EHV Series: How to order a high pressure accumulator

24,5- 330 /90-A25GA-200/100

Product Type EHV High pressure bladder ETHV High pressure transfer bladder EHVF High pressure bladder flanger Volume in L (up to 4 Characters) for 0.5 Liter for 20 Liters for 24.5 Liters Maximum Working Pressure for 120 bar max working pressure (stainless steel range) for 330 bar max working pressure 330 for 350 bar max working pressure for 690 bar max working pressure 690 *If the product is not CE, use highest MWP according to regulation relevant to the product (see Approvals PAGES 64&65) According to the PED2014/68/EU, article 4.3 for the volumes from 0.5 to 1L 48 According ASME 71 According CUTR 032/2013 86 According CE/ASME/SELO 88 According CE/SELO 90 According to the PED 2014/68/EU 94 According CE/ASME (Please refer to Approvals PAGES 63&64) Material (Shell and Fluid Port) A All parts in carbon steel with Epoxy paint for shell only В Carbon Steel shell + Internal Protection Epoxy 80 µm + stainless steel fluid port and valve Carbon Steel shell + Int- Ext Protection Kanigen 50 µm + stainless steel fluid port and valve С Carbon Steel shell + Int- Ext Protection Blue Rilsan 200-300 µm + carbon steel fluid port and valve Ε Carbon Steel shell + stainless steel fluid port and valve Carbon steel shell + Internal Protection Teflon 40-50 µm All parts in stainless steel Carbon Steel shell + Int- Ext Protection Blue Rilsan 200-300 µ + stainless steel fluid port and valve R Special Bladder Mix 02 For Mix 02 [-32°C;+115°C] Hydrin C 10 For Mix 10 [-30°C;+70°C] Nitrile Low Temperature 20 For Mix 20 [-6°C;+110°C] Nitrile Heavy Duty For Mix 25 [-20°C;+100°C] Nitrile standard 30 For Mix 30 [-5°C;+115°C] Nitrile Low Permeability For Mix 35 [0°C;+130°C] Nitrile high temperature 35 37 For Mix 37 [-59°C;+110°C] Nitrile Extreme Low Temp 40 For Mix 40 [-15°C;+120°C] Butyl 47 For Mix 47 [-40°C;+120°C] EPDM 80 For Mix 80 [-20°C;+140°C] Viton Gas cyl. 1/2" (max flow rate: 120L/min Flange BR 400-38 (max flow rate: 900L/ Α G Gas cvl. 2" (max flow rate: 900L/min) Gas cyl. 3/4" (max flow rate: 240L/min Gas cyl.2" DA (max flow rate: 1200L/min) min, EHV 10L to 57L) В Н Gas cyl. 1" (max flow rate: 360L/min Gas cyl.2"1/2 GD (max flow rate 1800 L/min) Flange BR 400-25 (max flow rate: 450L/ С 1/4" (max flow rate: 450L/min min, EHV 2,5L to 10L) М Metric M40 x1.5 Ε Gas cyl. 1"1/4" DA (max flow rate: 570L/min N Metric M50 x1.5 Special **Gas Valve Configuration** 0 Gas Valve Type - 5/8" - 18 UNF + Burst disc No gas valve Gas Valve Type - 5/8"- 18 UNF Gas Valve Type - 7/8"- 14 UNF Gas Valve Type - 7/8" - 14 UNF + Burst disc G Gas Valve Type- 7/8" -14 UNF integrated + Burst disc Н Gas Valve Type- 7/8" -14 UNF integrated Gas Valve Type - 5/8" - 18 UNF integrated + Burst disc С D Gas Valve Type - 5/8"- 18 UNF integrated Gas Valve Type- 7/8" -14 UNF high pressure + Burst disc Gas Valve Type- 7/8" -14 UNF high pressure Z Ε Special Fluid Type Not applicable Fluid Type 1 CE Fluid Group 1 Fluid Type 2 - CE Fluid Group 2 No Special features or configuration ASME certified accumulator according to Standard documentation + Leak test report EX **ATEX** Standard documentation + Descriptive state-ASME VIII Div.1: D2 ΕZ ATEX with other special configuration MWP = 3000 psi (207 bar) ment + Design calculation note EU All components sourced in EU ZΖ 36 MWP = 3600 psi (248 bar) Special configuration or several options MWP = 4000 psi (276 bar) 40 Special painting MWP = 5000 psi (345 bar) Precharge @ 20°C in Bar

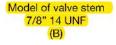
When at storage pressure (Keep empty)

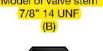
EHV Series 350 bar, 0.2 to 10 Litres

Standard Version (Carbon Steel shell/NBR mix) for mineral oils. According to PED 2014/68/EU (**), EN 14359, Fluid Group 2 Product Prices, Part numbers, Accessories

