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Characteristics	1.1	Manufacturer	-	KION India
	1.2	Model Designation	-	DVX1006
	1.3	Power unit: battery,diesel	-	Diesel
	1.4	Operation>manual,stand-on,seated	-	seated
	1.5	Load Capacity	Q(kg)	10000
	1.6	Load center	C(mm)	600
	1.8	Axle center to fork face	X(mm)	715
	1.9	Wheelbase	Y(mm)	3000
Weight	2.1	Service weight	kg	12310
	2.2	Axle load laden, front/rear	kg	20050/ 2250
	2.3	Axle load unladen,front/rear	kg	5750/ 6540
Wheels & Tyres	3.1	Tyre:solid,pneumatic,superelastic	-	P - STD
	3.2	Tyre size,front	-	10.0 x 20 - 16PR
	3.3	Tyre size,rear	-	7.50 x 20 - 12PR
	3.5	Wheels,number front/rear (x=drive)	-	04 / 02
	3.6	Track width,front	b10 mm	1815
	3.7	Track width,rear	b11 mm	1620
Dimensions	4.1	Mast tilt,forward/backward	a/β	06 / 10
	4.2	Mast height,lowered	h1 mm	3350
	4.3	Freelift	h2 mm	-
	4.4	Lift	h3 mm	3500
	4.5	Mast height,extended	h4 mm	5100
	4.7	Height of overhead guard	h6 mm	2550
	4.8	Seat height	h7 mm	1520
	4.12	Towing coupling height	h10 mm	635
	4.19	Overall length	L1 mm	5750
	4.2	Length to fork face	L2 mm	4525
	4.21	Overall width	b1/b2 mm	2370 / 1875
	4.22	Fork dimensions	s/e/l mm	75 / 150 / 1200
	4.23	Fork carraige to DIN 15173,class/form A,B	-	Bar Type
	4.24	Width of fork carraige	b3 mm	2420
	4.25	Fork spread (Out to Out)	s1 /s2	920 / 2320
	4.31	Ground clearance mast	m1 mm	230
	4.32	Ground clearance,center of wheels	m2 mm	275
	4.34.1	Equal AisleAisl width pallet 1000x1200 mm	D4 mm	4150
	4.34.3	Aisl width pallet 1000x1200 mm along fork	Ast mm	6800
	4.35	Turning radius	Wa mm	4350
Performance	5.1	Travel speed,with/without load	km/h	20 / 22
	5.2	Lifting speed,with/without load	m/s	0.23 / 0.24
	5.3	Lowering speed,with/without load	m/s	0.37 / 0.14
	5.7	Gradability with/without load	%	17 / 20
	5.1	Service brake	-	Pneumatic
Drive	7.1	Engine manufacturer / Type	-	AL - H4C510122
	7.2	Engine performance according to ISO1585	hp/Kw	101 / 74
	7.3	Rated speed	rpm	2200
	7.3.1	Rated engine torque	Nm	450 @1400 -1600Rpm
	7.4	Number of cylinders / Displacement	(-) / (cm3)	04 / 3840
	7.5	Fuel consumption as per VDI cycle	l/h	8
	7.1	Battery	-	12 V - 135Amp /hr
	8.1	Transmission Type	-	power shift with torque convertor
	8.2	Transmission make/model	-	HM / CT100
	8.3	Gear shift type	-	Mechanical
	8.4	Transmission speed	-	2F /2R

Others	-	Hydraulic pump type	-	Tandem pump
	-	Hydraulic pump displacement	lpm	71.80 / 47.70
	-	Control valve type	-	Sectional
	-	Control valve displacement	lpm	160
	10.1	Working pressure of hydraulic system	bar	185
	10.1.1	Working pressure for attachment	bar	185
	10.2	Oil flow for attachment	lpm	160
	10.3	Hydraulic Oil Tank Capacity	L	150
	10.4	Fuel Tank Capacity	L	130
	10.5	Steering Type	-	Hydrostatic Power Steering
	10.7	Noise level at operators ear to EN 12053	dB(A)	95
	10.8	Towing coupling design type	-	Pin type
Stability as per 'IS' : 4357 - 1974				
All specification are subjected to tolerance of %%P12% except those governed by BIS				

SPECIFICATION OF MAST VARIANTS															
SR. NO.	HVM MAST ASSLY.	OAH h1 (mm)	FFH h2 (mm)	MFH h3 (mm)	OAH AT MAX.FORK HT h4(mm)	OAH AT MFH WITH LBR* (mm) WHERE LBR USED	SPEED (m/sec.)				LIFTING CAPACITY AT MFH H3(MM)	WEIGHT Kg	TITLT FWD /REV	HVM MAST ASSLY PART NO.	TRUCK UNLADEN WEIGHT - Kg (APPROX.)
							LIFTING		LOWERING						
							LADEN	UNLADEN	LADEN	UNLADEN					
1	HVM 3500 (STD)	3350	ZERO	3500	5100	5525	0.23	0.24	0.37	0.14	3500	10000	6° / 10°	MH40058	12310
2	HVM 4500	3920	ZERO	4500	6170	6595	0.23	0.24	0.37	0.14	4500	8500	6° / 10°	MH798919021	12950
3	HVM 5500	4490	ZERO	5500	7170	7595	0.23	0.24	0.37	0.14	5500	7900	6° / 8°	MH798919031	13500
4	HVM 1400	2300	ZERO	1400	3000	3325	0.23	0.24	0.37	0.14	1400	10000	6° / 10°	67044100200	12000

TECHNICAL SPECIFICATIONS FOR 10T
AL H4 CEV STAGE V ENGINE
MODEL DVX1006

First angle
projection



Languages:
EN

Checked



KION India Pvt. Ltd.

Confidential Document

Refer to protection notice ISO16016

4350942/D2D/001/02

02	Datasheet updated				T213545				
Index	alteration				Change no	Fit	Toler.		
PPAP-Level 1 /WN 50020		Material:					Weight: in kg		
Inspection Dim. ☐ Aux.Dim. ()									
	Date	Name	Blank no:					0	
Drawn	2025-01-06	K.Chaudhari							
Checked	2025-01-06	K.Chaudhari	Title:					Prod.	
Auth'd									
M.check			datasheet					Scale	
			10T CEV STAGE V					1:5	
									Drawing Number
			/						
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					67048013011				
					Confidential Document			Repl.	
Refer to protection notice ISO16016									

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