COMPRESSOR DATA SHEET



In Accordance With Federal Uniform Test Method for Certain Lubricated Air Compressors

Rotary Compressor: Variable Frequency Drive

	Manufacturer: G	ardner Denver			
	Model Number: L	55RS-75hp-145psi		Date:	01/27/23
2	X Air-cooled Water-cooled			Type:	Screw
			# of Stages:		1
3*	Full Load Operating Pressure ^b		145	psig ^b	
4	Drive Motor Nominal Rating		75	hp	
5	Drive Motor Nominal Efficiency		93.6	percent	
6	Fan Motor Nominal Rating (if applicable)		1.9	hp	
7	Fan Motor Nominal Efficiency		85.5	percent	
	Input Power (kW)		Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d	
	66.74		318.0	20.99	
	57.38		268.7	21.35	
8*	48.06		218.9	21.96	
	38.84		168.6	23.04	
	29.52		118.1	25.00	
	21.89		77.8	28.15	
9*	Total Package Input Power at Zero Flow c, d		7.3	kW	
10	Isentropic Efficiency	Isentropic Efficiency		%	
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