



Leybold TMP-150

Technical Specifications

Performance Characteristics	LF65	LF100/CF100	2-inch ASA
Pumping Speed (volume flow rate)			
for N ₂l/sec	125	145	140
for He.....l/sec	110	135	130
for H ₂l/sec	95	115	110
Compression Ratio			
for N ₂	>1x10 ⁹	>1x10 ⁹	>1x10 ⁹
for He.....	2x10 ⁴	2x10 ⁴	2x10 ⁴
for H ₂	850	850	850
Ultimate Pressure.....mbar	< 10 ⁻⁹ (LF) < 10 ⁻¹⁰ (CF)		< 10 ⁻⁹
Rotational Speed.....RPM	50,000		50,000
Start-Up Time.....min	2		2
Cooling Water Consumption.....l/hr(gal/hr)	20 (5.3)		20 (5.3)
Cooling Water Pressure.....psig	≤60		≤60
Cooling Water Connection, Hose Nozzle.....inches (mm)	7/16 (11)		7/16 (11)
Fore Vacuum Port.....KF [®]	25		25
Bake-Out Temperature (pump neck).....°C	120		120
Mounting Position.....	In Any Desired Position		
Weight.....lb (kg)	15.4 (7)		15.4 (7)
Recommended Backing Pump.....	D4A/D8A		D4A/D8A
Vibration Velocity (max).....mm/sec	< 0.15		< 0.15
Vibration Amplitude (max).....Angstrom	1800		1800
Standard Specifications			
Flange Configurations.....	LF65 LF100 CF100 (6-inch ConFlat*) 2-inch ASA		
Lubrication.....	Premeasured Grease in Applicator * for Standard Corrosive Applications		

