



Alcatel 5402CP

Technical Specifications

Inlet flange	NW160	NW100
Pumping speed $P < 10^{-4}$ mbar		
N ₂	380	325
Ar	430	365
SF ₆	430	365
Max. continuous use (N ₂) with recommended forepump :		
- Inlet pressure (mbar)	1×10^{-1}	3×10^{-1}
- Flow rate (SCCM)	400	700
Ultimate pressure (mbar)		
- with purge	8×10^{-6}	8×10^{-6}
- without purge	5×10^{-8}	5×10^{-8}
N ₂ purge flow (SCCM)	50	50
Recommended forepump	2063CP...Plus	2063CP...Plus

Housing: stainless steel
Inlet flange: NW160 or NW100
Exhaust flange: NW40
Purge flange: NW16
Weight: 8,5 kg (NW160)
9,0 kg (NW100)
Rotational speed: 27,000 r.p.m.
Mounting: any position
Cooling Method: water



Features & Benefits

- reliable and safe operation
- low rotational speed
- stainless steel housing
- compact size, low vibration
- grease lubricated ball bearings
- over pressure relief and check valve
- specifically engineered for aggressive environments
- can operate at elevated inlet pressures & throughput

Applications

- reactive ion etching • plasma etch • reactive ion beam etching • low temperature oxides • electron cyclotron resonance processes
- plasma enhanced CVD • corrosive gas processes • semiconductor
- dry chemistry



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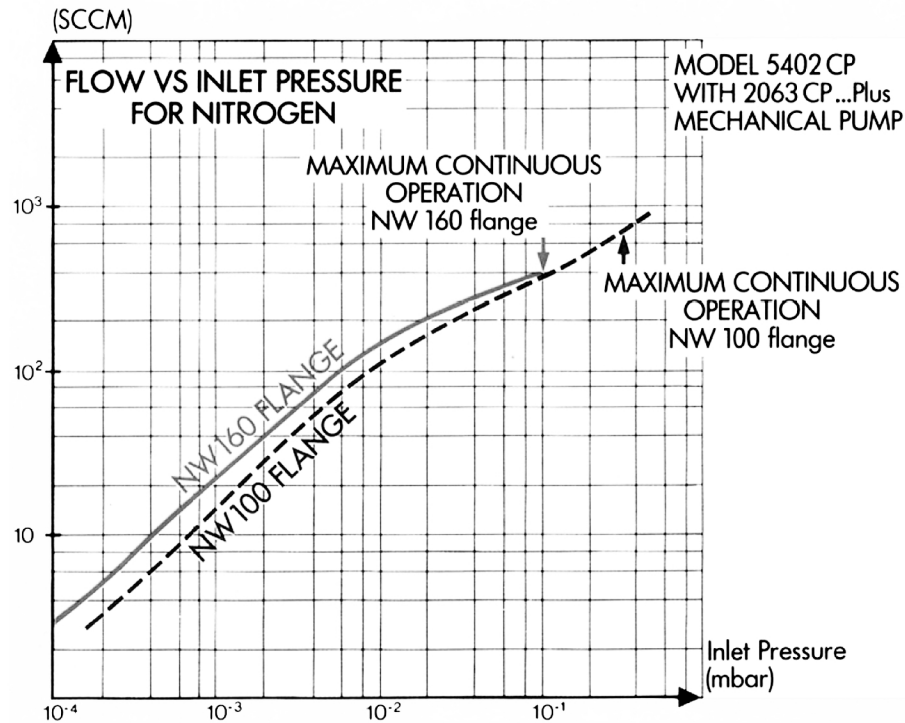
SALES

PHONE: 831-462-8900

FAX: 831-462-3536

WWW.PROVAC.COM

Alcatel 5402CP Pumping Curves



Dimensions

