

Contact Data Customer	
Customer name and customer address (city, country)	FANAVARAN PETROCHEMICAL COMPANY, BANDAR-E-MAHSHAHR, KHUZESTAN, IRAN

General information about the inquiry			
Background of inquiry	New investment <input checked="" type="checkbox"/>	Operation hours (please indicate what's more likely)	24 h / day
Operation mode	Continuous <input checked="" type="checkbox"/>	Compressor control parameter	Suction pressure <input type="checkbox"/> Discharge pressure <input checked="" type="checkbox"/> Flow rate <input checked="" type="checkbox"/>
Process upstream: What is the gas source? What process is upstream to the compressor?	N2, PRESSURE 5 TO 9 bara	Process downstream: Where is the gas compressed in? What process is downstream to the compressor?	CLEAN GAS FOR DRYGAS SEAL PANEL

Compressor Operation data			
Oil-free operation required?	Yes (oil-free compression) <input checked="" type="checkbox"/>		
Operation Data	Min. values	Normal value (Design)	Max. values
Suction pressure	5 bar(abs)	8 bar(abs)	9 bar(abs)
Discharge pressure	37 bar(abs)	42 bar(abs)	45 bar(abs)
Flow rate	110 Nm3/h Norm-m3 at 0°C and 1013 mbar	200 Nm3/h Norm-m3 at 0°C and 1013 mbar	250 Nm3/h Norm-m3 at 0°C and 1013 mbar
Suction temperature	8 °C AMB. °C	AMB °C	52 °C AMB °C
Discharge temperat.			
Gas to compress gas composition in Vol% (in total 100%)	N2	Gas Contaminations in ppm-Vol, mg/m3 or Vol%	0
Gas humidity (water content)	Gas is dry <input checked="" type="checkbox"/> Specify dew point -65	Ambient temperature	Other min. ... 8 °C Other max. ... 52 °C

Electric and Noise			
Electric supply	Voltage	400	V
	Frequency	50	Hz

Explosion proof (if applicable)	
ATEX classification compressor installation	Ex zone 1

Cooling and installation			
Cooling	Ambient air cooling <input checked="" type="checkbox"/>	Installation	Outside under roof <input checked="" type="checkbox"/>