Technical sheet :

ES 720 4W





| | Technical characteristics | | |
|-----|---|-----------|--|
| 1.1 | Manufacturer | | |
| 1.2 | Model Name | | |
| 1.3 | Power source | | |
| 1.4 | Operator type | | |
| 1.5 | Max. capacity | Q | |
| 1.6 | Load center of gravity | С | |
| 1.8 | Load distance, centre of drive axle to fork (low/raised) - Low position | x | |
| 1.9 | Wheelbase | у | |
| | Wheels | | |
| .1 | Tires type | | |
| 4 | Dimensions of castor wheels | | |
| .5 | Number of front wheels / rear wheels | | |
| i.2 | Number of drive wheels | | |
| .6 | Front wheel gauge | b10 | |
| 7 | Rear wheel gauge | b11 | |
| | Dimensions | | |
| 15 | Fork height in low position | h13 | |
| 19 | Overall length | 11 | |
| 20 | Length to face of forks | 12 | |
| 21 | Overall width | b1 | |
| 2 | Forks section / width / length | s / e / l | |
| 5 | Distance between wheel arms/loading surfaces | b4 | |
| | Fork carriage width | b3 | |
| | Ground clearance at centre of wheelbase | m2 | |
| | Turning radius | Wa | |
| | Height tiller min. / max. | h14 / h14 | |
| | Performances | | |
| | Travel speed (laden / unladen) | | |
| | Lifting speed (laden / unladen) | | |
| 3 | Lowering speed (laden / unladen) | | |
| 0 | Service brake | | |
| | Engine | | |
| 1 | Drive motor rating S2 60 min | | |
| .2 | Lift motor rating at S3 15% | | |
| 3 | Battery according to DIN 43531/35/36 A, B, C | | |
| .4 | Battery voltage / capacity | | |
| 4.1 | Battery max. capacity | | |
| .5 | Battery weight (+/- 5%) | | |
| i.1 | Battery max. weight | | |
| | Miscellaneous | | |
| .1 | Type of drive control | | |
| .4 | Sound level at the driver's ear according to DIN 12 053 | | |

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ES 720 4W Electrical Pedestrian 2000 kg 600 mm 690 mm 1194 mm

Polyurethane 125 x (2x50) 5/4 1 878 mm 1610 mm

50 mm 1775 mm 825 mm 1810 mm 40 mm / 120 mm / 1150 mm 1450 mm 1410 mm 50 mm 1476 mm 1030 mm / 1490 mm

6 km/h / 6 km/h

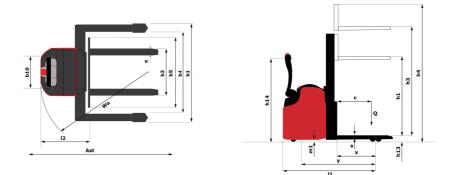
0.14 m/s / 0.24 m/s 0.30 m/s / 0.20 m/s Electro magnetic

1.20 kW

3 kW DIN 43535-B 24 V / 160 Ah 250 A 165 kg 215 kg

> Variator 70 dB

ES 720 4W - Dimensional drawing



Characteristics of masts and residual capacities

| Central Cylinder Simplex (CCS) | | CCS 15 | CCS 17 |
|---------------------------------|----|--------|--------|
| h1 - Mast lowered height | mm | 1939 | 2189 |
| h3 - Mast lifting height | mm | 1466 | 1716 |
| h4 - Mast extended height | mm | 1946 | 2196 |
| Residual capacity at max height | kg | 2000 | 2000 |
| Height at max capacity | mm | 1510 | 1760 |

| Full Visibility Duplex (FVD) | | FVD 29 | FVD 34 | FVD 38 |
|---------------------------------|----|--------|--------|--------|
| h1 - Mast lowered height | mm | 1939 | 2189 | 2389 |
| h3 - Mast lifting height | mm | 2896 | 3396 | 3796 |
| h4 - Mast extended height | mm | 3376 | 2876 | 4276 |
| Residual capacity at max height | kg | 2000 | 1800 | 1600 |
| Height at max capacity | mm | 2940 | | |

| Free Lift Duplex (FLD) | | FLD 29 | FLD 34 |
|---------------------------------|----|--------|--------|
| h1 - Mast lowered height | mm | 1939 | 2189 |
| h2 - Mast free lift | mm | 1466 | 1716 |
| h3 - Mast lifting height | mm | 2891 | 3391 |
| h4 - Mast extended height | mm | 3371 | 3871 |
| Residual capacity at max height | kg | 2000 | 1700 |
| Height at max capacity | mm | 2930 | |

| Free Lift Triplex (FLT) | | FLT 42 |
|---------------------------------|----|--------|
| h1 - Mast lowered height | mm | 1897 |
| h2 - Mast free lift | mm | 1426 |
| h3 - Mast lifting height | mm | 4206 |
| h4 - Mast extended height | mm | 4709 |
| Residual capacity at max height | kg | 1300 |



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