Technical sheet :

AMR ES 614



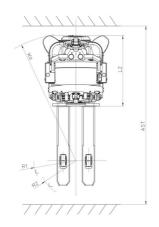


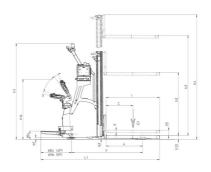
MANITOU AMR ES614 Electrical - Lead Carried 1400 kg 600 mm 725 mm / 685 mm 1457 mm

Polyurethane 2/4 1 531 mm 380 mm 84 mm 2171 mm 1021 mm 800 mm 60 mm / 185 mm / 1150 mm 700 mm 30 mm 2464 mm 2438 mm 2143 m 6 km/h / 6 km/h 0.18 m/s / 0.30 m/s 0.27 m/s / 0.22 m/s 7 % / 10 % Electro magnetic 1.50 kW 3 kW DIN 43535-B 24 V / 270 Ah 375 A 255 kg 305 kg Variator 70 dB

| | | AMRES 614 Cleated 0 |
|-------|---|---------------------|
| | 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 / Raised position | x / Q |
| 1.9 | Wheelbase | у |
| | Wheels | |
| 3.1 | Tires type | |
| 3.5 | Number of front wheels / rear wheels | |
| 3.5.2 | Number of drive wheels | |
| 3.6 | Front wheel gauge | b10 |
| 3.7 | Rear wheel gauge | b11 |
| | Dimensions | |
| 4.15 | Fork height in low position | h13 |
| 4.19 | Overall length | 11 |
| 4.20 | Length to face of forks | 12 |
| 4.21 | Overall width | b1 |
| 4.22 | Forks section / width / length | s / e / l |
| 4.24 | Fork carriage width | b3 |
| 4.32 | Ground clearance at centre of wheelbase | m2 |
| 4.33 | Aisle Width for pallets 1000 x 1200 crossways | Ast |
| 4.34 | Aisle width for 800 x 1200 pallet lengthways | Ast |
| 4.35 | Turning radius | Wa |
| | Performances | |
| 5.1 | Travel speed (laden / unladen) | |
| 5.2 | Lifting speed (laden / unladen) | |
| 5.3 | Lowering speed (laden / unladen) | |
| 5.8 | Max Gradeability (laden / unladen) | |
| 5.10 | Service brake | |
| | Engine | |
| 6.1 | Drive motor rating S2 60 min | |
| 6.2 | Lift motor rating at S3 15% | |
| 6.3 | Battery according to DIN 43531/35/36 A, B, C | |
| 6.4 | Battery voltage / capacity | |
| 6.4.1 | Battery max. capacity | |
| 6.5 | Battery weight (+/- 5%) | |
| 6.5.1 | Battery max. weight | |
| | Miscellaneous | |
| 8.1 | Type of drive control | |
| 8.4 | Sound level at the driver's ear according to DIN 12 053 | |
| | | |

AMR ES 614 - Dimensional drawing





Characteristics of masts and residual capacities

| Full Visibility Duplex (FVD) | | FVD 29 | FVD 34 | FVD 38 | FVD 43 |
|---------------------------------|----|--------|--------|--------|--------|
| h1 - Mast lowered height | mm | 1953 | 2203 | 2403 | 2653 |
| h3 - Mast lifting height | mm | 2936 | 3436 | 3836 | 4336 |
| h4 - Mast extended height | mm | 3390 | 3890 | 4290 | 4790 |
| Residual capacity at max height | kg | 1300 | 1050 | 800 | 670 |



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