



Ebara ET Series

Technical Specifications

		Model	ET300W	ET450W	ET600W	ET800W	ETE801H	ET1301W	ET1600W	
Pump	Pumping Speed, L/s	N2	320	460	600	770	800	1300	1600	
		H2	200	300	220	450	550	900	1000	
	Max. compression, L/s	N2	>10 ⁹	>10 ⁹	>10 ⁹	>10 ⁹	>10 ⁹	>10 ⁸	>10 ⁹	
		H2	7 x 10 ³	5 x 10 ³		104	2 x 10 ⁶	2 x 10 ³	104	
	Ultimate pressure, Pa		10 ⁻⁷ order				10 ⁻⁹ order		10 ⁻⁷ order	
	Allowable outlet pressure, Pa		400				40	266	400	
	Flange standard	Inlet side * 1	VG150			VG200			VG250	
		Outlet size	KF25		KF40					
	Run-up time in vacuum, min		6	7	8	6		8		
	Revolution, min ⁻¹		48000	45000	35000	36000	38000	32000	30000	
	Installation position		Any							
	Vibration level (at rated speeds) μm (0-P)		< 0.01							
	Cooling system		Water cooling							
	Cooling water flow rate, L/min		> 2							
Cooling water temperature, °C (°F)		< 25 (77)								
Weight of pump, kg (lb)		15 (33)	16 (35)	35 (77)	30 (66)	34 (75)	40 (88)	55 (121)		
		Model	306W-TF	456W-TF	606W-TF	806W-TF	806H-TF	1306W-TF	1606W-TF	
Controller	Input	Phase / Voltage	Single - phase / AC100V~240V		Single - phase / AC200V~240V					
		Current, A * ₂	5 (8)	9	11	805	5	12		
	Weight, kg (lb)		10 (22)	13 (39)	13 (39)	2 (26)	10 (22)	13 (39)		
	Allowable length of connection cable		3.5~20m (Tuning Free)							