










## Fields of application

Schroeder Automatic Recirculation Valves are used whenever rotary pumps have to be protected against excessive increases in temperature and the related damage, such as cavitation.

Fields of application		Materials
	<p><b>Chemical industry</b> Aqueous liquids Liquid gases - transfer pumps in harbours</p>	<p><b>1.4301</b> (A182 Gr. F304) <b>1.4541</b> (A182 Gr. F321) <b>1.4571</b> (A276 316TI) <b>1.4462</b> (A182 Gr. F51)</p>
	<p><b>Nuclear power plants</b> Boiler feed water Cooling water Condensate</p>	<p><b>1.0460</b> (A105) <b>1.4541</b> (A182 Gr. F321) <b>1.4571</b> (A276 316TI) <b>1.4404</b> (A182 Gr. F316L)</p>
	<p><b>Conventional power plants</b> Boiler feed water Cooling water Condensate</p>	<p><b>1.0460</b> (A105) <b>1.4541</b> (A182 Gr. F321) <b>1.4571</b> (A276 316TI) <b>1.4404</b> (A182 Gr. F316L)</p>
	<p><b>Petrochemical industry</b> All types of hydrocarbons Liquid gases</p>	<p><b>1.0460</b> (A105) <b>1.4301</b> (A182 Gr. F304) <b>1.4541</b> (A182 Gr. F321) <b>1.4571</b> (A276 316TI)</p>
	<p><b>Offshore</b> Fire-extinguisher systems on offshore platforms Water injection pumps</p>	<p><b>1.4462</b> (A128 Gr. F51) <b>1.4501</b> (A182 Gr. F55) <b>2.0975</b> (CuAl10Ni5Fe4) <b>1.4469</b> (A890 5A) <b>1.4470</b> (A890 6A)</p>
	<p><b>Paper industry</b> Cellulose</p>	<p><b>1.0460</b> (A105) <b>1.4301</b> (A182 Gr. F304) <b>1.4541</b> (A182 Gr. F321) <b>1.4571</b> (A276 316TI)</p>

	<p style="text-align: center;"><b>Steel mills</b></p> <p>Descaling of steel components after hot forming Cooling systems</p>	<p><b>1.0460</b> (A105) <b>1.4541</b> (A182 Gr. F321) <b>1.4571</b> (A276 316TI) <b>1.4462</b> (A182 Gr. F51)</p>
	<p style="text-align: center;"><b>Ship loading / marine transport</b></p> <p>Boiler feed water (turbine drive) Fire-extinguisher systems</p>	<p><b>1.4404</b> (A182 Gr. F316L) <b>1.4462</b> (A182 Gr. F51) <b>2.0975</b> (CuAl10Ni5Fe4) <b>1.3964</b> (NITRONIC 50)</p>
	<p style="text-align: center;"><b>Industry</b></p> <p>Generation of artificial snow (snow cannons) Drinking water supply Waste-water treatment</p>	<p><b>1.4301</b> (A182 Gr. F304) <b>1.4541</b> (A182 Gr. F321) <b>1.4571</b> (A276 316TI) <b>1.4404</b> (A182 Gr. F316L)</p>