



December 19, 2014

Model, Material Code and Working Pressure for Products with NACE Certification

Mid-West Instrument can offer product with wetted pressure containing elements compliant with NACE MR0175 or NACE MR0103 in 316 SS and Aluminum only. We cannot offer products in other materials regardless of whether we have supplied them in the past.

Products that are bolted together require special bolts and will have limited or reduced working pressures from standard product.

CAUTION: Model numbers that do not appear in the tables below or option codes that exceed the working pressures in the tables below cannot be supplied with NACE compliance.

Model Numbers with Standard Working Pressures

Model-Material WP Code	Body Material	Max. Working Pressure
120-A	Aluminum	3000 PSIG
120-S	316 SS	6000 PSIG
121-A	Aluminum	3000 PSIG
121-S	316 SS	6000 PSIG
123-A	Aluminum	3000 PSIG
123-S	316 SS	5000 PSIG
124-S	316 SS	10000 PSIG
130-A & 130-S	Aluminum & 316 SS	500 PSIG
140-A & 140-S	Aluminum & 316 SS	3000 PSIG
150-AO	Aluminum	3000 PSIG
150-SO	316 SS	5000 PSIG
150-SH	316 SS	10000 PSIG
200-AO & 200-SO	Aluminum & 316 SS	5000 PSIG
200-SH	316 SS	10000 PSIG

Model Numbers with Limited Working Pressures

Model-Material WP Code	Body Material	Max. Working Pressure
105-F & 105-Q	Aluminum & 316 SS	1500 PSIG
105-G & 105-R	Aluminum & 316 SS	3000 PSIG
106-F & 106-Q	Aluminum & 316 SS	1500 PSIG
106-G & 106-R	Aluminum & 316 SS	3000 PSIG
109-F & 109-Q	Aluminum & 316 SS	1500 PSIG
109-G & 109-R	Aluminum & 316 SS	3000 PSIG

Model Number with Reduced Working Pressure

Model-Material WP Code	Body Material	Max. Working Pressure
142-A & 142-S	Aluminum & 316 SS	1500 PSIG

CAUTION: We must develop a process so that the product is properly marked with the correct working pressure.

CAUTION: Products with a CRN and NACE shall be marked with the lowest working pressure based on the CRN requirements.

CAUTION: Hazardous location products with NACE shall be marked with the lowest working pressure based on the hazardous location pressure ratings.