Technical sheet:

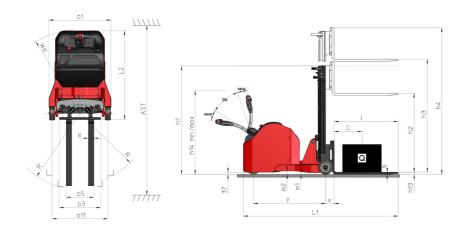
ES-C 716





| | | ES-C 716 Cita | ES-C 716 Cleated On 4 May 2024 at 11.23.36 PM OTC | | |
|-------|---|---------------|---|--|--|
| | Technical characteristics | | Metric | | |
| 1.1 | Manufacturer | | Manitou | | |
| 1.2 | Model Name | | ES-C 716 | | |
| 1.3 | Power source | | Electrical | | |
| 1.4 | Operator type | | Pedestrian | | |
| 1.5 | Max. capacity | Q | 1600 kg | | |
| 1.6 | Load center of gravity | С | 500 mm | | |
| 1.8 | Distance from Load backrest to center of rear axle | X. | 157 mm | | |
| 1.9 | Wheelbase | у | 1470 mm | | |
| | Weight | | | | |
| 2.1 | Service weight | | 2400 kg | | |
| 2.2 | Weight on front axle (laden) / rear axle (laden) | | 520 kg / 3460 kg | | |
| | Wheels | | | | |
| 3.1 | Tires type | | Polyurethane | | |
| 3.3 | Number of load wheels / Size of load wheels | | 2 / 250x100 | | |
| 3.5 | Number of front wheels / rear wheels | | 1 / 2 | | |
| 3.5.2 | Number of drive wheels / Size of drive wheels | | 1/254x100 | | |
| 3.7 | Rear wheel gauge | b11 | 1003 mm | | |
| | Dimensions | | | | |
| 4.15 | Fork height in low position | h13 | 45 mm | | |
| 4.19 | Overall length | l1 | 2790 mm | | |
| 4.20 | Length to face of forks | 12 | 1640 mm | | |
| 4.21 | Overall width | b1 | 1120 mm | | |
| 4.22 | Forks section / width / length | s / e / I | 40 mm / 100 mm / 1150 mm | | |
| 4.24 | Fork carriage width | b3 | 750 mm | | |
| 4.31 | Ground clearance below mast | m1 | 31 mm | | |
| 4.32 | Ground clearance at centre of wheelbase | m2 | 62 mm | | |
| 4.33 | Aisle Width for pallets 1000 x 1200 crossways | Ast | 3128 mm | | |
| 4.35 | Turning radius | Wa | 1660 mm | | |
| 4.9 | Height tiller min. / max. | h14 / h14 | 1088 mm / 1308 mm | | |
| | Performances | | | | |
| 5.1 | Travel speed (laden / unladen) | | 6 km/h / 6 km/h | | |
| 5.2 | Lifting speed (laden / unladen) | | 0.11 m/s / 0.20 m/s | | |
| 5.3 | Lowering speed (laden / unladen) | | 0.22 m/s / 0.21 m/s | | |
| 5.8 | Max Gradeability (laden / unladen) | | 5 % / 8 % | | |
| 5.10 | Service brake | | Electro magnetic | | |
| | Engine | | | | |
| 6.1 | Drive motor rating S2 60 min | | 2 kW | | |
| 6.2 | Lift motor rating at S3 15% | | 4 kW | | |
| 6.3 | Battery according to DIN 43531/35/36 A, B, C | | DIN 43535-B | | |
| 6.4 | Battery voltage / capacity | | 24 V / 315 Ah | | |
| 6.4.1 | Battery max. capacity | | 375 A | | |
| 6.5 | Battery weight (+/- 5%) | | 275 kg | | |
| 6.5.1 | Battery max. weight | | 300 kg | | |
| | Miscellaneous | | | | |
| 8.1 | Type of drive control | | AC | | |
| 8.4 | Sound level at the driver's ear according to DIN 12 053 | | 65 dB | | |

ES-C 716 - Dimensional drawing



Characteristics of masts and residual capacities

| Central Cylinder Duplex (CCD) | | CCD 29 | CCD 34 | CCD 38 |
|---------------------------------|----|--------|--------|--------|
| h1 - Mast lowered height | mm | 1955 | 2205 | 2405 |
| h2 - Mast free lift | mm | 1420 | 1420 | 1420 |
| h3 - Mast lifting height | mm | 2900 | 3400 | 3800 |
| h4 - Mast extended height | mm | 3400 | 3960 | 4360 |
| Residual capacity at max height | kg | 1600 | 1600 | 1250 |

| Central Cylinder Simplex (CCS) | | CCS 15 | CCS 17 |
|---------------------------------|----|---------|--------|
| h1 - Mast lowered height | mm | 1955 | 2205 |
| h2 - Mast free lift | mm | 1420 | 1420 |
| h3 - Mast lifting height | mm | 1500 | 1700 |
| h4 - Mast extended height | mm | 2030000 | 2280 |
| Residual canacity at max height | kn | 1600 | 1600 |

| Free Lift Duplex (FLD) | | FLD 29 | FLD 34 |
|---------------------------------|----|--------|--------|
| h1 - Mast lowered height | mm | 1955 | 2205 |
| h2 - Mast free lift | mm | 1420 | 1420 |
| h3 - Mast lifting height | mm | 2900 | 3400 |
| h4 - Mast extended height | mm | 3460 | 3960 |
| Residual capacity at max height | kg | 1600 | 1600 |

| Free Lift Triplex (FLT) | | FLT 42 | FLT 47 | FLT 54 |
|---------------------------------|----|--------|--------|---------|
| h1 - Mast lowered height | mm | 1915 | 2075 | 2315 |
| h2 - Mast free lift | mm | 1420 | 1420 | 1420 |
| h3 - Mast lifting height | mm | 4200 | 4700 | 5400 |
| h4 - Mast extended height | mm | 4770 | 5250 | 5980000 |
| Residual capacity at max height | kg | 1050 | 850 | 650 |





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