

TYPE EVT-700E

Technical Data		TYPE EVT-700E	
		700E-LF	700E-CF
Pump type		Compound/Drag	Compound/Drag
Inlet Flange		160 ISO-K	160 CF
Fore vacuum Flange		40 KF	40 KF
Pumping speed (air)	l/s	700	700
Pressure for max. speed	mbar	1×10^{-2}	1×10^{-2}
Rotation Speed	rpm	36.000	36.000
H ₂ Compression Ratio		6×10^6	6×10^6
N ₂ Compression Ratio		1×10^9	1×10^9
Ultimate Vacuum	mbar	6×10^{-9}	6×10^{-10}
Run up Time	min	<4	<4
Control Unit		FD-700K	FD-700K
Input Voltage	VAC	220/110 ±10%	220/110 ±10%
Cooling water	l/min	> 2	> 2
Bearing type		Ceramic Grease	Ceramic Grease
Operating Orientation		Any	Any
Weight	kg	19	19

Ordering Information	TYPE EVT-700E	
	700E-LF	700E-CF
Turbo drag pump EVT-700E incl. splinter screen	807.000	807.001
Control unit type FD-700K	807.010	807.010
Cable 2,5 m	807.011	807.011
Cable 5 m	807.012	807.012
Cable 10 m	807.013	807.013
Cable 20 m	807.014	807.014
Other lengths	Upon request	Upon request
Heating jacket 230V AC	807.020	807.020
Venting valve NC 230V AC, 50/60Hz	250.533	
Venting valve NC 24V AC, 50/60Hz	250.531	
Venting valve NC 24V, DC	250.530	
Filter for venting valves	215.152	
Venting valve NO 200-230V, 50/60Hz	250.851	
Venting valve NO 24V, DC	250.850	
Delayed venting unit	Upon request	
Aircooling unit R-XT, 90 - 264V AC, 50/60Hz	800.010	
12V, DC	800.011	
Recommended fore pump: Standard operation Type EVD-TRP-36, 400V AC	423.902	
Purge gas operation Type EVD-TRP-48, 400V AC	424.902	
Also Dry pumps can be used		