Technical sheet :

AMR ES 616



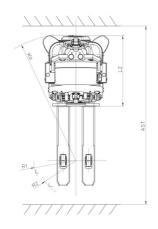


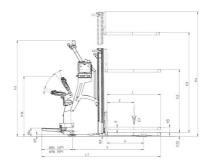
	Technical sharestateter	
	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	0
1.5	Max. capacity	Q
1.6	Load center of gravity	C (C
1.8	Load distance, centre of drive axle to fork (low/raised) - Low position / Raised position	x / Q
1.9	Wheelbase	у
0.1	Wheels The second secon	
3.1	Tires type	
3.5	Number of front wheels / rear wheels	
3.5.2	Number of drive wheels	
3.6	Front wheel gauge	b10
3.7	Rear wheel gauge	b11
	Dimensions	
4.19	Overall length	1
4.20	Length to face of forks	12
4.21	Overall width	b1
4.22	Forks section / width / length	s / e / l
4.24	Fork carriage width	b3
4.32	Ground clearance at centre of wheelbase	m2
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast
4.35	Turning radius	Wa
	Performances	
5.1	Travel speed (laden / unladen)	
5.2	Lifting speed (laden / unladen)	
5.3	Lowering speed (laden / unladen)	
5.8	Max Gradeability (laden / unladen)	
5.10	Service brake	
	Engine	
6.1	Drive motor rating S2 60 min	
6.2	Lift motor rating at \$3 15%	
6.3	Battery according to DIN 43531/35/36 A, B, C	
6.4	Battery voltage / capacity	
6.4.1	Battery max. capacity	
6.5	Battery weight (+/- 5%)	
6.5.1	Battery max. weight	
	Miscellaneous	
8.1	Type of drive control	
8.4	Sound level at the driver's ear according to DIN 12 053	

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AMR ES						
	Metric					
	MANITOU					
	AMR ES616					
	Electrical					
	Carried					
Q	1600 kg					
С	600 mm					
x / Q	725 mm / 685 mm					
у	1457 mm					
	Polyurethane					
	2 / 4					
	1					
b10	531 mm					
b11	380 mm					
1	2178 mm					
12	1021 mm					
b1	800 mm					
s / e / l	60 mm / 185 mm / 1150 mm					
b3	700 mm					
m2	30 mm					
Ast	3003 mm					
Wa	2143 m					
	6 km/h / 6 km/h					
	0.18 m/s / 0.30 m/s 0.27 m/s / 0.22 m/s					
	7 % / 10 %					
	Electro magnetic					
	1.50 kW					
	3 kW					
	DIN 43535-B					
	24 V / 270 Ah					
	375 A					
	255 kg					
	305 kg					
	Variator					
	70 dB					

AMR ES 616 - Dimensional drawing





Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 29	FVD 34	FVD 38	FVD 43
h1 - Mast lowered height	mm	1953	2203	2403	2653
h3 - Mast lifting height	mm	2936	3436	3836	4336
h4 - Mast extended height	mm	3390	3890	4290	4790
Residual capacity at max height	kg	1350	1100	850	720



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