



# AUTOMATIC SPEED DOOR SYSTEMS



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# ASR 216



## ASR 216 TECHNICAL SPECIFICATIONS

DOOR WIDTH Min. & Max	500 MM - 5500 MM	SURFACE AREA MAXIMUM 30 M²
DOOR HEIGHT Min. & Max	1800 MM - 7500 MM	
MOTOR	380 V AC ASYNCHRONOUS 0,55 Kw - 2,2 Kw	
REDUCER	50 - 63 BODY	
BRAKE	80 - 90 BODY, WITH MANUAL DISCHARGE AND MANUAL LEVER	
INSULATED FABRIC	900 - 1700 Gr /M² (SIOEN, MEHLER, HEYTEX, SATTLER ) IMPORTED	
CURTAIN TYPE	IN THE FORM OF TABS, CONNECTED TO EACH OTHER BY WIND PROFILE	
WINDOW	1-3 MM IMPORTED UV RESISTANT TRANSPARENT PVC	
COLUMNS	SPECIAL DESIGN HIGH STRENGTH ALLOY ALUMINUM	
FLOOR PROFILE	UNDER ALUMINUM PROFILE 650 Gr SOFT CANVAS INSIDE SHOCK ABSORBER POLYMER	
IMPACT SYSTEM	DESIGN THAT CAN BE DISMOVED IN CASE OF CRASH	
COLUMN GASKET	BRISTLE SUPPOSITORY ON PVC PLASTIC	
EMERGENCY OPENING	MANUAL LEVER STANDARD (COUNTERWEIGHT OPTIONAL)	
LIMIT CONTROL	DIGITAL ENCODER	
CONTROL UNIT	SPEED CONTROLLED INTERNAL INVERTER CONTROL UNIT MR220	OPTIONAL FIXED SPEED KR380 PANEL
SPEED	STANDARD SPEED: 0.7 M/sec - 1.3 m/sec. ADJUSTABLE SPEED	OPTIONAL UP TO 3M/sec
SECURITY	PHOTOCELL BETWEEN THE DOOR FOR SAFETY	OPTICAL SENSOR IN OPTIONAL LOWER PROFILE, LIGHT CURTAIN
WIND RESISTANCE	0-40 KM/H IS RESISTANT. IT IS USED AS AN INTERIOR DOOR. IT CAN ALSO BE USED OUTDOOR DEPENDING ON THE SIZE.	

## OPENING SYSTEMS

BUTTON	STANDARD
ROPE SWITCH	OPTIONAL
METAL DETECTOR (LOOP)	OPTIONAL
RADAR	OPTIONAL
INDUSTRIAL RADAR	OPTIONAL
REMOTE CONTROL	OPTIONAL
CONTACTLESS BUTTON	OPTIONAL
PASSING WITH CARD AND PASSWORD	OPTIONAL
AUTOMATION COMPATIBILITY	IT IS SUITABLE TO WORK COMPATIBLY WITH ALL AUTOMATION SYSTEMS. CONNECTIONS CAN BE MADE INTER-DOORS.



