

1. Applicable Pressure Range

Classification	Pressure [Mpa]					
	0.5	1.0	1.5	2.0	2.5	3.0
EA220 · EA230	0.7					
EA260 · EA270	2.5					

2. Applicable Temperature Range by Rubber Material

Material	Temperature [°C]						
	-40	0	40	80	120	160	200
NBR	-28~80						
FKM	-15~220						

3. Seal Face Selection from Fluid, Temperature and Pressure

Material combination	Fluid						Slurry max.wt%	Temperature [°C]				Pressure [Mpa]				
	A	B	C	D	E	F		40	80	100	140	0.5	1.0	1.5	2.0	2.5
Alumina ceramic x Mould carbon	●	●					0.05	80				0.7				
Alumina ceramic x Sintered carbon	●	●	●		●		0.05	100				1.0				
SiC x Sintered carbon	●	●	●	●	●		0.05	120				2.5				
SiC x SiC	●	●	●	●	●	●	5	100				1.6				

[Symbol] A:Water(Ambient temp.) B:Hot water C:Sea water D:Coolant E:Oil,Fuel oil F:Slurry

4. Seal Face Pressure / Velocity Limits (Guideline)

