Werther Air Compressors

5250 N Sam Houston Pkwy W, Houston, TX 77086 - Suite 850

Email: sales@werther.com

Phone: 832-327-7452

www.werther.com

Compressor Datasheet

Model	KVPS 3 - FS - DD - VT
Part Number	2068
Description	KV 3 / 270, Fixed speed, Direct drive, 3 HP, 220V / 60 Hz / 1 Phase, 145 PSI, 71.3 gallon vertical tank

General Data

Nominal Working Pressure	145 PSI
Mechanical Motor Power	3.6 HP
Max Ambient Temperature	113° F
Min Ambient Temperature	41° F

Working Data

F.A.D. Max	10.2 CFM
Total Power at Full Load	4.3 HP
Total Current at Full Load	18.5 amps
Total Power at No Load	2.0 HP
Total Current at No Load	11.0 amps
Max Rotor Speed	3,510 RPM
Noise Level	65 dB/(A)

Machine Weight & Dimensions

Weight	266.7 lbs
Length	28
Width	26
Height	66

Air Receiver

Volume	71.3 gallons (vertical)
Max Pressure	159.0 PSI

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Main Motor

Driving System (electric)	Star / Delta
Power Transmission	Direct
Nominal Motor Power	3.6 HP
N° Poles	2
Max Motor Speed	3,510 RPM
Power Factor (At Full Load)	0.88 cos phi
Service Class	S1 100%
Efficiency Rating	IE1
Frame Size	M100
Form Factor	B35
Protection Rating	IP 54

Cooling System

Fan Motor Power	N/A
Fan Motor Speed	3,510 RPM
Protection Rating	N/A
Insulation Class	N/A
Cooling Air Flow	680 cubic meters per hours

Lubrication

Oil Quantity	0.3 gallons
Oil Type	Oil screw plus 46
Residual Oil	≤ 3 ÷ 5 ppm

Product Improvement is a continuing goal at Werther. Design and specifications are subject to change without notice or obligation.

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