D	Dimension D	Dimensione D	Dimension D	1	1	2
Mass E	Dimension E	Dimensione E	Dimension E	40 mm	70 mm	110 mm

Sonderausführungen auf Anfrage | Constructions particulières sur demande | Esecuzioni speciali su richiesta | Special types on request

Zubehör finden Sie auf den Seiten 2.53, 5.1 | Vous trouvez des accessoires aux pages 2.53, 5.1 | Per gli accessori, vedi alle pagine 2.53, 5.1 | You will find accessories on pages 2.53, 5.1

Änderungen vorbehalten
Modifications réservées
Modifiche senza preavviso
Modifcations reserved

Technische Daten Données techniques Dati tecnici Technical data

Typ	Type	Tipo	Type	VE 25-30	VE 25-60	VE 25-100
Artikelnummer	No d'article	Codice No.	Reference No.	1000033	1000034	1000035
Nennhub H	Course H	Corsa H	Stroke H	30 mm	60 mm	100 mm
Max. Nutzgewicht=m	Charge utile max. =m	Carico utile max. =m	Max. useful load=m	8 kg	7 kg	5 kg
Kolbenkraft einfahrend	Force du piston rentrant	Forza di rientro	Piston force retracted	140 N (5 bar)	140 N (5 bar)	140 N (5 bar)
Kolbenkraft ausfahrend	Force du piston sortant	Forza di uscita	Piston force extended	140 N (5 bar)	140 N (5 bar)	140 N (5 bar)
Betriebsdruck	Pression d'air	Pressione aria	Working pressure	3-8 bar	3-8 bar	3-8 bar
Luftanschlüsse (P)	Raccords d'air (P)	Raccordi pneumatici (P)	Air connectors (P)	M5	M5	M5
Luftverbrauch/H	Consommation d'air/ H	Consumo aria/ H	Air consumption/ H	0.05 NL	0.10 NL	0.16 NL
Temperaturbereich	Ecart de température	Gamma di temperatura	Temperature range	-10°/ + 60°C	-10°/ + 60°C	-10°/ + 60°C
Gewicht	Poids	Peso	Weight	1.6 kg	1.8 kg	2.05 kg
Wiederholgenauigkeit	Reproductibilité	Ripetibilità	Repeating accuracy	± 0.01 mm	± 0.01 mm	± 0.01 mm
Einbaulage (beliebig)	Position de montage (à volonté)	Posizione di montaggio (a volontà)	Any given position (any)			

Lieferumfang:	Matériel livré:	Ambito di fornitura:	Items supplied:
2 Anschlagschr. AS 08/40	2 Vis d'arrêt AS 08/40	2 Viti d'arresto AS 08/40	2 Stop screws AS 08/40
2 Stossdämpfer BSM 14	2 Amortisseurs BSM 14	2 Ammortizzatori BSM 14	2 Shock absorbers BSM 14
2 Positionierringe	2 Bagues de positionnement	2 Anelli di posizionamento	2 Positioning rings

Taktzeit
Messungen bei 5 bar

m=Masse [kg]
t = Hubzeit [s]

Temps de cycle
Mesuré à 5 bar

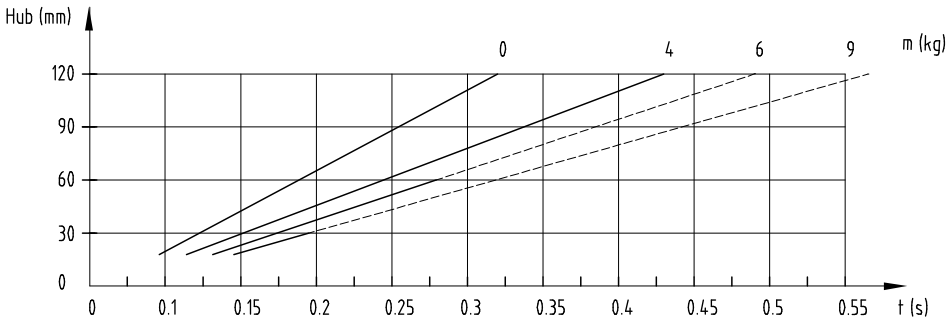
m=Masse [kg]
t = Temps par course [s]

Tempo di ciclo
Misurato con 5 bar

m=Massa [kg]
t = Tempo di corsa [s]

