

RC200-range: DNV Ship approval

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The RC200-range is approved according to DNV Ship Pt.4 Ch.7, DNV class III, for operating with Air/Inert gas. Certificate no. TAP000003K. All versions of RC200 except RCC (steel body) and RCE (electro hydraulic) in all temperature classes are included (High temp, Standard temp, Low temp and Arctic).

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For the DNV ship approval to be valid, it has to be indicated on the purchase order that the actuators are to be supplied with DNV ship approval. Specific part number will be created.

A 3.1 Factory acceptance test shall be made on each unit. Meaning increased testing made by the quality department.

Allowed pressure in the actuator is test pressure divided by 1.1. As we normally test with 7 bar, normal max pressure for DNV-ship actuators are 6.3 bar. If higher pressure is needed, please state that on the order.

In some cases, in high temp, the certificate states a bit lower max pressures:

Model	Cylinder diameter (mm)	Maximum allowable pressure	
		Standard and low temp models	High temp model
RC210	Ø55	10 bar	10 bar
RC220			
RC230	Ø85	10 bar	10 bar
RC240			
RC250	Ø125	10 bar	8.3 bar
RC260			
RC265	Ø140	8 bar	6.3 bar
RC270	Ø200	10 bar	10 bar
RC280			
RC88	Ø200	6 bar (SR) 7bar (DA)	6 bar (SR) 7bar (DA)

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