# AIR 300



## AIR 300 TECHNICAL SPECIFICATIONS

DOOR WIDTH Min. & Max	500 MM - 5500 MM	SURFACE AREA MAXIMUM 30 M <sup>2</sup>
DOOR HEIGHT Min. & Max	1800 MM - 7500 MM	
MOTOR	380 V AC ASYNCHRONOUS 0,55 Kw - 2,2 Kw	
REDUCER	50 - 63 BODY	
BRAKE	80 - 90 BODY, WITH MANUAL DISCHARGE AND MANUAL LEVER	
INSULATED FABRIC	900 - 1700 Gr /M <sup>2</sup> (SIOEN , MEHLER, HEYTEX, SATTLER ) IMPORTED	
CURTAIN TYPE	1 - ) EVA FILLING BETWEEN TWO TARPULINS, COMBINED WITH ALUMINYUM WIND PROFILE. 2-) EVA FILLING MONOLITHIC STRUCTURE BETWEEN TWO TARPULINS 1 - ) EVA FILLING BETWEEN TWO TARPULINS, COMBINED WITH ALUMINYUM WIND PROFILE. 2-) EVA FILLING MONOLITHIC STRUCTURE BETWEEN TWO TARPULINS	
WINDOW	IT IS NOT RECOMMENDED AT LOW TEMPERATURES TO PREVENT THE INSULATION DETERMINED.	IT MAY BE AT OPTIONAL POSITIVE TEMPERATURE. 1-3 MM IMPORTED UV RESISTANT TRANSPARENT PVCIT MAY BE AT OPTIONAL POSITIVE TEMPERATURE. 1-3 MM IMPORTED UV RESISTANT TRANSPARENT PVC
COLUMNS	SPECIAL DESIGN HIGH STRENGTH ALLOY ALUMINUM	IN NEGATIVE TEMPERATURES, HEATER IS USED IN CERTAIN PLACES OF THE DOOR.
FLOOR PROFILE	SOFT FILLED BOTTOM BASE	
IMPACT SYSTEM	DESIGN THAT CAN BE DISMOVED IN CASE OF CRASH	
COLUMN GASKET	BRISTLE SUPPOSITORY ON PVC PLASTIC	
EMERGENCY OPENING	MANUAL LEVER STANDARD (COUNTERWEIGHT OPTIONAL)	
LIMIT CONTROL	DIGITAL ENCODER	
CONTROL UNIT	SPEED CONTROLLED INTERNAL INVERTER CONTROL UNIT MR220	
SPEED	STANDARD SPEED: 0.7 M/sec - 1.5 m/sec. ADJUSTABLE SPEED	OPTIONAL UP TO 3M/sec.
SECURITY	PHOTOCELL BETWEEN THE DOOR FOR SAFETY	OPTICAL SENSOR IN OPTIONAL LOWER PROFILE, LIGHT CURTAIN
WIND RESISTANCE	IT IS RESISTANT TO 0-40 KM/HOUR SPEED. SUITABLE FOR ROOMS WITH POSITIVE AND NEGATIVE TEMPERATURES.	
INSULATION VALUE	THERMAL CONDUCTION COEFFICIENT: 2.43 W/m.k SOUND INSULATION: STC 31dB-38dB	
OPERATING TEMPERATURE	SUITABLE FOR WORKING BETWEEN -40 °C - + 70 °C.	PLEASE SPECIFY THE WORKING TEMPERATURE WHEN ASKING FOR AN OFFER.

## OPENING SYSTEMS

BUTTON	STANDARD
ROPE SWITCH	OPTIONAL
METAL DETECTOR (LOOP)	OPTIONAL
RADAR	OPTIONAL
INDUSTRIAL RADAR	OPTIONAL
REMOTE CONTROL	OPTIONAL
NON-CONTACT BUTTON	OPTIONAL
PASSING WITH CARD AND PASSWORD	OPTIONAL
AUTOMATION COMPATIBILITY	IT IS SUITABLE TO WORK COMPATIBLE WITH ALL AUTOMATION SYSTEMS. CONNECTIONS CAN BE MADE INTER-DOORS.

# AHR 200

# AHR 300



## AHR 200 - 300 TECHNICAL SPECIFICATIONS

DOOR WIDTH Min. & Max	500 MM - 5500 MM	SURFACE AREA MAXIMUM 30 M <sup>2</sup>
DOOR HEIGHT Min. & Max	1800 MM - 7500 MM	
MOTOR	380 V AC ASYNCHRONOUS 1,1 Kw - 4Kw	
REDUCER	50 - 63 - 75 - 90 BODY	
BRAKE	80 - 90 - 100 BODY, WITH MANUAL DISCHARGE AND MANUAL LEVER	
INSULATED FABRIC	900 Gr /M <sup>2</sup> (SIOEN, MEHLER, HEYTEX, SATTLER ) IMPORTED	
CURTAIN TYPE	AHR 200: STEEL SHUTTER PANEL IN BETWEEN TWO SHEETS OF TARPAULIN AHR 300: ALUMINUM POLYURETHANE FILLED ROLLER SHUTTER PANEL BETWEEN TWO TARPAULIN LAYERS.	
WINDOW	NO	MAY BE OPTIONAL. 1-3 MM IMPORTED UV RESISTANT TRANSPARENT PVC
COLUMNS	SPECIAL DESIGN HIGH STRENGTH ALLOY ALUMINUM	
FLOOR PROFILE	THERE IS A SENSOR FOR CRASH SAFETY INSIDE THE ALUMINUM FLOOR PROFILE.	
IMPACT SYSTEM	IT HAS AN IMPACT SENSOR THAT DETECTS THE OBJECTS UNDER IT AND IT CANNOT MOVE OUT.	
COLUMN GASKET	BRISTLE SUPPOSITORY ON PVC PLASTIC	
EMERGENCY OPENING	MANUAL LEVER STANDARD (COUNTERWEIGHT OPTIONAL)	
LIMIT CONTROL	DIGITAL ENCODER	
CONTROL UNIT	SPEED CONTROLLED INTERNAL INVERTER CONTROL UNIT MR220	
SPEED	STANDARD SPEED: 0.4 M/sec - 1.2 m/sec. ADJUSTABLE SPEED	OPTIONAL UP TO 2 M/sec
SECURITY	PHOTOCELL BETWEEN THE DOOR FOR SAFETY	OPTICAL SENSOR IN OPTIONAL LOWER PROFILE, LIGHT CURTAIN
WIND RESISTANCE	0-90 KM/H IS RESISTANT. IT IS GENERALLY USED IN OUTDOOR ENVIRONMENTS. THE PLACES WHERE IT IS MOST USED ARE PARKING PARK ENTRANCES AND EXITS.	
OPERATING TEMPERATURE	SUITABLE FOR WORKING BETWEEN -4 °C - + 70 °C.	

