



ES16-RS

1.6T Electric stacker

- Ride on pallet stacker for industrial application.
- Available with standard and Li-Ion Battery.

Product parameters

Distinguishing mark			
1.1	Manufacturer		EP
1.2	Model designation		ES16-RS
1.3	Drive unit		Electric
1.4	Operator type		Standing
1.5	rated capacity	Q	kg 1600
1.6	Load center distance	c	mm 600
1.8	Load distance, centre of drive axle to fork	x	mm 693
1.9	Wheelbase	y	mm 1375
Weight			
2.1	Service weight (include battery)		kg 1160
2.2	Axle loading, laden driving side/loading side		kg 920/1840
2.3	Axle loading, unladen driving side/loading side		kg 820/340
Types,Chassis			
3.1	Tyre type Driving wheels/Loading wheels		PU/PU
3.2	Tyre size, driving wheels (diameter×width)	mm	Φ230×75
3.3	Tyre size, loading wheels (diameter×width)	mm	Φ85×70
3.4	Tyre size, caster wheels (diameter×width)	mm	Φ130×55
3.5	Wheels, number driving, caster/loading (x=drive wheels)	mm	1x +1/4
3.6	Track width, front,driving side	b ₁₀	mm 574
3.7	Track width, rear,loading side	b ₁₁	mm 380/410/495
Dimensions			
4.2	Height, mast lowered	h ₁	mm 2020
4.3	Free lift	h ₂	mm 100
4.4	Lift height	h ₃	mm 2950
4.5	Height, mast extended	h ₄	mm 3465
4.9	Height drawbar in driving position min./max.	h ₁₄	mm 1150/1480
4.15	Lowered height	h ₁₃	mm 88
4.19	Overall length	l ₁	mm 2035
4.20	Length to face of forks	l ₂	mm 879
4.21	Overall width	b ₁	mm 850
4.22	Fork dimensions	s/ e/ l	mm 60×190×1150
4.24	Fork carriage width	b ₃	mm 800
4.25	Outside width of the forks	b ₅	mm 570/600/685
4.32	Ground clearance, center of wheelbase	m ₂	mm 28
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm 2605/2965
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm 2575/2935
4.35	Turning radius	Wa	mm 1730/2090
Performance data			
5.1	Travel speed, laden/ unladen	km/ h	5.5/6.0
5.2	Lifting speed, laden/ unladen	m/ s	0.13/0.16
5.3	Lowering speed, laden/ unladen	m/ s	0.30/0.22
5.8	Max. gradeability, laden/unladen	%	8/16
5.10	Service brake type		Electromagnetic
Electric-engine			
6.1	Drive motor rating S2 60 min	kW	1.6
6.2	Lift motor rating at S3 15%	kW	3.0
6.3	The maximum allowed size battery	mm	834×216×630
6.5	Battery weight	kg	60
	Standard battery pack capacity	V/AH	24V/210AH
	Chemical Material		LFP
	Charger	V/A	24V/100A
Addition data			
8.1	Type of drive unit		AC
10.5	Steering type		Electronic
10.7	Sound pressure level at the driver's ear	dB (A)	74