



# Leybold TMP-55

## Technical Specifications

	TMP55	
	CF63	65 ISO-K
<b>Pumping Speed (volume flow rate)</b>		
for N <sub>2</sub> ..... ltr/sec	55	55
for He..... ltr/sec	48	48
for H <sub>2</sub> ..... ltr/sec	30	30
<b>Compression Ratio</b>		
for N <sub>2</sub> ..... ltr/sec	>10 <sup>8</sup>	
for He..... ltr/sec	>10,000	
for H <sub>2</sub> ..... ltr/sec	≥ 800	
<b>Ultimate Pressure</b> .....mbar	<10 <sup>-9</sup>	
<b>Maximum Fore Vacuum Pressure</b> .....mbar	2	
<b>Rotational Speed</b> .....RPM	72,000	
<b>Start-Up Time</b> .....min	<3	
<b>Maximum Bakeout at Inlet Flange</b> .....C	80	
<b>Fore Vacuum Flange</b> .....KF	16	
<b>Cooling</b> .....	Convection*	
<b>Mounting Position</b> .....	Any Desired Position	
<b>Bearing Type</b> .....	Ceramic Ball Bearings	
<b>Weight</b> .....lb. (kg)	4.4 (2)	
<b>Recommended Backing Pump</b> .....Model (CFM)	D1.6B (1.13)	
<b>Lubrication</b> .....	Lifetime Supply of Grease	
<b>Frequency Converter (See also pages 7.32-7.34)</b>	NT10, NT12, NT13	

\*Air cooling and water cooling are available for high pressure or high ambient applications.