



Model:
CQD16-DNA

 Conforms to
EN ISO3691-1 EN 1175
EN 16307-1 EN 12100-1
EN 12053-2001 EN 13059-2002

		1KG=2.205LB 1INCH=25.40MM	
Characteristics	1.2	Manufacturer's type designation	CQD16-DNA
	1.3	Drive: electric (battery type, mains, ...), diesel, petrol, fuel gas	Electric
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker	Seated
	1.5	Rated capacity/rated load	Q (kg) 1600
	1.6	Load centre distance	c (mm) 600
Wheel chassis	1.8	Load distance, centre of drive axle to fork	x (mm) 391
	1.9	Wheelbase	y (mm) 1420
	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane	Polyurethane
	3.2	Tyre size, front	mm Φ343 × 140
	3.3	Tyre size, rear	mm Φ285 × 100
Dimension	3.4	Additional wheels (dimensions)	mm -
	3.5	Wheels, number front/rear (× = driven wheels)	1x/2
	3.6	Tread, front	b10 (mm) -
	3.7	Tread, rear	b11 (mm) 1146
	4.1	Tilt of mast/fork carriage forward/backward	a/b (°) 2/4
	4.2	Height, mast lowered	h1 (mm) 2240/2490/2740/2340/2400/2480/2740/3190/3390/3590/3890
	4.3	Free lift	h2 (mm) 0/0/0/1345/1405/1485/1745/2195/2395/2595/2895
	4.4	Lift	h3 (mm) 3000/3500/4000/5000/5300/5500/6200/7400/8000/8600/9500
	4.5	Height, mast extended	h4 (mm) 3965/4465/4965/5965/6565/6465/7165/8365/8965/9565/10465
	4.7	Height of overhead guard (cabin)	h6 (mm) 2210
	4.19	Overall length	l1 (mm) 2362
	4.20	Length to face of forks	l2 (mm) 1292
	4.21	Overall width	b1/b2 (mm) 1260/1270
	4.22	Fork dimensions DIN ISO 2331	s / e / l (mm) 40/120/1070
Parameter	4.23	Fork carriage ISO 2328, class/type A, B	2B
	4.24	Fork-carriage width	b3 (mm) 911
	4.25	Fork spread	b5 (mm) 748
	4.26	Distance between wheel arms/loading surfaces	b4 (mm) 900
	4.28	Reach distance	l4 (mm) 585
	4.31	Ground clearance, laden, below mast	m1 (mm) 88
	4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast (mm) 2740
	4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast (mm) 2780
	4.35	Turning radius	Wa (mm) 1683
	4.37	Length across wheel arms	l7 (mm) 1843
Motor	5.1	Travel speed, laden/unladen	km/h 13/14
	5.2	Lift speed, laden/unladen	m/s 0.29/0.45(0.35/0.45)
	5.3	Lowering speed, laden/unladen	m/s 0.50/0.42
	5.4	Reaching speed, laden/unladen	m/s 0.12/0.12
	5.8	Max. gradeability, laden/unladen	% 10/10
Others	5.10	Service brake	Electromagnetic
	6.1	Drive motor rating S2 60 min	kW 6.5(AC)
	6.2	Lift motor rating at S3 15%	kW 8.2/(12)(AC)
	6.4	Battery voltage/nominal capacity K5	(V)/(Ah) or kWh 48/420
	6.5	Battery weight	kg 650
Others	10.7	Sound pressure level at the driver's seat	dB (A) 65

