



Let's grow together



ES10-10WA/ES12-12WA
Bias Electric Stacker 1.0-1.2t

EP EQUIPMENT CO.,LTD.
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Bias Electric Stacker 1.0-1.2t

| Characteristics | | | |
|-----------------|--|--------------------------------------|-----------------------------------|
| 1.1 | Manufacturer | | EP |
| 1.2 | Model designation | | ES10-10WA ES12-12WA |
| 1.3 | Drive unit | | Battery |
| 1.4 | Operator type | | Walkie |
| 1.5 | Load capacity | Q (kg) | 1000 1200 |
| 1.6 | Load center | c (mm) | 600 600 |
| 1.8 | Load distance | x (mm) | 700 700 |
| 1.9 | Wheelbase | y (mm) | 1218 1218 |
| Weights | | | |
| 2.1 | Service weight (Incl. battery) | kg | 850 1050 |
| 2.2 | Axle loading, laden operator/load side | kg | 750/ 1500 750/ 1500 |
| 2.3 | Axle loading, unladen operator/load side | kg | 715/ 335 715/ 335 |
| Wheels, Chassis | | | |
| 3.1 | Tyre type | | PU/ PU PU/ PU |
| 3.2 | Tyre size, operator side (diameter x width) | mm | 230x 75 230x 75 |
| 3.3 | Tyre size, load side (diameter x width) | mm | 85x 70 85x 70 |
| 3.4 | Balance wheels (dimensions) | | 85x 50 85x 50 |
| 3.5 | Wheels, number operator/load side (x=drive wheels) | | 1x+ 1/ 2 1x+ 1/ 2 |
| 3.6 | Tread, operator side | b ₁₀ (mm) | 538 538 |
| 3.7 | Tread, load side | b ₁₁ (mm) | 380 380 |
| Dimensions | | | |
| 4.2 | Height, mast lowered | h ₁ (mm) | 1970 1970 |
| 4.3 | Free lift | h ₂ (mm) | 100 100 |
| 4.4 | Lift height | h ₃ (mm) | 3000 3000 |
| 4.5 | Height, mast extended | h ₄ (mm) | 3529 3529 |
| 4.9 | Height of tiller arm in operating position, min/ max | h ₁₄ (mm) | 825/ 1225 825/ 1225 |
| 4.15 | Fork height, lowered | h ₁₃ (mm) | 85 85 |
| 4.19 | Overall length | l ₁ (mm) | 1826 1826 |
| 4.20 | Length to face of forks | l ₂ (mm) | 676 676 |
| 4.21 | Overall width | b ₁ / b ₂ (mm) | 800 800 |
| 4.22 | Fork dimensions | s/ e/ l (mm) | 60/ 170/ 1150 60/ 170/ 1150 |
| 4.25 | Outside fork width, minimum/ maximum | b ₅ (mm) | 550 550 |
| 4.32 | Ground clearance | m ₂ (mm) | 30 30 |
| 4.33 | Aisle width, 1000x1200 pallet crossways | Ast (mm) | 2370 2370 |
| 4.34 | Aisle width, 800x1200 pallet lengthways | Ast (mm) | 2303 2303 |
| 4.35 | Outer turning radius | Wa (mm) | 1463 1463 |
| Performance | | | |
| 5.1 | Travel speed, laden/ unladen | km/ h | 5/ 5.5 5/ 5.5 |
| 5.2 | Lifting speed, laden/ unladen | m/ s | 0.127/ 0.15 0.127/ 0.15 |
| 5.3 | Lowering speed, laden/ unladen | m/ s | 0.23/ 0.22 0.23/ 0.22 |
| 5.8 | Maximum gradeability, laden/ unladen S ₂ 5 min. | % | 8/ 16 8/ 16 |
| 5.10 | Service brake | | Electromagnetic Electromagnetic |
| Drive | | | |
| 6.1 | Drive motor rating S ₂ 60 min. | kW | 1.1 1.1 |
| 6.2 | Lift motor rating at S ₃ 15% | kW | 2.2 2.2 |
| 6.4 | Battery voltage/ rated capacity (5h) | V/ Ah | 24/ 210 24/ 210 |
| 6.5 | Battery weight (with box) | kg | 205 205 |
| | Battery compartment dimensions l/ w/ h | mm | 650/ 540/ 200 650/ 540/ 200 |
| | Battery type | | Industry battery Industry battery |
| Others | | | |
| 8.1 | Type of drive control | | AC AC |
| | Manufacturer | | ZAPI ZAPI |
| 8.4 | Sound level at operator's ear | dB (A) | 74 74 |

* Special lifting height available

