Electrically Driven Gas Pumping Units

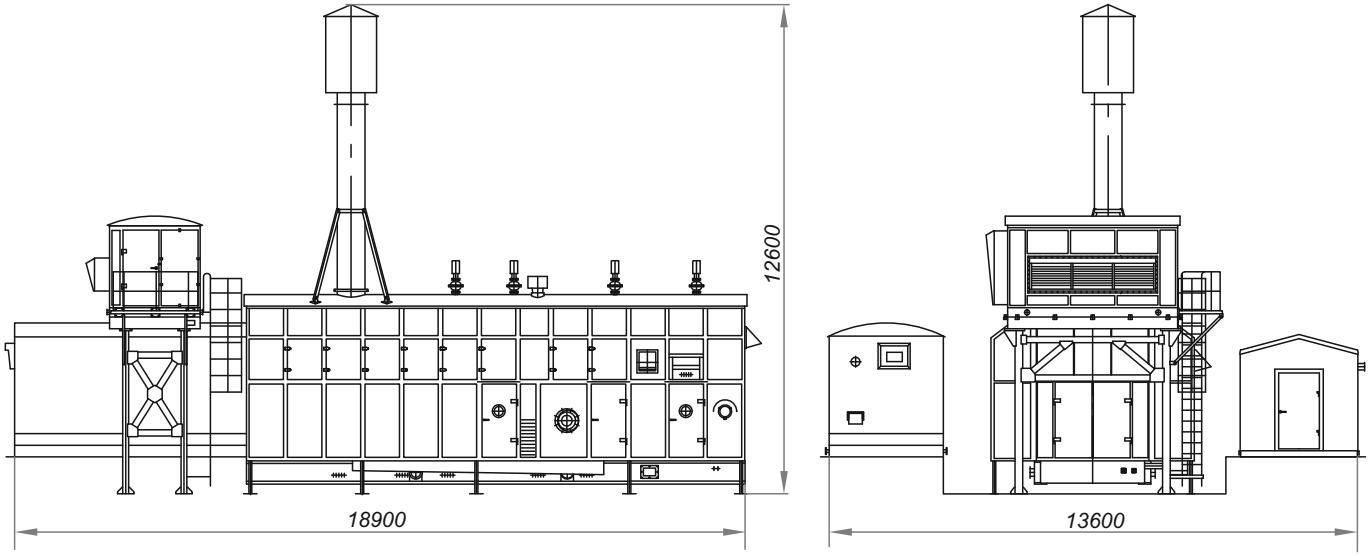
No.	Suction Pressure kgf/cm^2	Discharge Pressure kgf/cm^2	Flow Rate Capacity MMCMD	Recommended EGPA	Catalogue page No.
1	5.84	11.0	0.535	EGPA-C-1.0/11-1.92M1	56

Electrically driven gas pumping unit identification legend

For example: **EGPA-C-1.0/11-1.92M1**

EGPA - electrically driven gas pumping unit;
C - the unit includes a centrifugal compressor:
C1…C5 - modifications of compressor rotor bundles;
1.0 - driver engine capacity, MW;
11 - compressor discharge pressure, kgf/cm^2;
1.92 - pressure ratio;
M1 - compressor design:
M - with magnetic suspension of rotor a and dry gas seal (“dopeless” compressor));
M1 - cwith oil bearings and a dry gas seal.

Electrically Driven Gas Pumping Unit EGPA-C-1.0/11-1.92M1



Technical parameters		
Climatic modification		«UHL.1»
Flow rate capacity	MMCMD	0.535
Suction pressure	MPa	0.573
Discharge pressure	MPa	1.18
Pressure ratio, design		2.06
Engine type	Electric motor BAO4-560LB-2	
Nominal capacity at engine's coupling (under stationary conditions)	MW	1.0
Nominal rotation speed of power turbine rotor of the engine	rpm	3000
Efficiency (under stationary conditions)	%	95.9
Linear voltage	V	6000
Compressor type	224GC2-72/6-12M1	
Unit weight (dry) in the scope of supply, max	kg	80000