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Nominal data

Type	3214 JH4	
Nominal voltage	VDC	24
Nominal voltage range	VDC	12 .. 27.6
Speed (rpm)	min ⁻¹	13000
Power consumption	W	50
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m ³ /h	280
Sound power level	B	8.2
Sound pressure level	dB(A)	73

ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change



Technical description

General description	* Power consumption when wide open; these values may be considerably higher at the operating point.
Housing material	Glass-fiber reinforced PBT plastic
Impeller material	Glass-fiber reinforced PA plastic
Weight	0.280 kg
Dimensions	92 x 92 x 38 mm
Airflow direction	Exhaust over struts
Direction of rotation	Clockwise, viewed toward rotor
Storage	Ball bearing
Service life L10 at 40 °C	60000 h
Service life L10 at maximum temperature	30000 h
Cable	Leads AWG 22, TR 64, stripped and tin-plated.
Motor protection	Protection against reverse polarity and blocked rotor.
Approval	VDE, CSA, UL
Option	Speed signal

Technical drawing of a cooling fan assembly. The drawing shows a fan unit with a square frame and a circular fan blade. Dimensions are provided in millimeters (mm) with tolerances. Key dimensions include:

- Top left: $38^{+0,5}$ (total width), 6^{+1} (mounting tab width), $26,15^{+0,1}$ (mounting tab offset), 6 (mounting tab thickness).
- Left side: 310^{+10} (total height), $4,3^{+0,15}$ (mounting tab width), $20,15$ (mounting tab offset).
- Bottom: $82,5^{+0,2}$ (inner square frame side), $92^{+0,3}$ (outer square frame side).
- Right side: $\varnothing 98$ (fan diameter), $82,5^{+0,2}$ (inner square frame side), 89 (outer square frame side), $4,5^{+0,2}$ (mounting tab width).

Curves: Air performance

