GL 5 Picking Series horizontal electronic order picker

Technical data in line with VDI 2198

as at: 04/2012

Identification	1.1	Manufacturer (abbreviation)		Icem
	1.2	Manufacturer's type designation		**GL 5 Picking**
	1.3	Drive		electric
	1.4	Type of operation		stand
	1.5	Load capacity/rated load	Q (t)	0.5
	1.6	Load centre distance	c (mm)	600
	1.8	Load distance, centre of drive axle to fork	x (mm)	701
	1.9	Wheelbase	y (mm)	1784
Weights	2.1	Service weight incl. battery (see line 6.5)	kg	1150
	2.2	Axle loading, laden front/rear	kg	878/772
	2.3	Axle loading, unladen front/rear	kg	850/300
Wheels, Chassis	3.1	Tyres		PU
	3.2	Tyre size, front	mm	Ø 250
	3.3	Tyre size, rear	mm	Ø 85
	3.4	Additional wheels (dimensions)	mm	Ø 150
	3.5	Wheels, number front/rear (x = driven wheels)		1x+2/2
	3.6	Track width, front	b_{10} (mm)	740
	3.7	Track width, rear	b_{11} (mm)	390
Basic dimensions	4.4	Lift height	h_3 (mm)	1095
	4.8	Standing height	h_7 (mm)	105
	4.9	Height of tiller in drive position min./max.	h_{14} (mm)	1285/1630
	4.14	Standing height, elevated	h_{12} (mm)	1200
	4.15	Lowered height	h_{13} (mm)	90
	4.19	Overall length	l_1 (mm)	2470
	4.20	Length to face of forks	l_2 (mm)	1320
	4.21	Overall width	b_1 (mm)	860
	4.22	Fork dimensions	s/e/l (mm)	70/180/1150
	4.25	Width over forks	b_5 (mm)	570
	4.32	Ground clearance, centre of wheelbase	M_2 (mm)	30
	4.34	Aisle width for pallets 800x1200 (b_{12}xl$_6$)	Ast (mm)	2741 [1]
	4.35	Turning radius	Wa (mm)	2042
Perform. data	5.1	Travel speed, laden/unladen	km/h	7.5/9.0
	5.2	Lift speed, laden/unladen	m/s	0.10/0.14
	5.3	Lowering speed, laden/unladen	m/s	0.30/0.25
	5.8	Max. gradient performance, laden/unladen	%	5/10
	5.10	Service brake		electronic
Electric eng.	6.1	Drive motor rating S$_2$ 60min	kW	2
	6.2	Lift motor rating at S$_3$ 10%	kW	2.2
	6.4	Battery voltage, nominal capacity K$_5$	V/Ah	24/320
	6.5	Battery weight	kg	280
	8.1	Type of drive control		AC
	8.4	Sound level at driver's ear according to EN 12 053	dB (A)	70

(1) diagonal to VDI: + 141 mm

Scheda tecnica con dati rilevati secondo VDI 2198 e da carrello in configurazione standard. Per altre gommature, montanti, altri accessori, ecc., i valori possono cambiare. Salvo modifiche e miglioramenti tecnici.

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