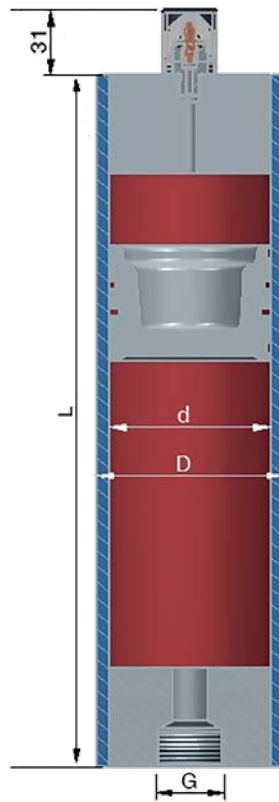


PISTON ACCUMULATOR HPA

HPAC SERIES, VOL. UP TO 50 L, STANDARD 250 BAR, CARBON STEEL



TECHNICAL DATA

Piston diameter
80 / 125 / 180 / 200 mm

VOLUME
0.4–50 litres

APPROVAL
DGRL 2014/68/EU

MAX. PERMISSIBLE PRESSURE (PS)
250 bar

PERMISSIBLE TEMPERATURES (TS)
-25°C ... +100°C

COATING
Black PU paint (RAL9017), corrosion
protection C3h - ISO 12944-2

Other versions on request

MATERIALS

Body and components made of carbon
steel

GAS VALVE

Standard valve HGV M16x2, others
possible on request.

Safety valves and/or blocks according
to PED on request

CONNECTIONS

BSP acc. to EN ISO 228, see table

ART.NO.	VOL [l]	Ø d [mm]	Ø D [mm]	L [mm]	G FLUID	WEIGHT [kg]
250 bar / piston Ø 80mm						
HPAC-250-080-0,4-101	0.4	80	90	166	G ¾"	4.7
HPAC-250-080-0,5-101	0.5	80	90	186	G ¾"	4.9
HPAC-250-080-0,75-101	0.75	80	90	236	G ¾"	5.5
HPAC-250-080-001-101	1	80	90	286	G ¾"	6
HPAC-250-080-1,5-101	1.5	80	90	385	G ¾"	7
HPAC-250-080-002-101	2	80	90	485	G ¾"	8.1
HPAC-250-080-003-101	3	80	90	684	G ¾"	10.2
HPAC-250-080-004-101	4	80	90	883	G ¾"	12.2
250 bar / piston Ø 125mm						
HPAC-250-125-004-101	4	125	145	441	G1"	26.1
HPAC-250-125-005-101	5	125	145	522	G1"	28.8
HPAC-250-125-006-101	6	125	145	604	G1"	31.6
HPAC-250-125-008-101	8	125	145	767	G1"	37
HPAC-250-125-010-101	10	125	145	930	G1"	42.5
HPAC-250-125-012-101	12	125	145	1093	G1"	47.9
HPAC-250-125-015-101	15	125	145	1337	G1"	56
HPAC-250-125-020-101	20	125	145	1745	G1"	69.6

Manufacturing tolerances are not taken into account. Subject to modifications.



PISTON ACCUMULATOR HPA

HPAC SERIES, VOL. UP TO 50 L, STANDARD 250 BAR, CARBON STEEL

ART.NO.	VOL [l]	Ø d [mm]	Ø D [mm]	L [mm]	G FLUID	WEIGHT [kg]
250 bar / piston Ø 180mm						
HPAC-250-180-008-101	8	180	200	484	G 1 ½"	59.2
HPAC-250-180-010-101	10	180	200	563	G 1 ½"	63
HPAC-250-180-012-101	12	180	200	641	G 1 ½"	66.6
HPAC-250-180-015-101	15	180	200	759	G 1 ½"	72.1
HPAC-250-180-020-101	20	180	200	956	G 1 ½"	81.4
HPAC-250-180-025-101	25	180	200	1152	G 1 ½"	90.6
HPAC-250-180-030-101	30	180	200	1380	G 1 ½"	99.8
HPAC-250-180-035-101	35	180	200	1576	G 1 ½"	109
HPAC-250-180-040-101	40	180	200	1773	G 1 ½"	118.2
250 bar / piston Ø 200mm						
HPAC-250-200-010-101	10	200	230	529	G 1 ½"	89
HPAC-250-200-015-101	15	200	230	688	G 1 ½"	101.5
HPAC-250-200-020-101	20	200	230	847	G 1 ½"	114
HPAC-250-200-025-101	25	200	230	1007	G 1 ½"	126.5
HPAC-250-200-030-101	30	200	230	1166	G 1 ½"	139
HPAC-250-200-035-101	35	200	230	1325	G 1 ½"	151.5
HPAC-250-200-040-101	40	200	230	1484	G 1 ½"	164
HPAC-250-200-045-101	45	200	230	1644	G 1 ½"	176.5
HPAC-250-200-050-101	50	200	230	1803	G 1 ½"	190

Manufacturing tolerances are not taken into account. Subject to modifications.

PISTON ACCUMULATOR HPA

TYPE CODE

HYDRAULIC PISTON ACCUMULATOR HPA		HPA C - 250 - 100 - 010 - AR - 00 - 01 - ST - 10 - N											
Material													
Carbon steel	C												
Max. operating pressure [bar]													
220 / 250 / 280 / 350 / 375 / 415 / 500													
Piston diameter [mm]													
50, 80, 100, 125, 140, 150, 160, 180, 200, 250, 310, 360													
Volume													
0.1 ... 250 [litres] larger on request													
Fluid connection													
Type													
Size													
(See table) e.g. AR = G1"													
Gas-side connection													
00 = none													
(See size chart) e.g. EN = NPT ½"													
Gas valve													
none	00												
Minimess 1620 M16x2	01												
Integr. gas valve, IG ¾" (standard from 60L)	05												
Others on request	Z												
Sealing system													
Standard	ST												
Low temperature	TT												
Special	Z												
Coating (paint)													
none	00												
PU paint, black RAL9017 (up to 50L standard)	10												
Primer, beige (standard for > 50L)	20												
Others on request	Z												
Options													
No option	N												
Article description	Y												

CONNECTION TABLE FOR FLUID AND GAS SIDE

	TYPE	K	L	M	N	P	R	S	T	U	V	W
Thread ISO 228-1 (G)	A	G ½"	G ¼"	G ¾"	G ½"	G ¾"	G 1"	G 1¼"	G 1½"	G 2"	G 2½"	G 3"
Thread ISO 6149-1 (M)	B	M10x1	M12x1.5	M14x1.5	M18x1.5	M22x1.5	M27x2	M33x2	M42x2	M18x2	-	-
SAE flange ISO 6162-1 3000 psi	C	½"	¾"	1"	1¼"	1½"	2"	2½"	3"	-	-	-
SAE flange ISO 6162-2 6000 psi	D	½"	¾"	1"	1¼"	1½"	2"	2½"	3"	-	-	-
NPT	E	½"	¼"	¾"	½"	¾"	1"	1¼"	1½"	-	-	-
Autoclave	F	-	¼"	¾"	-	-	-	-	-	-	-	-