



4	3	2	1
 KÄRCHER Winnenden		Benennung HDS 12/14 -4 ST GAS LPG *EU-I	
		Material-Nr. 1.251-111.0	

IMPORTANT NOTE
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	
Frequency	Hz	50
Connection power max.	kW	
Electro motor		
Current pickup, full load (after 10 min)	a	<17
Timer board Betriebsbereitschaft Adjusting value	min.	2-3
Motor protection switch Adjustment valueEinstellwert	a	
Electric motor speed	rpm	
High-pressure pump oil volume	l	
High-pressure pump oil type	type	
Feed pressure water	MPa	
min. feed water volume	I/h	
max. feed temperature water	°C	
High pressure nozzle (US-gpm at 40 psi)	US-gpm	
Flow rate, full load Pressure water	I/h	1150-1220
delivery servo press	l/h	
Flow rate, partial load	I/h	550-650
Detergent 1 flow rate Full load	I/h	>35
Working pressure full load, Standard gun, new nozzle (Testing manometer)	MPa	
Working pressure partial load (Testing manometer)	MPa	
Safety valve Opening start	MPa	16,5-17,5

		Dokument		Nummer	Art	Version	Status	Blatt	Blz.
		Technical specificatio		5341596	TDA	00	FR	1	2
Datum	Gezeichnet	Geprueft	Normgepr.	Aend.- Index	Anz. Aend.	Aenderungsnr.		Ersatz fuer	
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(Testing manometer)		
Overflow valve open. press. (Testing manometer)	MPa	
Pressure switch 1 (on)	MPa	
Pressure switch 2 (off)	MPa	
Burner		
Burner water temperature - Increase, full load	K	60-65
Burner nozzle	gph	
Steam nozzle Size US-gpm / 40psi	US-gpm	
Fuel pump Adjustment pressure	MPa	
max. air pressure on Burner cover	mmWs	
Heating capacity	kW	
Type of gas / Volume flow rate	m ³ /h	G20/ 9-10 ; G31/ 4
Distance Ionisationselektrode burner tube	mm	10
Ionisation potential (AC) against ground	V	min. 150
Ionisation current (DC)	µA	3
Starting speed blower	U/min.	5000
Speed blower a carga completa	U/min.	ca. 6900 / ca. 6300
Emissions - exhaust values		
Burner exhaust gas temperature	°C	<190
Burner exhaust value CO2	%	9,5/12.0
Burner soot number	Value	
Exhaust current	kg/s	
Emission sound pressure level		
Sound level	dB(A)	

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