Technical sheet:

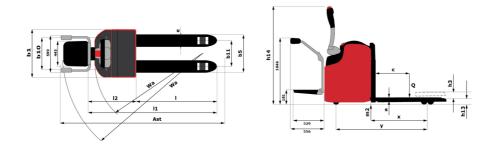
EP 22 PFR 6





| | | | EP 22 PFR 6 Created on April 25, 2024 at 10:28:48 PM UT | |
|------------|---|------------|---|------------------------|
| | Technical characteristics | | Metric | Imperial |
| 1.1 | Manufacturer | | Manitou | Manitou |
| 1.2 | Model Name | | EP 22 PFR 6 | EP 22 PFR 6 |
| 1.3 | Power source | | Electrical | Electrical |
| 1.4 | Operator type | | Carried | Carried |
| 1.5 | Max. capacity | Q | 2200 kg | 4850 lb |
| 1.6 | Load center of gravity | С | 600 mm | 24 in |
| 1.8 | Load distance, centre of drive axle to fork | X | 894 mm | 35 in |
| 1.9 | Wheelbase | у | 1496 mm | 59 in |
| | Weight | | | |
| 2.1 | Service weight | | 601 kg | 1325 lb |
| 2.2 | Weight on front axle (laden) / rear axle (laden) | | 1239 kg / 1571 kg | 2732 lb / 3463 lb |
| 2.3 | Weight on front axle (Unladen) / rear axle (Unladen) | | 415 kg / 195 kg | 915 lb / 430 lb |
| | Wheels | | 3 3 | |
| 3.1 | Tires type | | Bandage | Bandage |
| 3.2 | Dimensions of front wheels | | 1 x (230 x 75) | 1 x (230 x 75) |
| 3.3 | Dimensions of rear wheels | | 4 x (82 x 68) | 4 x (82 x 68) |
| 3.4 | Additional wheels (dimensions) | | 2 x (120 x 50) | 2 x (120 x 50) |
| 5.2 | Number of drive wheels / front wheels / rear wheels | | 1x + 3 / 4 | 1x + 3 / 4 |
| 3.6 | Front wheel gauge | b10 | 435 mm | 17 in |
| 3.7 | Rear wheel gauge | b11 | 365 mm | 14 in |
| ., | Dimensions | DII | 303 11111 | 14111 |
| .15 | Fork height in low position | h13 | 85 mm | 3 in |
| .19 | Overall length | l1 | 1855 mm | 73 in |
| .20 | Length to face of forks | 12 | 705 mm | 28 in |
| .21 | Overall width - Single wheels | b1 | 688 mm | 27 in |
| .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 | 2 III X 7 III X 43 III |
| .32 | Ground clearance at centre of wheelbase | m2 | 40 mm | 2 in |
| .34 | Aisle width for 800 x 1200 pallet lengthways | Ast | 2250 mm | 89 in |
| .35 | Turning radius | Wa | 1805 mm | 71 in |
| | Mast lift | h3 | 125 mm | 5 in |
| l.4 l.9 | | | | |
| .9 | Height tiller min. | h14 h14 | 1024 mm 1276 mm | 40 in 50 in |
| .9 | Height tiller max. | 1114 | 1276 Milli | 50 III |
| 5.1 | Performances | | 5.60 km/h / 6 km/h | 2 mmh / 4 mmh |
| | Travel speed (laden / unladen) | | | 3 mph / 4 mph |
| 5.2 | Lifting speed (laden / unladen) | | 0.02 m/s / 0.03 m/s | 0.10 ft/s / 0.12 ft/s |
| 5.3 | Lowering speed (laden / unladen) | | 0.05 m/s / 0.04 m/s | 0.16 ft/s / 0.15 ft/s |
| 5.7 | Gradeability (laden / unladen) | | 10 % / 20 % | 10 % / 20 % |
| .10 | Service brake | | Electro magnetic | Electro magnetic |
| .11 | Parking brake | | Handle Release | Handle Release |
| 4 | Engine | | 4.70 LW | 4.701.W |
| 5.1 | Drive motor rating \$2.60 min | | 1.70 kW | 1.70 kW |
| 5.2 | Lift motor rating at \$3 15% | | 2 kW | 2 kW |
| 5.3 | Battery according to DIN 43531/35/36 A, B, C | | Traction | Traction |
| 5.4 | Battery voltage / capacity | | 24 V / 270 Ah | 24 V / 270 Ah |
| 5.5 | Battery weight (+/- 5%) | | 245 kg | 540 lb |
| | Miscellaneous | | | |
| 3.1 | Type of drive control | | AC | AC |
| 3.4 | Measured/guaranteed mean noise level at the ear of the operator | | < 65 dB | < 65 dB |
| | Vibration on hands/arms | | 2.50 m/s ² | 2.50 m/s ² |

EP 22 PFR 6 - Dimensional drawing







Head Office

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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