Technical sheet:

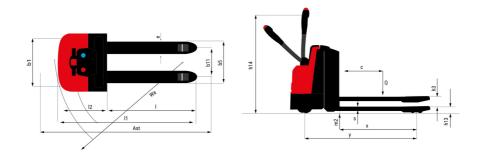
EP 16 EASY





		EP IS EAST U	EP 16 EASY Created on 5 May 2024 at 8:18:38 PM U	
	Technical characteristics		Metric	
1.1	Manufacturer		Manitou	
1.2	Model Name		EP 16 Easy	
1.3	Power source		Electrical	
1.4	Operator type		Pedestrian	
1.5	Max. capacity	Q	1600 kg	
1.6	Load center of gravity	C	600 mm	
1.8	Load distance, centre of drive axle to fork	X	980 mm	
1.9	Wheelbase	У	1415 mm	
	Weight			
2.1	Service weight		493 kg	
2.2	Weight on front axle (laden) / rear axle (laden)		755 kg / 1338 kg	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		373 kg / 120 kg	
	Wheels		3 3	
3.1	Tires type		Polyurethane	
3.2	Dimensions of front wheels		250 x 80	
3.3	Dimensions of rear wheels		85 x 70	
3.4	Size of the stabilizer wheels		100 x 40	
3.5.2	Number of drive wheels / front wheels / rear wheels		1x + 2 / 2	
3.6	Front wheel gauge	b10	540 mm	
3.7	Rear wheel gauge	b11	370 mm	
0.7	Dimensions	511	370 11111	
4.15	Fork height in low position	h13	85 mm	
4.19	Overall length	I1	1770 mm	
4.20	Length to face of forks	12	620 mm	
4.21	Overall width	b1	740 mm	
4.22	Forks section / width / length	s / e / l	64 mm x 170 mm x 1150 mm	
4.25	Fork spread	b5	540 mm	
4.32	Ground clearance at centre of wheelbase	m2	20 mm	
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast	1831 mm	
1.34	Aisle width for 800 x 1200 pallet lengthways	Ast	2031 mm	
4.35	Turning radius	Wa	1556 mm	
4.4	Mast lift	h3	125 mm	
4.4	Height tiller min.	n3 h14	1020 mm	
4.9	Height tiller max.	h14	1350 mm	
4.9	Performances	114	1330 IIIII	
5.1	Travel speed (laden / unladen)		6 km/h / 6 km/h	
5.2	Lifting speed (laden / unladen)		30 mm/s / 45 mm/s	
5.3			50 mm/s / 45 mm/s	
	Lowering speed (laden / unladen)		8 % / 15 %	
5.7	Gradeability (laden / unladen)			
5.10	Service brake		Electro magnetic	
<i>c</i> 1	Engine		1.10 LW	
6.1	Drive motor rating \$2 60 min		1.10 kW	
6.2	Lift motor rating at \$3 15%		0.80 kW	
6.3	Battery according to DIN 43531/35/36 A, B, C		DIN 43535-B	
6.4	Battery voltage / capacity		24 V / 160 Ah	
	Miscellaneous			

EP 16 Easy - Dimensional drawing







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