Technical sheet :

ES 612 LI (5PTS)

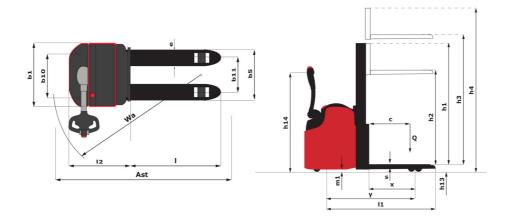




Tech	nical characteristics
1.1 Manu	ufacturer
1.2 Mode	el Name
1.3 Powe	er source
1.4 Oper	ator type
· ·	capacity
	center of gravity
	ance from Load backrest to center of rear axle
	elbase
Weig	
	ce weight
	ht on front axle (laden) / rear axle (laden)
5	ht on front axle (Unladen) / rear axle (Unladen)
2.3 Weig Whe	
	type ber of load wheels / Size of load wheels
	ber of stabilizer wheels / Size of the stabilizer wheels
	ber of front wheels / rear wheels
	ber of drive wheels / Size of drive wheels
	t wheel gauge
	wheel gauge
	ensions
4.6 Initia	
	all length
-	th to face of forks
	all width
.22 Forks	s section / width / length
24 Fork	carriage width
.32 Grou	nd clearance at centre of wheelbase
.33 Aisle	e Width for pallets 1000 x 1200 crossways
.34 Aisle	e width for 800 x 1200 pallet lengthways
.35 Turni	ing radius
4.9 Heig	ht tiller min. / max.
Perfo	omances
5.1 Trave	el speed (laden / unladen)
5.2 Liftir	ng speed (laden / unladen)
5.3 Lowe	ring speed (laden / unladen)
5.8 Max	Gradeability (laden / unladen)
.10 Servi	ce brake
Engi	ne de la companya de
1 Drive	motor rating S2 60 min
2 Lift r	notor rating at S3 15%
5.3 Batte	ry according to DIN 43531/35/36 A, B, C
	ry voltage / capacity
	ry weight (+/- 5%)
	ellaneous
	of drive control
21	d level at the driver's ear according to DIN 12 053

(5 P 7	rs) Created on May 3, 2024 at 8:25:24 PM UTC
	Metric
	Manitou
	ES 612 LI 5 points
	Electrical
	Pedestrian
Ç	1200 kg
C	600 mm
ĸ	834 mm
y	1492 mm
	1251 kg
	1295 kg / 1163 kg
	1328 kg / 1003 kg
	1320 kg / 1003 kg
	Bandage
	2 / 140x60
	1 / 140x60
	3 / 4
	1/230x70
10	529 mm
11	380 mm
5	110 mm
1	2162 mm
2	973 mm
1	800 mm
e/l	60 mm / 185 mm / 1190 mm
3	700 mm
12	30 mm 2398 mm
st st	2398 mm
a la	1849 mm
/ h14	750 mm / 1250 mm
1114	, oo min , 1200 min
	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
	AC
	65 dB
	05 05

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		550



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