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EPT20-20RA  
Stand-on Pallet Truck 2.0t

EP EQUIPMENT CO.,LTD.  
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# Stand-on Electric Pallet Truck 2.0t

| Characteristics |  |                                      |                  |
|-----------------|--|--------------------------------------|------------------|
| 1.1             | Manufacturer   |                                      | EP               |
| 1.2             | Model designation  |                                      | EPT20-20RA       |
| 1.3             | Drive unit   |                                      | Battery          |
| 1.4             | Operator type  |                                      | Rider stand      |
| 1.5             | Load capacity  | Q (kg)                               | 2000             |
| 1.6             | Load center  | c (mm)                               | 600              |
| 1.8             | Load distance (Raised/ Lowered)                            | x (mm)                               | 916/ 982         |
| 1.9             | Wheelbase  | y (mm)                               | 1420             |
|                 |  |                                      | 1440             |
| Weights         |  |                                      |                  |
| 2.1             | Service weight (Incl. battery)                             | kg                                   | 670              |
| 2.2             | Axle loading, laden operator/load side                     | kg                                   | 1066/ 1604       |
| 2.3             | Axle loading, unladen operator/load side                   | kg                                   | 546/ 124         |
| Wheels, Chassis |  |                                      |                  |
| 3.1             | Tyre type  |                                      | PU/ PU           |
| 3.2             | Tyre size, operator side                                   |                                      | 230x75           |
| 3.3             | Tyre size, load side                                       |                                      | 2x 85x70         |
| 3.4             | Balance wheels (dimensions)                                |                                      | 130x60           |
| 3.5             | Wheels, number operator/load side (x=drive wheels)         |                                      | 1x+ 2/ 2 or 4    |
| 3.6             | Tread, Operator side                                       | b <sub>10</sub> (mm)                 | 510              |
| 3.7             | Tread, Load side   | b <sub>11</sub> (mm)                 | 370/ 515         |
| Dimensions      |  |                                      |                  |
| 4.4             | Lift height  | h <sub>3</sub> (mm)                  | 125              |
| 4.9             | Height of tiller arm in operating position, min/ max       | h <sub>14</sub> (mm)                 | 1150/ 1470       |
| 4.15            | Fork height, lowered                                       | h <sub>13</sub> (mm)                 | 85               |
| 4.19            | Overall length   | l <sub>1</sub> (mm)                  | 1860             |
| 4.20            | Length to face of forks                                    | l <sub>2</sub> (mm)                  | 710              |
| 4.21            | Overall width  | b <sub>1</sub> / b <sub>2</sub> (mm) | 730              |
| 4.22            | Fork dimensions  | s/ e/ l (mm)                         | 55x170x1150      |
| 4.25            | Fork spread, min/ max                                      | b <sub>5</sub> (mm)                  | 540/ 685         |
| 4.32            | Ground clearance, center of wheelbase                      | m <sub>2</sub> (mm)                  | 35               |
| 4.33            | Aisle width, 1000x1200 pallet crossways                    | Ast (mm)                             | 2034             |
| 4.34            | Aisle width, 800x1200 pallet lengthways                    | Ast (mm)                             | 2084             |
| 4.35            | Outer turning radius                                       | Wa (mm)                              | 1700             |
|                 |  |                                      | 1725             |
| Performance     |  |                                      |                  |
| 5.1             | Travel speed, laden/ unladen                               | km/ h                                | 7.5/ 8.5         |
| 5.2             | Lifting speed, laden/ unladen                              | m/ s                                 | 0.056/ 0.060     |
| 5.3             | Lowering speed, laden/ unladen                             | m/ s                                 | 0.057/ 0.057     |
| 5.8             | Maximum gradeability, laden/ unladen S <sub>2</sub> 5 min. | %                                    | 8/ 16            |
| 5.10            | Service brake  |                                      | Electromagnetic  |
| Drive           |  |                                      |                  |
| 6.1             | Drive motor rating S <sub>2</sub> 60 min.                  | kW                                   | 1.5              |
| 6.2             | Lift motor rating at S <sub>3</sub> 15%                    | kW                                   | 2.2              |
| 6.4             | Battery voltage/ rated capacity (5h)                       | V/ Ah                                | 24/ 210          |
| 6.5             | Battery weight   | kg                                   | 190              |
|                 | Battery compartment dimensions l/ w/ h                     | mm                                   | /                |
|                 | Battery type   |                                      | Industry battery |
| Others          |  |                                      |                  |
| 8.1             | Type of drive control                                      |                                      | AC               |
|                 | Manufacturer   |                                      | ZAPI             |
| 8.4             | Sound level at operator's ear                              | dB (A)                               | 74               |

