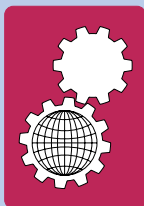


HIGH PRESSURE PUMP HOMOGENIZER

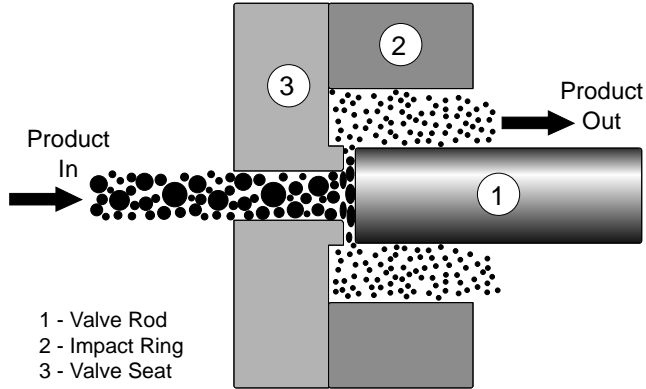
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Operation of Homogenizer Valve



As product moves through the narrow gap of the homogenizer valve, energy stored in the high pressure liquid is quickly converted to a stream of high velocity fluid. A combination of impingement, impllosion and shear forces disrupt the fluid stream reducing it to an emulsion or a dispersion.

Dimensions

Model	A	B	C	D	E
HP-50	28.5"	29.5"	19.0"	8.25"	15.25"
HP-300	43.0"	44.8"	46.7"	29.5"	42.0"
HP-700	45.25"	42.1"	53.4"	39.0"	55.0"
HP-1400	53.0"	52.1"	63.0"	40.63"	59.25"

