Technical sheet :

ES 612 LI (5PTS)



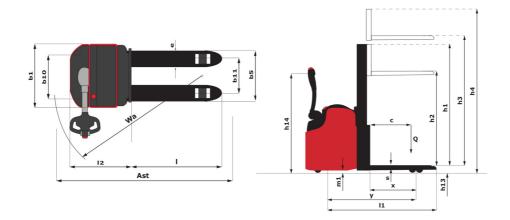


Manitou ES 612 LI 5 points Electrical

	Technical characteristics	
1	Manufacturer	
2	Model Name	
	Power source	
	Operator type	
	Max. capacity	
	Load center of gravity	
	Distance from Load backrest to center of rear axle	
	Wheelbase	
	Weight	
	Service weight	
	Weight on front axle (laden) / rear axle (laden)	
	Weight on front axle (Unladen) / rear axle (Unladen)	
	Wheels	
	Tires type	
	Number of load wheels / Size of load wheels	
	Number of stabilizer wheels / Size of the stabilizer wheels	
	Number of front wheels / rear wheels	
	Number of drive wheels / Size of drive wheels	
	Front wheel gauge	
	Rear wheel gauge	
	Dimensions	
	Initial lift	
	Overall length	
	Length to face of forks	
	Overall width	
	Forks section / width / length	
	Fork carriage width	
	Ground clearance at centre of wheelbase	
	Aisle Width for pallets 1000 x 1200 crossways	
	Aisle width for 800 x 1200 pallet lengthways	
	Turning radius	
	Height tiller min. / max.	
	Performances	
	Travel speed (laden / unladen)	
	Lifting speed (laden / unladen)	
	Lowering speed (laden / unladen)	
	Max Gradeability (laden / unladen)	
	Service brake	
	Engine	
	Drive motor rating S2 60 min	
	Lift motor rating at S3 15%	
	Battery according to DIN 43531/35/36 A, B, C	
	Battery voltage / capacity	
	Battery weight (+/- 5%)	
	Miscellaneous	
	Type of drive control	
	Sound level at the driver's ear according to DIN 12 053	
	Sound level at the unversional according to Dily 12 035	

Pedestrian
1200 kg
600 mm
834 mm
1492 mm
1251 kg
1295 kg / 1163 kg
1328 kg / 1003 kg
Bandage
2 / 140x60
1 / 140x60
3 / 4
1/230x70
529 mm
380 mm
110 mm
2162 mm
973 mm
800 mm
60 mm / 185 mm / 1190 mm
700 mm
30 mm
2398 mm
2394 mm
1849 mm
750 mm / 1250 mm
4.50 km /k / 4.50 km /k
4.50 km/h / 4.50 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 / 180 Ah
189 kg
103 Kg
AC
65 dB
00 00

ES 612 LI (5pts) - Dimensional drawing



Characteristics of masts and residual capacities

Central Cylinder Simplex (CCS)		CCS 15	CCS 17
h1 - Mast lowered height	mm	1953	2203
h2 - Mast free lift	mm	1506	1756
h3 - Mast lifting height	mm	1506	1756
h4 - Mast extended height	mm	1960	2210
Residual capacity at max height	kg	1200	1200

Free Lift Duplex (FLD)		FLD 29	FLD 34
h1 - Mast lowered height	mm	1953	2203
h2 - Mast free lift	mm	1506	1756
h3 - Mast lifting height	mm	2931	3431
h4 - Mast extended height	mm	3385	3885
Residual capacity at max height	kg	1200	900

Free Lift Triplex (FLT)		FLT 42
h1 - Mast lowered height	mm	1911
h2 - Mast free lift	mm	1466
h3 - Mast lifting height	mm	4246
h4 - Mast extended height	mm	4723
Residual capacity at max height	kg	550



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