



COMPRESSOR DATA SHEET

Model Data for Compressed Air - PneuTech - RK-20F-125T-D

Model Number		PneuTech RK-20F-125T-D		Date	9/27/21
<input checked="" type="checkbox"/>	Air-cooled	<input type="checkbox"/>	Water cooled	Description	Single Stage - Oil-Flooded. Rotary Screw Air Compressor
<input checked="" type="checkbox"/>	Oil-injected	<input type="checkbox"/>	Oil-free		
Rated Capacity at Full Load Operating Pressure (a, e)				acfm (a,e)	74
Full Load Operating Pressure				sig (b)	108.75
Maximum Full Flow Operating Pressure				psig (c)	116
Drive Motor Nominal Rating				hp	20
Drive Motor Nominal Efficiency				percent	87.1
Fan Motor Nominal Rating (if applicable)				hp	0.44
Fan Motor Nominal Efficiency				percent	33
Total Package Input Power at Zero Flow				kW (e)	9.8
Total Package Input Power at Rated Capacity and Full Load Operating Pressured				kW (d)	15.8
Specific Package Input Power at Rated Capacity and Full Load Operating Pressuree				kW/100 cfm (e)	21.39

NOTES: a. Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex E; acfm is actual cubic feet per minute at inlet conditions. b. The operating pressure at which the Capacity and Electrical Consumption were measured for this data sheet. c. No Load Power. In accordance with ISO 1217, Annex E, if measurement of no load power equals less than 1% manufacturer may state "not significant" or "0" on the test report. d. Tolerance is specified in ISO 1217, Annex E, as shown in table below:

NOTE: The terms "nominal" and "rated" are synonymous for purposes of this document.

Volume Flow Rate at specified conditions		Volume Flow Rate	Specific Energy Consumption	No Load/Zero Flow Power
m ³ /min	Ft ³ /min	%	%	%
Below 0.5	Below 15	+/- 7	+/- 8	+/- 10
0.5 to 1.5	15 to 50	+/- 6	+/- 7	+/- 10
1.5 to 15	50 to 500	+/- 5	+/- 6	+/- 10
Above 15	Above 500	+/- 4	+/- 5	+/- 10

