Airpol DR90 screw compressor with frequency converter and Ultra Speed function	
Max overpressure [MPa]	1.0
Variable capacity:	
Capacity min-max [m3/h] [0,65 MPa]	276 - 1053
Capacity min-max [m3/h] [0,75 MPa]	276 - 975
Capacity min-max [m3/h] [0,8 MPa]	276 - 945
Capacity min-max [m3/h] [0,9 MPa]	276 - 883
Capacity min-max [m3/h] [1,0 MPa]	276 - 820
Dimension (LxWxH) [mm]	2300 x 1330 x 1670
Compressed air connection	G 2
Weight [kg]	1950
Ambient temperature [°C]	+5 ÷ +40
Cooling air demand [m³/h]	13800
Compressed air temperature on the outlet [°C]	approx.10 degrees above ambient temperature
Sound level L [dB(A)]	83
Power transmission system	direct drive
Nominal motor power [kW]	90
Nominal fan motor power [kW]	4,15
Motor energy efficiency class	IE3
Motor IP Code	IP55
Feed voltage [V/ph/Hz]	400/3/50
Power feed cable [mm2]	3x95+PE
Protection fuse [A]	200
Frequency converter	Provides smooth speed control in the range from 20% to 100% (depending on the pressure set on the controller). Main benefits for the user: adjustment of the compressor capacity to the actual compressed air demand; reduction of the compressor pressure hysteresis, and thus reduction of pressure variations in the pneumatic network (electric motor rotations is regulated so that to keep the network pressure value on the constant, set level in the range: min. 0,65 MPa, max. 1.0 MPa); minimization of mechanical wear and extending of the components working life; energy savings.
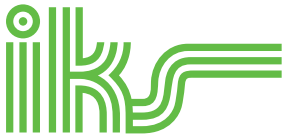
ULTRA SPEED function	The Ultra Speed function provides higher compressor capacity while setting a lower operating pressure. This function means even greater energy savings. Ultra Speed guaranties maximum possible compressor capacity at a set operating pressure, while the rotation speed is adjusted so that the current power consumption is close to the nominal motor power. Ultra Speed function is particularly useful in times of excessive compressed air demand.
Microprocessor control	Clear display, information LEDs and straightforward keyboard provide easy and quick working parameters configuration, define compressor operating status, as well as compressor operating mode selection.