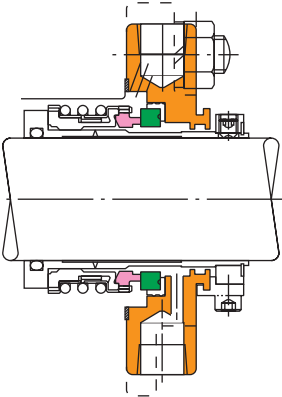
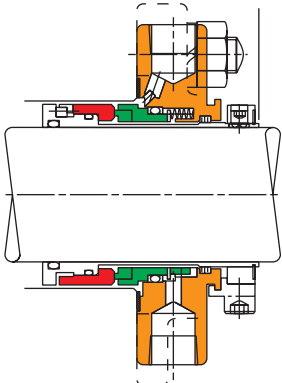
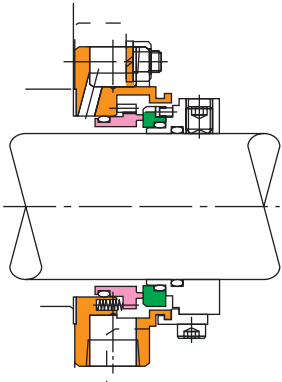
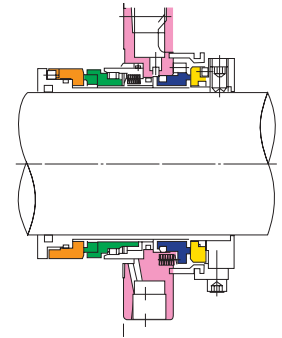


# New EKK Global Cartridge Seal

	TYPE	Structure	Capabilities	Construction	Gland Size
1	MA222		<p>Pressure : 0.5MPag[72psig]max            Temperature : 80 °C[176°F]max (oil)                              60 °C[140°F]max (water)            Shaft speed : 10m/sec[32.8ft/sec]max</p> <p>Materials : CERAMIC x CARBON</p> <p>Rubber : Nitrile</p> <p>Slurry Content : 0.3 wt%</p>	<p>(1) Use of rubber bellows and cup gasket</p> <p>(2) Flush and drain connections are standard</p> <p>(3) Accepts high degree of axial flexibility</p> <p>(4) Simple construction</p>	<p>General Purpose Pumps only</p>
2	MA250 MA251		<p>Pressure :            MA250 : 1.6MPag[230psig]max            MA251 : 1.6MPag[230psig]max            Temperature : 160 °C[320°F]max (oil)                              60 °C[140°F]max (water)            Shaft speed : 20m/sec[65.6ft/sec]max</p> <p>Materials: MA250 : CARBON x SiC            MA251 : SiC x SiC            O-RING : Viton® (FKM)</p> <p>Slurry Content : MA250 : 0.3 wt%            MA251 : 7 wt%</p>	<p>(1) Stationary mounted seal</p> <p>(2) No clogging of spring pockets</p> <p>(3) Flush, quench and drain connections are standard</p> <p>(4) PTFE quench restrictor</p> <p>(5) Simple and compact construction</p>	<p>Standard DIN and ISO Pumps</p>
3	MA290 MA291		<p>Pressure :            MA290 : 2.0MPag[290psig]            MA291 : 1.6MPag[230psig]            Temperature : 160 °C[320°F]max (oil)                              60 °C[140°F]max (water)            Shaft speed : 20m/sec[65.6ft/sec]max</p> <p>Materials : MA290 : CARBON x SiC            MA291 : SiC x SiC            O-RING : Viton® (FKM)</p> <p>Slurry Content : MA290 : 0.3 wt%            MA291 : 10 wt%</p>	<p>(1) Extremely compact seal</p> <p>(2) Axial length is less than 50mm</p> <p>(3) Clogging eliminated in spring pockets</p> <p>(4) Flush, quench and drain connections are standard</p>	<p>Standard DIN and ISO Pumps</p>
4	MD250	<p>DOUBLE SEAL</p> 	<p>INBOARD SIDE : MA250            ATMOSPHERE SIDE : MA290</p> <p>Pressure : 1.6MPag[230psig]max            Temperature : 160 °C[320°F]max (oil)                              80 °C[176°F]max (water)            Shaft speed : 20m/sec[65.6ft/sec]max</p> <p>Slurry Content : 0.3wt%</p>	<p>(1) Extremely compact double seal</p> <p>(2) Flush, quench and drain connections are standard</p> <p>(3) Atmosphere side seal can accept higher pressures than inboard side seal</p>	<p>Standard DIN and ISO Pumps</p>