

TEXEL® PVDF / ETFE / PFA / PP / GFR-PP Sealless Pumps

Leak-free chemical pumps are suitable for process services due to their excellent corrosion resistance, as well as pressure and temperature ratings.

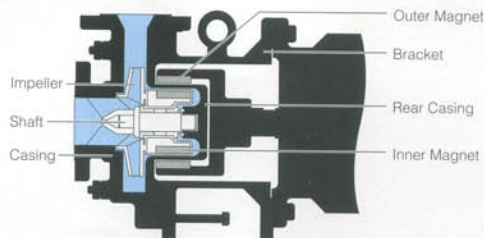
The PFA models are ideal for transferring high purity chemicals.

Structure of Magnet Drive Pump :

The drive principle is a magnet drive system which transmits the motor rotation torque to the pump drive unit by using the attraction and repulsion property of magnet.

The outer-magnet directly coupled with the motor shaft transmits the motor rotation to the main shaft and impeller united with the inner-magnet.

The casing itself seals the exterior and interior of the pump eliminating the need for sealing device, thereby making pumps completely leakage free.



Flanges : ANSI 150lb RF equivalent and DIN equivalent are also available

MER



Material :

Casing : PVDF / ETFE

Impeller + Inner Magnet : PVDF / ETFE

Shaft : Alumina Ceramic / SiC

Bearings : C-PTFE / G-PTFE / SiC / S-Carbon

Technical Data (Motor : 2 pole)

Pump Model	Hz	Suc. x Dis. (mm)	Capacity (ℓ/min)	Total Head (m)	Motor Output (kW)	Bare Pump Weight (kg)	Max. Temp. (°C)
MER-0501	50	50×40	100	10	0.75	25	90
MER-0503				15	1.5	26	
MER-0505			200	20	2.2	26	
MER-0507				25	2.2	26	
MER-0502				60	50×40	100	
MER-0504	15	1.5	26				
MER-0506	200	20	2.2			26	
MER-0508		25	2.2			26	

MEH



Material :

Casing : PVDF / ETFE

Impeller + Inner Magnet : PVDF / ETFE

Shaft : Alumina Ceramic / SiC

Bearing : C-PTFE / G-PTFE / SiC

Mouth Ring : C-PTFE / G-PTFE / SiC / S-Carbon

Technical Data (Motor : 2 pole)

Pump Model	Hz	Suc. x Dis. (mm)	Capacity (ℓ/min)	Total Head (m)	Motor Output (kW)	Bare Pump Weight (kg)	Max. Temp. (°C)
MEH-0401	50	40×20	50	20	0.75	25	90
MEH-0403				25	1.5	26	
MEH-0405				30			
MEH-0407				35			
MEH-0402				60	40×20	50	
MEH-0404	25	1.5	26				
MEH-0406	30						
MEH-0408	35						

MET-040



Material :

Casing : PFA + FCD450

Impeller + Inner Magnet : PFA

Shaft : Alumina Ceramic / SiC

Bearing : C-PTFE / G-PTFE / SiC

Mouth Ring : C-PTFE / G-PTFE / SiC

Technical Data (Motor : 2 pole / 4 pole)

Pump Model	Pole	Hz	Suc. x Dis. (mm)	Capacity (ℓ/min)	Total Head (m)	Bare Pump Weight (kg)	Max. Temp. (°C)
MET-0401	2P	50	40×25	100	20	0.75kW : 40 1.5kW : 42 2.2kW : 42 3.7kW : 47 5.5kW : 49	100 Option : 120
MET-0403					25		
MET-0405					30		
MET-0407					35		
MET-0409					40		
MET-0400		60	40×25	100	20	0.75kW : 40 1.5kW : 42 2.2kW : 42 3.7kW : 47 5.5kW : 49	
MET-0402					25		
MET-0404					30		
MET-0406					35		
MET-0408					40		
MET-0409	4P	50	40×25	50	10	0.4kW : 39 0.75kW : 40 1.5kW : 43	
MET-0408		60			15		