

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

4 KÄRCHER Winnenden	3 Benennung / description HDS-E 8/16-4 M 12KW *EU-I HDS-E 8/16-4 M 12KW *EU-I	2	1 Material-Nr. / material no. 1.030-210.0
---	---	----------	---

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	376-424
Frequency	Hz	50
Connection power max.	kW	17,5
Electro motor		
Current pickup, full load (after 10 min)	a	9,5
Timer board Betriebsbereitschaft Adjusting value	min.	2-3
Motor protection switch Adjustment value	a Einstellwert	-
Electric motor speed	rpm	1400
High-pressure pump oil volume	l	0,75
High-pressure pump oil type	type	SAE 90
Feed pressure water	MPa	0,1-0,6
min. feed water volume	I/h	min. 1000
max. feed temperature water	°C	30
High pressure nozzle (US-gpm at 40 psi)	US-gpm	045
Flow rate, full load Pressure water	I/h	710-760
delivery servo press	l/h	440-500
Flow rate, partial load	I/h	320-380
Detergent 1 flow rate Full load	I/h	>30
Working pressure full load, Standard gun, new nozzle (Testing manometer)	MPa	>14,4
Working pressure partial load (Testing manometer)	MPa	2,8-3,0
Safety valve Opening start	MPa	17,3-18,3

X		document		number	type	version	status	sheet	of
		Technical specificatio		5344460	TDA	01	FR	1	2
Datum date	Gezeichnet drawn by	Geprüft checked by	Normgeprüft std. checked by	Änderung / Engineering change			Ersatz für / replaces		
2014-03-20	AW02232	-----	-----	index	Anzahl / count	number	Datum / date	index	
4	3	2		1					

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

4	3	2	1																								
KÄRCHER [®] Winnenden		Benennung / description HDS-E 8/16-4 M 12KW *EU-I HDS-E 8/16-4 M 12KW *EU-I																									
		Material-Nr. / material no. 1.030-210.0																									
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:40%;">(Testing manometer)</td> <td style="width:10%;"></td> <td style="width:50%;"></td> </tr> <tr> <td>Overflow valve open. press. (Testing manometer)</td> <td>MPa</td> <td>16,2-16,5</td> </tr> <tr> <td>Pressure switch 1 (on)</td> <td>MPa</td> <td>1</td> </tr> <tr> <td>Pressure switch 2 (off)</td> <td>MPa</td> <td>1</td> </tr> <tr> <td>water temp.-increase, full loa</td> <td>K</td> <td>15-17</td> </tr> <tr> <td>current consumption at nom. voltage and steady cond.</td> <td>A</td> <td>17,5</td> </tr> <tr> <td>temperature limitation</td> <td>°C</td> <td>95°±3</td> </tr> <tr> <td>Sound level</td> <td>dB(A)</td> <td>85</td> </tr> </table>				(Testing manometer)			Overflow valve open. press. (Testing manometer)	MPa	16,2-16,5	Pressure switch 1 (on)	MPa	1	Pressure switch 2 (off)	MPa	1	water temp.-increase, full loa	K	15-17	current consumption at nom. voltage and steady cond.	A	17,5	temperature limitation	°C	95°±3	Sound level	dB(A)	85
(Testing manometer)																											
Overflow valve open. press. (Testing manometer)	MPa	16,2-16,5																									
Pressure switch 1 (on)	MPa	1																									
Pressure switch 2 (off)	MPa	1																									
water temp.-increase, full loa	K	15-17																									
current consumption at nom. voltage and steady cond.	A	17,5																									
temperature limitation	°C	95°±3																									
Sound level	dB(A)	85																									
X		document	number																								
Technical specificatio		5344460	TDA 01 FR																								
Datum date	Gezeichnet drawn by	Gepreuft checked by	Normgeprüft std. checked by																								
2014-03-20	AW02232	-----	-----																								
4	3	2	1																								

F
E
D
C
B
A