



Compliance with the current version of Kärcher standard KN 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> <sup>®</sup>		Benennung / description				Material-Nr. / material no.			
Winnenden		HDS 12/18-4 S *EU-I HDS 12/18-4 S *EU-I				1.071-620.0			
<p><b>IMPORTANT NOTE</b> Data is intended for Kärcher Service only and must not be passed on to unauthorised third parties!</p>									
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	8,4						
Electro motor									
Current pickup, full load (after 10 min)		a	15,5						
Electric motor speed		rpm	1380						
High-pressure pump oil volume		l	1,0						
High-pressure pump oil type		type	SAE 90						
Feed pressure water		MPa	0,6						
min. feed water volume		l/h	1400						
max. feed temperature water		°C	30						
High pressure nozzle (US-gpm at 40 psi)		US-gpm	068						
Flow rate, full load Pressure water		l/h	1110-1170						
delivery servo press		l/h	670-730						
Flow rate, partial load		l/h	440-510						
Detergent 1 flow rate Full load		l/h	>67						
Working pressure full load, Standard gun, new nozzle (Testing manometer)		MPa	>15,5						
Working pressure partial load (Testing manometer)		MPa	2,8-3,0						
Safety valve Opening start (Testing manometer)		MPa	18,5-19,5						
Overflow valve open. press. (Testing manometer)		MPa	17,4-17,8						
Pressure switch 1 (on)		MPa	1						
		document		number	type	version	status	sheet	of
		Technical specificatio		5352154	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		
2015-01-26	AW03274	-----	-----						
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Pressure switch 2 (off)		MPa			1					
Burner										
Burner water temperature - Increase, full load		K			63-68					
Burner nozzle		gph			1,75					
Steam nozzle Size US-gpm / 40psi		US-gpm			085					
Fuel pump Adjustment pressure		MPa			1,5					
max. air pressure on Burner cover		mmWs			43					
Heating capacity		kW			100					
Emissions - exhaust values										
Burner exhaust gas temperature		°C			<200					
Burner exhaust value CO2		%			10-11,5					
Burner soot number		Value			0-1					
Exhaust current		kg/s			0,0508					
Emission sound pressure level										
Sound level		dB(A)			90					
		document			number	type	version	status	sheet	of
		Technical specificatio			5352154	TDA	01	FR	2	2
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