Cycle time
Measurements at 5 bar

m=Mass [kg]
t = Stroke time [s]

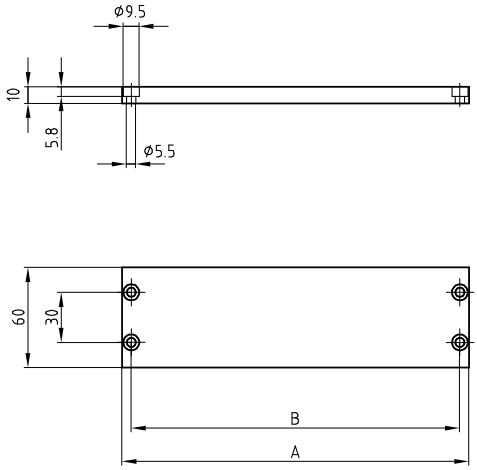


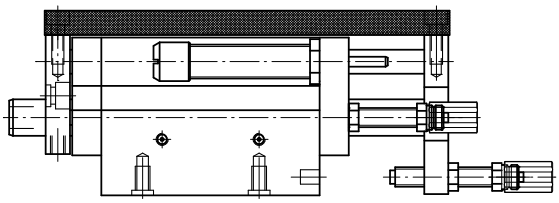
Änderungen vorbehalten
Modifications réservées
Modifiche senza preavviso
Modifcations reserved

Zubehör VE 25 | Accessoires VE 25 | Accessori VE 25 | Accessory VE 25

Montageplatte	Plaque de montage	Piastra di montaggio	Connecting plate	VE 25-30	VE 25-60	VE 25-100
Artikelnummer	No d'article	Codice No.	Reference No.	4000031	4000032	4000033
Mass A	Dimension A	Dimensione A	Dimension A	167 mm	227 mm	307mm
Mass B	Dimension B	Dimensione B	Dimension B	156 mm	216 mm	296 mm
Gewicht	Poids	Peso	Weight	0.26 kg	0.36 kg	0.48 kg

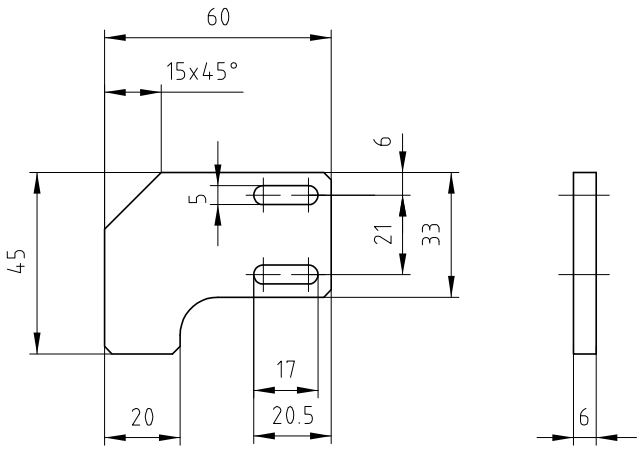
Lieferumfang:	Matériel livré:	Ambito di fornitura:	Items supplied:
4 Schrauben M5x12	4 Vis M5x12	4 Viti M5x12	4 Screws M5x12

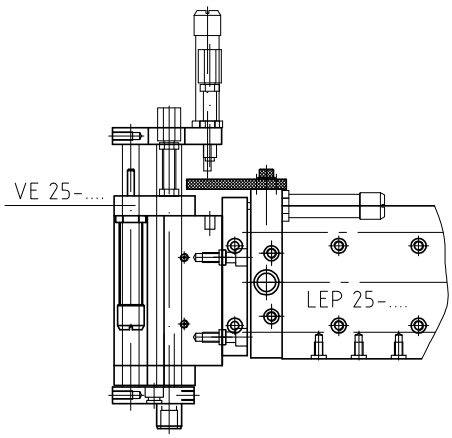




Zwischenanschlag	Plaque butée intermédiaire	Piastra di arresto intermedia	Intermediate stop	4000049

Lieferumfang:	Matériel livré:	Ambito di fornitura:	Items supplied:
2 Schrauben M5x16	2 Vis M5x16	2 Viti M5x16	2 Screws M5x16
2 U-Scheiben M5	2 Rondelles M5	2 Rosette M5	2 Plain washers M5





Änderungen vorbehalten
Modifications réservées
Modifiche senza preavviso
Modifcations reserved