Technical sheet :

ES 616 LI (5PTS)



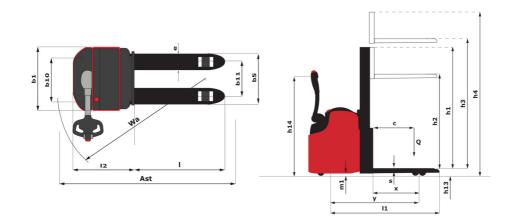


ES 616 LI (SPTS) Created on September 13, 2025 at 9:29 AM UTC

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8.1 Type of drive control	6.5	Battery weight (+/- 5%)	
		Miscellaneous	
8.4 Sound level at the driver's ear according to DIN 12 053	8.1	Type of drive control	
	8.4	Sound level at the driver's ear according to DIN 12 053	

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	Metric
	Manitou
	ES 616 LI (5pts)
	Electrical - Lead
	Pedestrian
Q	1600 kg
C	600 mm
х	729 mm
у	1393 mm
	1280 kg
	1070 kg / 1855 kg
	905 kg / 375 kg
	Polyurethane
	4 / 82 x 68
	2 / 120 x 54
	3 / 4
	1/230x70
b10	558 mm
b11	380 mm
h5	110 mm
h13	86 mm
11	1995 mm
12	846 mm
b1	800 mm
s / e / l	60 mm / 185 mm / 1150 mm
b3	700 mm
m2	24 mm
Ast	2399 mm
Ast	2402 mm
Wa	1597 mm
h14 / h14	750 mm / 1250 mm
	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 / 180 Ah
	220 kg
	AC
	65 dB

ES 616 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	1600	1600

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	1300	1000

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		600



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