Technical sheet:

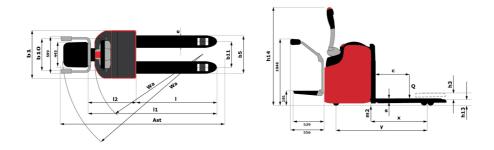
EP 22 PFR 6





		EP 22 PFR 6 Creat	22 PFR 6 Created on November 2, 2025 at 4.30 AW U	
	Technical characteristics		Metric	
1.1	Manufacturer		Manitou	
1.2	Model Name		EP 22 PFR 6	
1.3	Power source		Electrical - Lead	
1.4	Operator type		Carried	
1.5	Max. capacity	Q	2200 kg	
1.6	Load center of gravity	C	600 mm	
1.8	Load distance, centre of drive axle to fork	Х	894 mm	
1.9	Wheelbase	у	1496 mm	
	Weight			
2.1	Service weight		601 kg	
2.2	Weight on front axle (laden) / rear axle (laden)		1239 kg / 1571 kg	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		415 kg / 195 kg	
	Wheels			
3.1	Tires type		Cushion	
3.2	Dimensions of front wheels		1 x (230 x 75)	
3.3	Dimensions of rear wheels		4 x (82 x 68)	
3.5.2	Number of drive wheels / front wheels / rear wheels		1/3/4	
3.6		b10	435 mm	
3.7	Front wheel gauge	b10		
3.7	Rear wheel gauge Dimensions	DII	365 mm	
4.15	Fork height in low position	h13	85 mm	
4.19	Overall length	l1	1855 mm	
4.19	·	12	705 mm	
4.20	Length to face of forks Overall width - Single wheels	b1	688 mm	
	-			
4.21	Overall width	b1	688 mm	
4.22	Forks section / width / length	s / e / l	45 mm x 175 mm x 1150 mm	
4.25	Forks spread	b5	540 mm	
4.32	Ground clearance at centre of wheelbase	m2	40 mm	
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	2250 mm	
4.35	Tuming radius	Wa	1805 mm	
4.4	Mast lifting height	h3	125 mm	
4.9	Height tiller min.	h14	1024 mm	
4.9	Height tiller max.	h14	1276 mm	
	Performances			
5.1	Travel speed (laden / unladen)		5.60 km/h / 6 km/h	
5.2	Lifting speed (laden / unladen)		0.02 m/s / 0.03 m/s	
5.3	Lowering speed (laden / unladen)		0.05 m/s / 0.04 m/s	
5.7	Gradeability (laden / unladen)		10 % / 20 %	
5.10	Service brake		Electro magnetic	
5.11	Parking brake	<u> </u>	Handle Release	
	Engine			
6.1	Drive motor rating S2 60 min		1.70 kW	
6.2	Lift motor rating at S3 15%		2 kW	
6.3	Battery according to DIN 43531/35/36 A, B, C		Traction	
6.4	Battery voltage / capacity		24 V / 270 Ah	
6.5	Battery weight (+/- 5%)		245 kg	
	Miscellaneous			
8.1	Type of drive control		AC	
8.4	Measured/guaranteed mean noise level at the ear of the operator		< 65 dB	
	Vibration on hands/arms		2.50 m/s ²	

EP 22 PFR 6 - Dimensional drawing







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