

OSE120/120P

| Specifications | | | | | OSE120 | OSE120P |
|------------------|---|--|-----------------------|-----------|-----------------|-----------------|
| Identification | 1.1 | Manufacturer | | | Toyota | Toyota |
| | 1.2 | Model | | | OSE120 | OSE120P |
| | 1.3 | Drive | | | Electric | Electric |
| | 1.4 | Operator type | | | Stand on | Stand on |
| | 1.5 | Load capacity/rated load | Q | kg | 1200 | 1200 |
| | 1.6 | Load centre | c | mm | 1200 | 1200 |
| | 1.8 | Load distance, back of fork to bogie wheel centre, short/long support arms | x | mm | 858/973 | 858/973 |
| | 1.9 | Wheelbase | | | | |
| | | short support arms, short/long chassis | y | mm | 2042/2128 | 2042/2128 |
| | | long support arms, short/long chassis | y | mm | 2157/2243 | 2157/2243 |
| Weight | 2.1 | Service weight without battery, short/long chassis | | kg | 1184/1263 | 1184/1263 |
| | 2.2 | Axle load, with load, drive/castor/fork wheels | | | | |
| | | short chassis | | kg | 798/302/913 | 798/302/913 |
| | | long chassis | | kg | 725/110/1138 | 725/110/1138 |
| | 2.3 | Axle load, without load, drive/castor/fork wheels | | | | |
| | | short chassis | | kg | 545/407/246 | 545/407/246 |
| | | long chassis | | kg | 562/395/300 | 562/395/300 |
| Wheels | 3.1 | Drive/castor/fork wheels | | | Polyurethane | Polyurethane |
| | 3.2 | Wheel size, front | | mm | Ø 250x75 | Ø 250x75 |
| | 3.3 | Wheel size, rear | | mm | Ø 85x74 | Ø 85x74 |
| | 3.4 | Additional wheels, dimensions | | mm | Ø 150x78 | Ø 150x78 |
| | 3.5 | Wheels, number front/rear (x = driven wheels) | | | 1x+1/4 | 1x+1/4 |
| Dimensions | 4.2.1 | Overall height | h_{15} | mm | 1370 | 1370/2199 |
| | 4.4 | Lift | h_3 | mm | 715 | 715 |
| | | Lift height | h_{23} | mm | 800 | 800 |
| | 4.8 | Stand height | h_7 | mm | 138 | 138/980 |
| | 4.15 | Height, fork lowered | h_{13} | mm | 85 | 85 |
| | 4.19 | Overall length, short/long chassis | l_1 | mm | 2556/2642 | 2556/2642 |
| | 4.20 | Length to face of forks, short/long chassis | l_2 | mm | 1406/1492 | 1406/1492 |
| | 4.21 | Overall width | b_1 | mm | 790 | 790 |
| | 4.22 | Fork dimensions | s/e/l | mm | 70/180/1150 | 70/180/1150 |
| | 4.25 | Width over forks | b_5 | mm | 520 - 570 | 520 - 570 |
| | 4.31 | Ground clearance | m_1 | mm | 23 | 23 |
| | 4.34 | Aisle width for pallets 800x1200 lengthways | A_{st} | mm | 2813 | 2813 |
| | 4.35 | Turning radius | | | | |
| | | short support arms, short/long chassis | W_a | mm | 2271/2357 | 2271/2357 |
| | long support arms, short/long chassis | W_a | mm | 2386/2472 | 2386/2472 | |
| 4.44 | Clear width driver compartment entrance | l_{24} | mm | 450 | 450 | |
| Performance data | 5.1 | Travel speed, with/without load | | km/h | 8/12 | 8/12 |
| | 5.2 | Lift speed, with/without load | | m/s | 0,13/0,15 | 0,13/0,15 |
| | 5.3 | Lowering speed, with/without load | | m/s | 0,22/0,18 | 0,22/0,18 |
| | 5.8 | Max. gradeability, with/without load ¹⁾ | | % | 5/5 | 5/5 |
| | 5.10 | Service brake | | | Electromagnetic | Electromagnetic |
| Electric motor | 6.1 | Drive motor rating S2 60 min | | kW | 2,8 | 2,8 |
| | 6.2 | Lift motor rating S3 7% | | kW | 2,0 | 2,0 |
| | 6.4 | Battery voltage, nominal capacity K_5 | | V/Ah | 24/620 | 24/620 |
| | 6.5 | Battery weight, min./max. | | kg | 239 - 501 | 239 - 501 |
| | 6.6 | Energy consumption according to VDI cycle | | kWh/h | 0,44 | 0,42 |
| | Other | 8.1 | Type of drive control | | | BT Powerdrive |
| 8.4 | | Sound level at the driver's ear according to EN 12 053 | | dB(A) | 60 | 60 |

1) Measured according to company standard.

Dimensional drawings