## OPENING SYSTEMS

BUTTON	STANDARD
ROPE SWITCH	OPTIONAL
METAL DETECTOR (LOOP)	OPTIONAL
RADAR	OPTIONAL
INDUSTRIAL RADAR	OPTIONAL
REMOTE CONTROL	OPTIONAL
CONTACTLESS BUTTON	OPTIONAL
PASSING WITH CARD AND PASSWORD	OPTIONAL
AUTOMATION COMPATIBILITY	IT IS SUITABLE TO WORK COMPATIBLE WITH ALL AUTOMATION SYSTEMS. CONNECTIONS CAN BE MADE INTER-DOORS.





# APF 120



## APF 120 TECHNICAL SPECIFICATIONS

DOOR WIDTH Min. & Max	500 MM - 8000 MM	SURFACE AREA MAXIMUM 90 M <sup>2</sup> (IF IT IS NECESSARY TO GO OUTSIDE THIS AREA, IT SHOULD BE SWITCHED TO A DIFFERENT MODEL.)
DOOR HEIGHT Min. & Max	1800 MM - 12000 MM	
MOTOR	380 V AC ASYNCHRONOUS 0,55 Kw - 2,2 Kw	
REDUCER	50 - 63 BODY	
BRAKE	80 - 90 BODY, WITH MANUAL DISCHARGE AND MANUAL LEVER	
INSULATED FABRIC	900 - 1300 Gr /M <sup>2</sup> (SIOEN, MEHLER, HEYTEX, SATTLER ) IMPORTED	
CURTAIN TYPE	STEEL PIPES FOR WIND RESISTANCE BETWEEN MONOLITHIC CURTAIN	
WINDOW	1-3 MM IMPORTED UV RESISTANT TRANSPARENT PVC	
COLUMNS	SPECIAL BENDING DX 51 QUALITY GALVANIZE STEEL	
FLOOR PROFILE	SOFT BOTTOM BASE	
IMPACT SYSTEM	OPTIONAL IMPACT SENSOR	
COLUMN GASKET	COLUMN GASKET MADE FROM TARPAULIN	
EMERGENCY OPENING	MANUAL LEVER STANDARD (COUNTERWEIGHT OPTIONAL)	
LIMIT CONTROL	DIGITAL ENCODER	
CONTROL UNIT	SPEED CONTROLLED INTERNAL INVERTER CONTROL UNIT MR220	OPTIONAL FIXED SPEED KR380 PANEL
SPEED	STANDARD SPEED: 0.7 M/sec - 1.3 m/sec. ADJUSTABLE SPEED	OPTIONAL UP TO 3M/sec
SECURITY	PHOTOCELL WITH REFLECTOR BETWEEN DOOR FOR SAFETY	OPTICAL SENSOR IN OPTIONAL LOWER PROFILE, LIGHT CURTAIN
WIND RESISTANCE	0-110 KM/H IS RESISTANT. IT IS USED AS AN INTERIOR DOOR. IT CAN ALSO BE USED OUT-DOOR DEPENDING ON THE SIZE.	

## OPENING SYSTEMS

BUTTON	STANDARD
ROPE SWITCH	OPTIONAL
METAL DETECTOR (LOOP)	OPTIONAL
RADAR	OPTIONAL
INDUSTRIAL RADAR	OPTIONAL
REMOTE CONTROL	OPTIONAL
CONTACTLESS BUTTON	OPTIONAL
PASSING WITH CARD AND PASSWORD	OPTIONAL
AUTOMATION COMPATIBILITY	IT IS SUITABLE TO WORK COMPATIBLE WITH ALL AUTOMATION SYSTEMS. CONNECTIONS CAN BE MADE INTER-DOORS.

