



Compliance with the current version of Kärcher standard KÄN 050.032 Constituent substances (ban of lead, cadmium, etc.) must be guaranteed. Standard date format according to ISO 8601 (YYYY-MM-DD). The reproduction, distribution and utilization of this document as well as the communication of its contents to others without explicit authorization is prohibited. Offenders will be held liable for the payment of damages. All rights reserved in the event of the grant of a patent, utility model or design. Copyright © Alfred Kärcher GmbH & Co. KG

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 <b>KÄRCHER</b> Winnenden		Benennung / description HDS 10/20-4 MX *EU-I HDS 10/20-4 MX *EU-I				Material-Nr. / material no. 1.071-456.0	
<b>IMPORTANT NOTE</b> Data is intended for Kärcher Service only and must not be passed on to unauthorised third parties!							
Mains supply							
Supply voltage / phases		V / Ph		400/3			
Mains voltage, permissible Voltage tolerance Voltage min Voltage max		V		376-424			
Frequency		Hz		50			
Connection power max.		kW		7,8			
Electro motor							
Current pickup, full load (after 10 min)		a		14			
Electric motor speed		rpm		1380			
High-pressure pump oil volume		l		1			
High-pressure pump oil type		type		SAE 90			
Feed pressure water		MPa		0,6			
min. feed water volume		l/h		1200			
max. feed temperature water		°C		30			
High pressure nozzle (US-gpm at 40 psi)		US-gpm		054			
Flow rate, full load Pressure water		l/h		930-970			
delivery servo press		l/h		500-560			
Flow rate, partial load		l/h		330-420			
Detergent 1 flow rate Full load		l/h		>56			
Working pressure full load, Standard gun, new nozzle (Testing manometer)		MPa		>17,5			
Working pressure partial load (Testing manometer)		MPa		2,8-3,0			
Safety valve Opening start (Testing manometer)		MPa		20,5-21,5			
Overflow valve open. press. (Testing manometer)		MPa		19,4-19,8			
Pressure switch 1 (on)		MPa		1			
		document	number	type	version	status	sheet of
		Technical specificatio	5352151	TDA	01	FR	1 2
Datum date	Gezeichnet drawn by	Geprüft checked by	Normgeprüft std. checked by	Änderung / Engineering change index Anzahl / count		Ersatz für / replaces Datum / date	
2014-01-16	AW03260	-----	-----				
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Pressure switch 2 (off)		MPa	1							
Burner										
Burner water temperature - Increase, full load		K	63-68							
Burner nozzle		gph	1,5							
Steam nozzle Size US-gpm / 40psi		US-gpm	0,70							
Fuel pump Adjustment pressure		MPa	1,5							
max. air pressure on Burner cover		mmWs	45							
Heating capacity		kW	83							
Emissions - exhaust values										
Burner exhaust gas temperature		°C	<200							
Burner exhaust value CO2		%	10-11,3							
Burner soot number		Value	0-1							
Exhaust current		kg/s	0,042							
Emission sound pressure level										
Sound level		dB(A)	90							
		document			number	type	version	status	sheet	of
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