Technical sheet :

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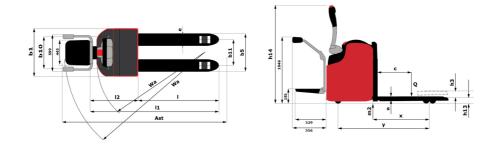




EP 22 PFR 9	Created on A	April 27,	2024	at 3:10:34	AM UTC
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	Technical characteristics		Metric	Imperial
.1	Manufacturer		Manitou	Manitou
.2	Model Name		EP 22 PFR 9	EP 22 PFR 9
.3	Power source		Electrical	Electrical
.4	Operator type		Carried	Carried
.5	Max. capacity	Q	2200 kg	4850 lb
.6	Load center of gravity	С	600 mm	24 in
.8	Load distance, centre of drive axle to fork	х	894 mm	35 in
.9	Wheelbase	v	1496 mm	59 in
	Weight			
2.1	Service weight		630 kg	1389 lb
2.2	Weight on front axle (laden) / rear axle (laden)		1247 kg / 1583 kg	2749 lb / 3490 lb
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		425 kg / 205 kg	937 lb / 452 lb
	Wheels			
8.1	Tires type		Bandage	Bandage
3.2	Dimensions of front wheels		1 x (230 x 75)	1 x (230 x 75)
.3	Dimensions of rear wheels		4 x (82 x 68)	4 x (82 x 68)
.4	Additional wheels (dimensions)		2 x (120 x 50)	2 x (120 x 50)
5.2	· · ·		1x + 3/4	1x + 3 / 4
8.6	Front wheel gauge	b10	435 mm	17 in
8.7	Rear wheel gauge	b11	365 mm	14 in
	Dimensions	511	000 mm	14 10
15	Fork height in low position	h13	85 mm	3 in
19	Overall length	11	1855 mm	73 in
20	Length to face of forks	12	705 mm	28 in
20	Overall width - Single wheels	b1	688 mm	20 m
21	Overall width	b1	688 mm	27 in
22	Forks section / width / length	s/e/l	45 mm x 175 mm x 1150 mm	2 in x 7 in x 45 in
25	Fork spread	b5	540 mm	2111 X 7 111 X 43 111 21 in
32	Ground clearance at centre of wheelbase	m2	40 mm	2 in
34	Aisle width for 800 x 1200 pallet lengthways	Ast	2685 mm	106 in
35	Turning radius	Wa	2250 mm	89 in
.4	Mast lift	h3	125 mm	5 in
.4	Height tiller min.	h14	1024 mm	40 in
.9	Height tiller max.	h14	1276 mm	40 m
.9	Performances	1114	1278 11111	30 111
.1	Travel speed (laden / unladen)		8.50 km/h / 9 km/h	5 mph / 6 mph
2	Lifting speed (laden / unladen)		0.02 m/s / 0.03 m/s	0.10 ft/s / 0.12 ft/s
3	Lowering speed (laden / unladen)		0.05 m/s / 0.04 m/s	0.16 ft/s / 0.15 ft/s
.3 .7	Gradeability (laden / unladen)		12 % / 20 %	12 % / 20 %
.7	Service brake		Electro magnetic	Electro magnetic
11	Parking brake		Handle Release	Handle Release
			Hallule Release	Hallule Release
1	Drive motor rating S2 60 min		1.70 kW	1.70 kW
.1	Lift motor rating at S3 15%		2 kW	1.70 kw 2 kW
.2 .3	5		2 KW No	2 KW No
.3 .4	Battery according to DIN 43531/35/36 A, B, C		No 24 V / 270 Ah	
	Battery voltage / capacity			24 V / 270 Ah
.5	Battery weight (+/- 5%)		245 kg	540 lb
	Miscellaneous		10	10
.1	Type of drive control		AC < 70 dB	AC < 70 dB
.4	Measured/guaranteed mean noise level at the ear of the operator			

EP 22 PFR 9 - Dimensional drawing





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