Construction Tools

Diesel Driven Trash Pump







AA0014	49
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AA00150

AA00151

Water -30....120° C 20 ° C

998.2 kg/m3

2924rpm 45 m3/h 59.4 m

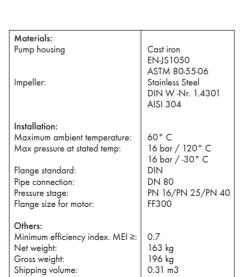
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Stock Code	AA00149	AA00150	AA00151
Model	KDP 20	KDP 30	KDP 40
Туре	Diesel Pump	Diesel Pump	Diesel Pump
Suction & Discharge port (diameter (mm) (in)	50 (2")	80 (3")	100 (4")
Rated Capacity (m3/h)	22.0	30.0	40.0
Rated total head (m)	15	13	15
Self-priming time (s/4m)	80	120	180
Max. suction head (m)	8.0	8.0	8.0
Rotation speed (r/min)	3600	3600	3600
Noise Level {dB(A)/7m)}	74.0	76.0	79.0
Overall dimension (mm) (LxWxH)	525 x410x515	570x445x550	650x480x600
Net Weight (kg)	38.5	49	62.5
Engine Model	KM170	KM178	KM186
Rated Power (kW)	2.8	4	6.3
Rated Speed (r/min)	3600	3600	3600
Fuel Conumption (g/kW.h)	288	285	281
Displacement (cm3)	211	296	406
Starter System	Recoil Starter	Recoil Starter	Recoil Starter

Vertical, Multistage centrifugal pump CR45-3 3 x 400/690 50Hz

Vertical, multistage centrifugal pump with suction and discharge ports on same the level (in-line) enabling installation in a horizontal one-pipe system. The pump head and base are in cast iron-all other wetted parts are in stainless steel. A cartridge shaft seal ensures high reliability, safe handling and easy service and access. Power transmission is via a split coupling. Pipework connection is via DIN flanges. This pump is fitted with a 3-phase, fan-cooled asynchronous motor.





Specific	ations:
Liquid:	
Pumped	Liquid

Pumped Liquid: Liquid temperature range: Liquid temp: Density:

Technical: Speed for pump data: Rated flow: Rated head: Shaft seal: Approvals on nameplate:

AA00141

Electrical data: Motor type: IE Efficiency class: Number of poles: Rated power-P2 Rated voltage: Rated Current: Startling current: Cos phi- power factor: Cos phi- power factor: Roted Starting current: Cos phi- power factor: Roted Startling current: Cos phi- power factor: Roted Startling current: Cos phi- power factor: Roted Startling current Cos phi- power factor: Roted Startling current Roted Startling Current Cos phi- power factor: Roted Startling Current
IE Efficiency class:
Number of poles: 2 Rated power-P2 11kW Power (p2) required by pump: 11kW Mains frequency: 50 Rated voltage: 3 x 380-415 d/660-690 Y V Rated Current: 20,8-19,8/12,0-11,8 A Starting current: 660-780 % Cos phi- power factor: 0,88-0,84
Rated power-P2 Power (p2) required by pump: Mains frequency: Rated voltage: Rated Current: Starting current: Cos phi- power factor: 11kW 11kW 50 3 x 380-415 d/660-690 Y V 20,8-19,8/12,0-11,8 A 660-780 % 0,88-0,84
Power (p2) required by pump: Mains frequency: Rated voltage: Rated Current: Starting current: Cos phi- power factor: 11kW 50 3 x 380-415 d/660-690 Y V 20,8-19,8/12,0-11,8 A 660-780 % 0,88-0,84
Mains frequency: 50 Rated voltage: 3 x 380-415 d/660-690 Y V Rated Current: 20,8-19,8/12,0-11,8 A Starting current: 660-780 % Cos phi- power factor: 0,88-0,84
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Rated Current: 20,8-19,8/12,0-11,8 A 660-780 %
Starting current:
Cos phi- power factor: 0,88-0,84
Pated speed: 2010 2050 rpm
Kuleu speeu. 2740-2730 Ipili
IE efficiency: IE 3 91,2%
Motor efficiency at full load: 91,2-91,2%
Motor efficiency at 3/4 load: 91,8-91,8 %
Motor efficiency at 1/2 load: 91,3-91,2%
Enclosure class (IEC 34-5): 55 (Protect water jets/dust)
Insulation class (IEC 85)

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