	Valve	Pre- charge			Adaptor	Clamps	Support Bracket	Mounting Frame	Lifting Eye on gas side	Complete Repair Kit		
Type Part number	see drawing	1 - 109 bar	210 - 300 bar bar		Threaded Part number	Model (quantity) Part number	Model Part number	Model Part number	Model Part number	Model Part number		
EHV 0.2-350/00-A20AD-200* 10876301120	D	751013	751028	751043	G 1/4" cyl 4556500223	A56 (1) 20149203625				KIT EHV 0.2-350/00-A20AD 19001000220		
EHV 0.5-350/00-A25BD-200* 10876401125	D	751000	751029	751044	G 3/8" cyl 4556400223	E95 (1) 20250803648				KIT EHV 0.5-350/000-A25BD 19001100225		
EHV 1-350/00-A25BC-200* 10845601125	O				G 3/8" cyl	E114 (1)	CE 89			KIT EHV 1-350/00-A25BC 19029700225		
EHV 1-350/00-A25BB-200* 10866901125	В	751001	751030	751045	04556400223	20251003648	20151903620			KIT EHV 1-350/00-A25BB 19036400225		
EHV 1.6-350/90-A25BC-200 10998301125	С				G 3/8" cyl	E114 (1)	CE 89			KIT EHV 1.6-350/900-A25BC 19060700225		
EHV 1.6-350/90-A25BB-200 11123501125	В	751014	751019	751034	04556400223	20251003648	20151903620			KIT EHV 1.6-350/900-A25BB 19061000225		
EHV 2.5-350/90-A25DC-200 10854701125	С				G 3/4" cyl	E114 (2)	CE 89			KIT EHV 2.5-350/90-A25DC 19029800225		
EHV 2.5-350/90-A25DB-200 10866601125	В	751002	751031	751046	04555200223	20251003648	20151903620		10912700200	KIT EHV 2.5-350/90-A25DB 19036500225		
EHV 4-350/90-A25DC-200 10845401125	С				G 3/4" cyl	E168 (1)	CE108	EF1		KIT EHV 4-350/90-A25DC 19029900225		
EHV 4-350/90-A25DB-200 10866101125	В	751012	751020	751035	04555200223	20251303648	20118703620	20217500125	10912700200	KIT EHV 4-350/90-A25DB 19036600225		
EHV 5-350/90-A25DC-200 10861201125					G 3/4" cyl	E114 (2)	CE 89			KIT EHV 5-350/90-A25DC 19030000225		
EHV 5-350/90-A25DB-200 10866701125	В	751003	751032	751047	04555200223	20251003648	20151903620		10912700200	KIT EHV 5-350/90-A25DB 19036700225		
EHV 6-350/90-A25DC-200 10857401125	С				G 3/4" cyl	E168 (2)	CE108	EF1		KIT EHV 6-350/90-A25DC 19030100225		
EHV 6-350/90-A25DB-200 10866201125	В	751015	751021	751036	04555200223	20251303648	20118703620	20217500125	10912700200	KIT EHV 6-350/90-A25DB 19036800225		
EHV 10-350/90-A25DC-200 10859701125	С				G 3/4" cyl	E168 (2)	CE108	EF1		KIT EHV 10-350/90-A25DC 19030200225		
EHV 10-350/90-A25DB-200 10866301125	В	751004	751022	751037	04555200223	20251303648	20118703620	20217500125	10912700200	KIT EHV 10-350/90-A25DB 19036900225		

From 07/2016 PED 97/23/EC Article 3.3 becomes PED 2014/68/EU Article 4.3









Model of valve stem

Model of valve stem integrated 5/8" 18 UNF







From 07/2016 PED 97/23/EC becomes PED 2014/68/EU

^{***} For more adaptor options see page 58.

		Max. Working pressure (PS) bar	Max Flow Rate I/min	Admissible Accumulator Temperature min/max (°C) (1)	Weight kg	Gas connection	Dimensions in mm							
Type Part number	Effective Gas vol. Litres						A max Height	В	С	øD	ød	øΕ	F on flats	G connection
EHV 0.2-350/00-A20AD-200* 10876301120	0.17	350	120	- 6/+80	2.5	5/8" 18 UNF	268	38	27	58	16	39	24	G ½"
EHV 0.5-350/00-A25BD-200* 10876401125	0.6	350	240	- 20/+80	3	5/8" 18 UNF	260	54	27	91	16	50	32	G ¾"
EHV 1-350/00-A25BC-200* 10845601125	1	350	240	- 20/+80	6	7/8" 14 UNF	220	5 4	00	440	00.5	5 0	00	0.3/"
EHV 1-350/00-A25BB-200* 10866901125						7/8" 14 UNF	330	54	66	116	22.5	50	32	G ¾"
EHV 1.6-350/90-A25BC-200 10998301125	1.6		240	- 20/+80	8	7/8" 14 UNF								
EHV 1.6-350/90-A25BB-200 11123501125		350				7/8" 14 UNF	442	54	66	116	22.5	50	32	G ¾"
EHV 2.5-350/90-A25DC-200 10854701125	2	0.50	450			7/8" 14 UNF					00.5		50	0.11
EHV 2.5-350/90-A25DB-200 10866601125		350	450	- 20/+80	11		549	66	66	116	22.5	68	50	G 1 1/4"
EHV 4-350/90-A25DC-200 10845401125	3.7	350	450	- 20/+80	15	7/8" 14 UNF								
EHV 4-350/90-A25DB-200 10866101125						7/8" 14 UNF	434	65	66	170	22.5	68	50	G 1 ¼"
EHV 5-350/90-A25DC-200 10861201125	- 5	350	450	- 20/+80	17	7/8" 14 UNF								
EHV 5-350/90-A25DB-200 10866701125						7/8" 14 UNF	898	66	66	116	22.5	68	50	G 1 ¼"
EHV 6-350/90-A25DC-200 10857401125	6.0	350	450	- 20/+80	20	7/8" 14 UNF								
EHV 6-350/90-A25DB-200 10866201125						7/8" 14 UNF	560	65	66	170	22.5	68	50	G 1 ¼"
EHV 10-350/90-A25DC-200 10859701125	- 10	350	450	- 20/+80	31	7/8" 14 UNF	005	0.5	20	476	22.5	00	50	0.44(
EHV 10-350/90-A25DB-200 10866301125						7/8" 14 UNF	825	65	66	170	22.5	68	50	G 1 ¼"

(1)Temperature range can change depending on shell and elastomer material. Please see bladder materials and Type (page 67) Above dimensions are in mm and are subject to manufacturing tolerances.

