HydroGuard™ SERIES

FEATURES

- Single diaphragm design
- Patented stainless steel or Noryl water connection
- Two part polyurethane, epoxy primed paint finish
- Leak free, o-ring sealed air valve cap
- Comprehensive testing
- No maintenance

HydroGuard™ shock arrestors are specially designed for use in hydraulic hammer arresting applications.

HydroGuard™ shock arrestors are built to reduce or eliminate hydraulic shock, otherwise known as water hammer. They do this by absorbing pressure surges within water or other fluids that are suddenly stopped or forced in other directions by fast closing valves. HydroGuard™ shock arrestors are best used at the point of shock and should be installed as close to the valve or piping where the shock originates from.

HydroGuard™ shock arrestors are designed with the latest diaphragm technology. A high grade butyl diaphragm is sealed inside the vessel creating a barrier between fluid and air chambers. The air chamber acts as a cushion which compresses when system pressure suddenly increases or surges as a result of hydraulic shock.
HydroGuard™ shock arrestors are quality tested at several stages along the production line in ensure the structural integrity of every tank.

HydroGuard™ shock arrestors represent the best value for the investment and are the best quality shock arrestors available today.

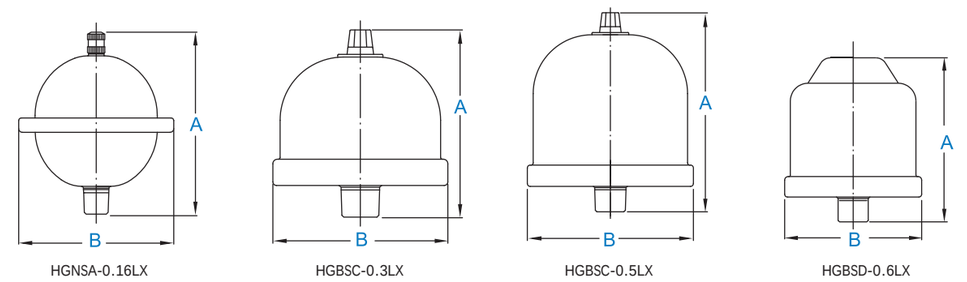
SPECIFICATIONS

HydroGuard™ Series Models

NPT	BSP	Connection	Nominal Volume		Shipping (box) Volume		Pieces per box	Shipping (box) Weight		Dimensions			
										A		B	
			liter	gal	m³	ft³		kg	lbs	cm	inches	cm	inches
HGNSA-0.16LX	HGNSA-0.16LX	1/2" SS	0.16	0.04	0.05	1.67	24	8.32	18.34	11.30	4.45	8.50	3.40
HGBSC-0.3LX	HGBSC-0.3LX	1/2" Noryl	0.3	0.08	0.05	1.67	40	16.58	36.55	10.35	4.07	9.70	3.80
HGBSC-0.5LX	HGBSC-0.5LX	1/2" Noryl	0.5	0.13	0.06	1.97	24	15.71	34.63	13.50	5.31	10.50	4.13
HGBSD-0.6LX	HGBSD-0.6LX	1/2" Noryl	0.6	0.16	0.04	1.24	20	11.68	25.75	15.85	6.24	8.90	3.50
HGPSO-1LX	HGPSO-1LX	1/2" Nylon	1	0.26	0.05	1.67	15	12.15	26.79	14.35	5.65	13.60	5.35
HGPSR-1LX	HGPSR-1LX	1/2" SS	1	0.26	0.07	2.42	20	18.42	40.61	19.68	7.75	12.02	4.73
HGPSO-2LX	HGPSO-2LX	3/4" Nylon	2	0.5	0.07	2.42	12	15.87	34.99	15.83	6.23	16.30	6.41
HGBPA-2LX	HGNPA-2LX	1" BSP/NPT	2	0.5	0.06	1.97	12	13.62	30.03	20.80	8.19	12.60	5.00
HGBPA-4LX	HGNPA-4LX	1" BSP/NPT	4	1.1	0.01	0.28	1	1.83	4.03	26.10	10.28	16.20	6.40

Note: Variation available, ask your sales person
Maximum Working Pressure: 10 bar / 150 psi
Maximum Working Temperature: 90°C / 194°F

Note: Minor dimensional variation may occur



HGNSA-0.16LX | HGBSC-0.3LX | HGBSC-0.5LX | HGBSD-0.6LX

HGPSO-1LX | HGPSR-1LX | HGPSO-2LX | HGBPA-2LX / HGNPA-2LX
HGBPA-4LX / HGNPA-4LX

ISO:9001 CE WRAS APPROVED PRODUCT