



## Osaka TG Series

### Technical Specifications

Specification.	Pump Model	TG710M/713M	TG1110M/1113M	TG2000M	TG2810EM	TG3210EM	TG3410EM
		TG710EM/713EM TG730M/733M TG730EM/733EM	TG1110EM/1113EM TG1130M/1133M TG1130EM/1133EM	TG2003M	TG2813EM	TG3213EM	TG3413EM
Flange	inlet	VG150 ISO-160B CF160	VG200 ISO-200B CF200	VG250 ISO-250B	VG250 ISO-250B	VG300 ISO-320B	VG350
	foreline	KF40	KF40	KF40	KF40	KF40	KF40
Pumping speed	for N2 L/s	700	1100	2000	2800	3200	3400
Rotation speed	rps	560		400	360		
Startup/Shutdown time	min	6/5		10/15	12/15		
Standard backing pump	m3/h	15		30	60		
Weight	kg	38		70	120		
Installation		in any position					
Permissible ambient temperature	°C	10~40					
Power Supply Model		TD711/1111-C		TD2001-C	TD3211-C		
Input voltage	ACV	200/220 over voltage category II					
frequency	Hz	50/60					
phase		Single					
power consumption	kVA	max.1.6		Max.1.8			
Weight	kg	23					
Permissible ambient temperature	°C	0~40		Pollution degree 2 or better			

Isolated source (via transformers) : isolated from the standard supply system and isolated from earth/ground by at least basic insulation.  
(A suitable supply transformer would be one of complying to IEC742.)

