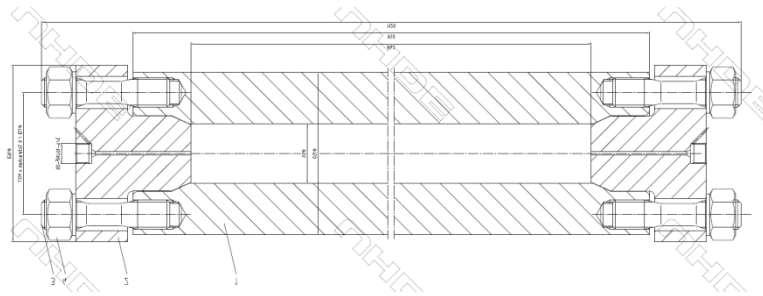


4.400 bar high-pressure pulsation dampener for waterjet cutting



thyszenkrupp



Product description

The high pressure pulsation dampener is installed inside the cutting water pipeline of a waterjet cutting system. Its task is to smoothen out the pulsation created by the stroke reversal of a high pressure pump. This ensures a significantly improved lifetime of orifices, high pressure tubes, valves and other components in a high-pressure cutting water pipeline system.

Technical data	Unit	Description	
Volume	l	0,6 / 1 / 2	
Operating pressure, normal	[bar] / [psi]	4.150 / 60.190	
Operating overpressure, permitted	[bar] / [psi]	4.400 / 63.800	
Operating pressure, max	[bar] / [psi]	6.400 / 92.800	
Load cycles according to AD-2000 S2 Anhang 4		2.570.000 @ 0 – 3.500 bar	
Operating temperature, normal	°C	20 °C	
Operating temperature, max	°C	50 °C	
Medium	-	Water	
		HP connection type	
		3/4"-16UNF for HP-tube ø3/8" (9,52mm)	1 1/8"-12UNF for HP-tube ø9/16" (14,3mm)
HP connection type	0,6 l	11-011645	-
Please select from the matrix table the appropriate UHDE article number.	1 l	11-015965	-
	2 l	11-011510	11-012304
Installation position	-	horizontal	
Weight (0,6 l / 1 l / 2 l)	[kg]	70 / 90 / 140	

Acc. to pressure equipment directive (PED) 2014/68/EU or alternative acc. to ASME VIII Div. 3 Ed. 2015, KG120