• B6000 •  
• P6058 •  
• P6808 •

English

Fabric	100% PES 1100 dtex	
Weight	900 g/m <sup>2</sup>	DIN EN ISO 2286-2
Lacquering	1/1	
Embossing	Glossy	
Breaking strength	Warp 4000 N/5cm Weft 4000 N/5cm	EN ISO 1421-1
Tear strength	Warp 600 N Weft 500 N	DIN 53 363
Adhesion	100 N/5cm	EN ISO 2411
Temperature resistance	-30/+70°C	DIN EN 1876-2
Light fastness (except white and half-transparent)	7-8	ISO 105 B02
Fire behavior	<100 mm/min	ISO 3795
Application	Truck/Side curtains	

FEATURES OF SIOEN TARPULIN

HEYtex

HEYcargo: vectaplan 8/8 (H5518)

TECHNISCHE DATEN | TECHNICAL DATA

Einsatzmöglichkeit application	LKW- und Anhängerplanen tarpaulins for truck and trailers
Beschichtung coating	PVC
Trägergewebe K/S base fabric W/F	DIN ISO 2076 PES 1100 dtex
Fadendichte K/S pro cm threads W/F per cm	DIN EN ISO 9354 8/8
Flächengewicht (ca.) total weight (approx.)	650 g/m <sup>2</sup> 15 calyd
Höchstzugkraft tensile strength	DIN EN ISO 1421 ≥ 2500/2500 N/5 cm
Weiterreißfestigkeit tear resistance	DIN EN 53363 ≥ 250/250 N ≥ 56/56 lbs
Schweißnahtnahtung welding adhesion	IVK 3.13 ≥ 100 N/5 cm ≥ 11 lbs/inch
Temperaturbeständigkeit temperature resistance	DIN EN 1876-1 -30 °C bis +70 °C -22 °F up to +158 °F
Brennverhalten flame retardancy	ISO 3795 max. 100 mm/min max. 3.9 inch/min
Lichtechtheit light fastness	ISO 105 B02 7-8
Spezialausrüstung special treatment	Hochglanz-lackiert high gloss lacquered

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FEATURES OF HEYTEX TARPULIN

POLYMAR®

Gesamtgewicht Total weight

Poids total

Reißkraft Tensile strength

Resistance rupture

Weiterreißfestigkeit Tear strength

Resistance déchirure

Haftfestigkeit Adhesion

Brennverhalten Fire behaviour

Reaction au feu

Bemerkungen Remarks

entspricht den Materialanforderungen der DIN EN 12641-2  
Complies with DIN EN 12641-2 materials  
Conforme aux exigences de matière selon DIN EN 12641-2

8556  
900 g/m<sup>2</sup>  
EN ISO 2286-2

4300/4000 N/50 mm  
DIN EN ISO 1421/1

500/500 N  
DIN 53363

20 N/cm  
PA 0503 (Intern)

ISO 3795  
< 100 mm/min.

FEATURES OF MEHLER TARPULIN

Sattler PRO-TEX Transport

COMPLAN

Stand 01/2018

TECHNISCHE DATEN TECHNICAL DATA	STANDARDS	641/978 COMPLAN	953 COMPLAN Side Curtain
Grundgewebe base fabric	DIN 60001	Polyester	Polyester
Bindung weave	DIN ISO 9354	1/1	Panama
Flächengewicht total weight	DIN EN ISO 2286-2	670 (g/m <sup>2</sup> )	900 (g/m <sup>2</sup> )
Höchstzugkraft max. tensile strength	DIN EN ISO 1421	3000/3000 (N/5 cm)	4300/4000 (N/5 cm)
Weiterreißkraft tear resistance	DIN 53363	300/300 (N)	600/530 (N)
Haftung adhesion	DIN EN ISO 2411	120 (N/5 cm)	130 (N/5 cm)
Kältebeständigkeit cold resistance	DIN EN 1876-1	-30 °C	-30 °C
Wärmebeständigkeit heat resistance	IVK/Pkt.5	+70 °C	+70 °C
Lichtechtheit light fastness	DIN EN ISO 105-B02	min. 7	min. 7
Brennverhalten burning behaviour	DIN 75 200 ISO 3795	<100 mm/min	<100 mm/min
Knickfestigkeit flex resistance	DIN 53359-Form A	100.000	100.000

APPLICATIONS

FEATURES

Hinweise: Änderungen, die dem technischen Fortschritt dienen, behalten wir uns vor. Werte ohne Toleranzangaben sind Nennwerte mit einer Toleranz von ±5%.  
Note: Subject to change in view of technical progress. Values indicated without tolerance levels are nominal values with a tolerance of ±5%.

SATTLER

FEATURES OF SATTLER TARPULIN



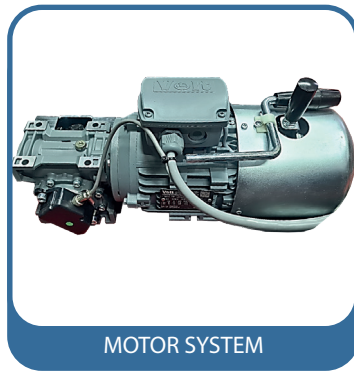
OUR CANVAS BRANDS



EXTERNAL ENCODER



INTERNAL ENCODER



MOTOR SYSTEM



KR 380



MR 220

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