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NW50 Centring Ring S/S Viton

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Technical Data

Physical data	
Operating pressure range (absolute)	
C clamp and centring ring	10^{-7} mbar - 1 bar
Stainless steel clamping ring and Co-seal	10^{-7} mbar - 17 bar
Stainless steel clamp and metal seal	10^{-8} mbar - 3 bar
Stainless steel clamp and Co-seal (all sizes)	10^{-7} mbar - 17 bar
Polymer and aluminium clamps and Co-seal	
NW10 to NW25	10^{-7} mbar - 17 bar
NW40 to NW50	10^{-7} mbar - 10 bar
NW trapped 'O' ring	10^{-7} mbar - 10 bar
'O' ring and centring ring (vacuum use only)	10^{-7} mbar - 1 bar
Bellows	10^{-7} mbar - 1 bar
Flexible pipelines	10^{-7} mbar - 2 bar
Braided flexible pipelines*	10^{-7} mbar - 10 bar
Depends on size	
Operating temperature	
Polymer Co-seal	-10 to 80 °C
Aluminium Co-seal and nitrile seal	-10 to 100 °C
Aluminium Co-seal and fluoroelastomer seal	-10 to 200 °C
Polymer centring ring and nitrile 'O' ring	-10 to 100 °C
Polymer centring ring and fluoroelastomer seal	-10 to 125 °C
Nitrile 'O' ring	-10 to 100 °C
Fluoroelastomer 'O' ring	-10 to 200 °C
Polymer clamp	
Constant vacuum use	-10 to 100 °C
Intermittent vacuum use	-10 to 125 °C
Stainless steel clamping ring	-10 to 125 °C
Aluminium clamping ring	-10 to 200 °C
Stainless steel clamp	-10 to 200 °C
Standards compliance	
NW and ISO fittings	Pneurop 6606 (1981), ISO1609 (1986) DIN28403, DIN28404
CF fittings	ISO3669
Stainless steel equivalents	

AISI number	German steel number	DIN standard
304	1.4301	X5 CrNi 18 10
303	1.4305	X10 CrNi 5 18 9
304L	1.4306	X2 CrNi 19 10
301	1.4310	X12 CrNi 17 7
316	1.4401	X5 CrNiMo 18 10
316L	1.4404	X2 CrNiMo 17 13 2
316Ti	1.4571	X6 CrNiMoTi 17 12 2
321	1.4541	X10 CrNiTi 18 9

Centering Ring with 'O' Ring sizes – see Dimensional drawing

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