



PROVAC

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Leybold S-30A, S-60A Technical Specifications

Performance Characteristics		S30A	S60A
Displacement	.....CFM	26.8	36.7
Displacement	.....l/min	760	1030
Ultimate Partial Pressure	.....Torr	2×10^{-2}	2×10^{-2}
Ultimate Total Pressure With Gas Ballast	.....Torr	3×10^{-1}	5×10^{-1}
Water Vapor Tolerance	.....Torr	40	40
Oil Capacity	.....qt	2.5	3.0
Motor Power	.....HP	1½	2.0
Pump Rotational Speed	.....RPM	1725	1150
Weight, Complete	.....lb	136	180
Sound Pressure Level (Max) At Three Feet With Gas Ballast CloseddB(A)	59	60
Sound Pressure Level (Avg) At Three Feet With Gas Ballast OpendB(A)	59	63



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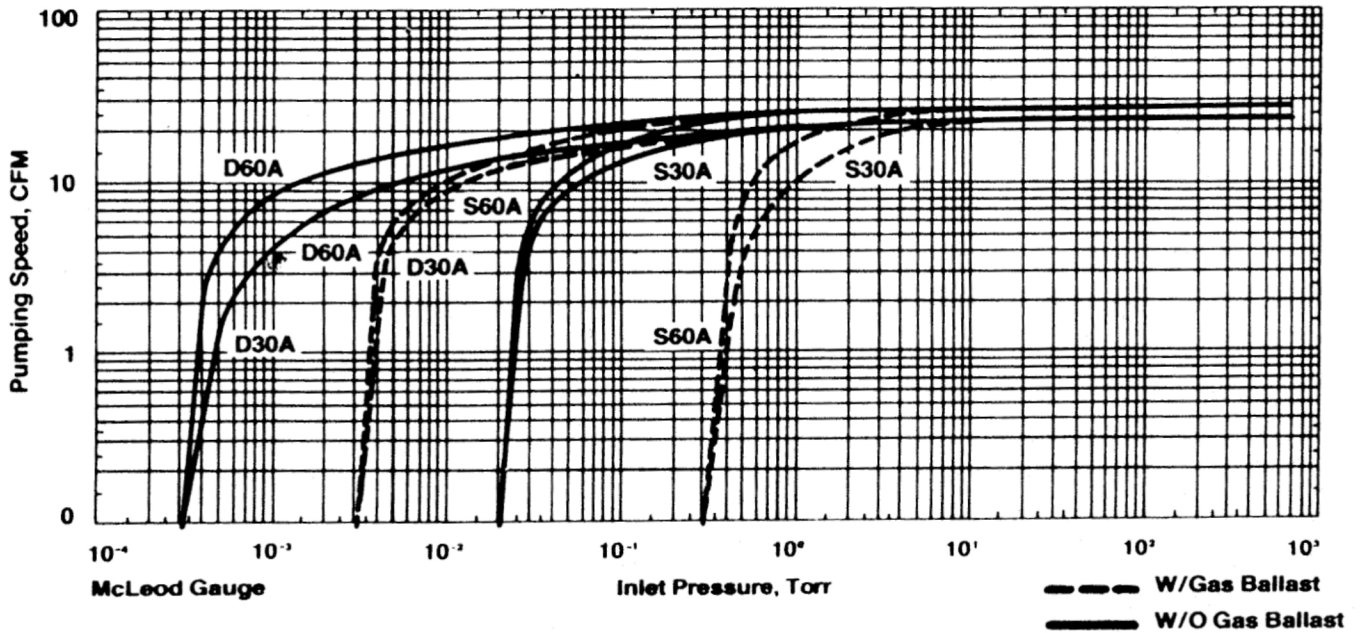
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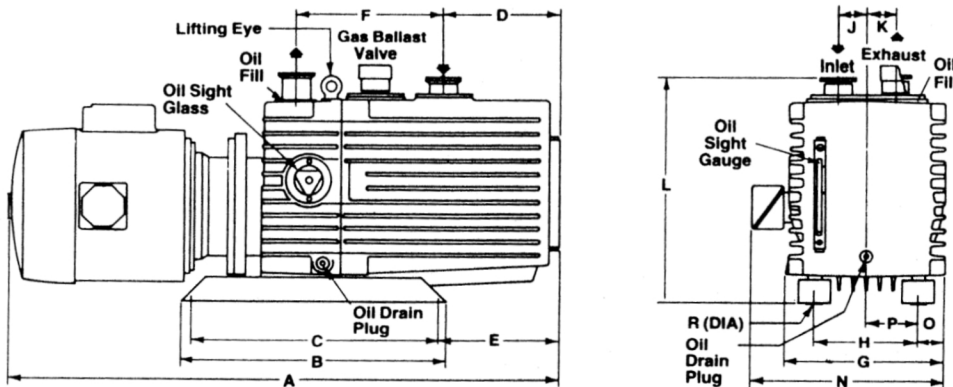
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Leybold S-30A, S-60A Pumping Curves



Dimensions



Notes

1. Add $\frac{5}{32}$ inch for centering ring (inlet and exhaust).
2. Clamp and centering ring supplied on inlet and exhaust.

Dimensions, Inches (mm)

Pump Type	Exhaust Flange	Inlet Flange	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	
S30A	KF40	KF40	23 ²³ / ₃₂ (602)	16 ⁵ / ₃₂ (410)	15 ³ / ₁₆ (386)	4 ³ / ₃₂ (103.7)	1 ²³ / ₃₂ (43.4)	4 ⁷ / ₈ (124)	9 ³ / ₄ (247)	6 ⁵ / ₁₆ (160.5)	1 ²⁵ / ₃₂ (45)	1 ²⁵ / ₃₂ (45)	13 ³ / ₄ (349)	—	11 ⁹ / ₃₂ (286)	1 ⁵ / ₈ (41)	3 ⁵ / ₃₂ (80)	⁹ / ₁₆ (14)
S60A	KF40	KF40	29 ¹¹ / ₃₂ (245)	16 ⁵ / ₃₂ (410)	15 ³ / ₁₆ (386)	7 ¹ / ₃₂ (179)	3 ⁵ / ₃₂ (80)	4 ⁷ / ₈ (124)	9 ³ / ₄ (247)	6 ⁵ / ₁₆ (160.5)	1 ²⁵ / ₃₂ (45)	1 ²⁵ / ₃₂ (45)	13 ³ / ₄ (349)	—	11 ²⁵ / ₃₂ (299)	1 ⁵ / ₈ (41)	3 ⁵ / ₃₂ (80)	⁹ / ₁₆ (14)