

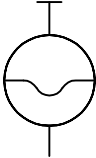
Piston type accumulator type HPS

Reliable and powerful hydraulic accumulators belong to a up-to-date hydraulic system in many mobile and stationary applications. They are in great demand especially if you want to save energy, damp pulsation, compensate leakage or deliver high volume flow in a short time in the hydraulic system. There is no faster or easier solution to do so than with a piston accumulator. The floating piston separates the compressible gas section and the fluid section, e.g. the hydraulic oil. High quality and tested sealings guarantee a reliable separation of gas and oil even under harsh conditions.



Basic type:	HPS
Nomenclature:	Piston type accumulator
Operation pressure:	415 bar
Capacity:	0.1 - 80 liter
Internal piston diameter:	80 - 250 mm

Basic types and general parameters

Basic type	Nom. volume V_0 (dm ³)	Pressure p_{max} (bar)	Connection thread (BSPP)	Symbol
HPS 11 - 250 - 080	0.4 ... 4.0	250	G 3/4	
HPS 11 - 250 - 100	2.0 ... 10.0	250	G 1	
HPS 11 - 250 - 160	5.0 ... 30.0	250	G 1 1/2	
HPS 11 - 250 - 200	8.0 ... 50.0	250	G 2	
HPS 11 - 250 - 250	10.0 ... 80.0	250	G 2	
HPS 11 - 350 - 080	0.4 ... 4.0	350	G 3/4	
HPS 11 - 350 - 100	2.0 ... 10.0	350	G 1	
HPS 11 - 350 - 160	5.0 ... 30.0	350	G 1 1/2	
HPS 11 - 350 - 200	8.0 ... 50.0	350	G 2	
HPS 11 - 350 - 250	10.0 ... 80.0	350	G 2	
HPS 11 - 415 - 080	0.4 ... 4.0	415	G 3/4	
HPS 11 - 415 - 100	2.0 ... 10.0	415	G 1	
HPS 11 - 415 - 160	5.0 ... 30.0	415	G 1 1/2	
HPS 11 - 415 - 200	8.0 ... 50.0	415	G 2	
HPS 11 - 415 - 250	10.0 ... 80.0	415	G 2	

1) The data listed represent only a selection of the various differing versions

Order examples

HPS 11 - 250 - 160 - 0050

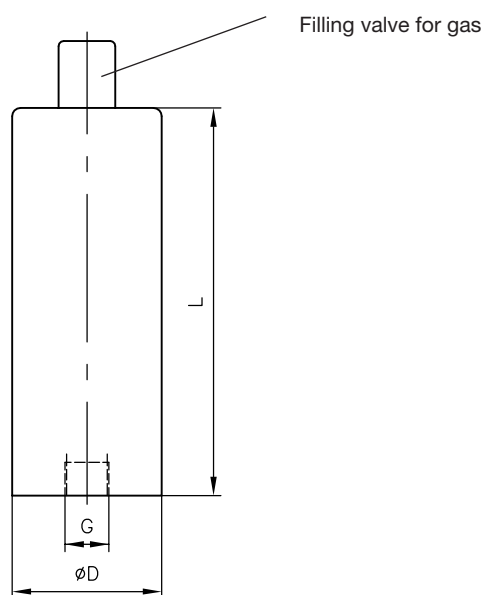
Piston type accumulator type HPS 11, max. oper. pressure 250 bar, internal diameter 160 mm, nom. volume 5 l

HPS 11 - 350 - 250 - 0600

Piston type accumulator type HPS 11, max. oper. pressure 350 bar, internal diameter 250 mm, nom. volume 60 l

Dimensions

Type HPS



All dimensions in mm, subject to change without notice!

Basic type	Nom. volume V_0 (dm ³)	$\varnothing D$	L	G
HPS 11 - 250 - 080	0.4 ... 4.0	90	233 ... 949	G 3/4
HPS 11 - 250 - 100	2.0 ... 10.0	110	439 ... 1458	G 1
HPS 11 - 250 - 160	5.0 ... 30.0	180	436 ... 1680	G 1 1/2
HPS 11 - 250 - 200	8.0 ... 50.0	229	233 ... 1840	G 2
HPS 11 - 250 - 250	10.0 ... 80.0	275	465 ... 1886	G 2
HPS 11 - 350 - 080	0.4 ... 4.0	95	254 ... 970	G 3/4
HPS 11 - 350 - 100	2.0 ... 10.0	115	457 ... 1475	G 1
HPS 11 - 350 - 160	5.0 ... 30.0	185	458 ... 1702	G 1 1/2
HPS 11 - 350 - 200	8.0 ... 50.0	225	513 ... 1849	G 2
HPS 11 - 350 - 250	10.0 ... 80.0	280	491 ... 1917	G 2
HPS 11 - 415 - 080	0.4 ... 4.0	95	254 ... 970	G 3/4
HPS 11 - 415 - 100	2.0 ... 10.0	115	469 ... 1488	G 1
HPS 11 - 415 - 160	5.0 ... 30.0	185	458 ... 1702	G 1 1/2
HPS 11 - 415 - 200	8.0 ... 50.0	230	522 ... 1859	G 2
HPS 11 - 415 - 250	10.0 ... 80.0	290	491 ... 1917	G 2

Further information

- Piston type accumulator type HPS
- Accumulator type AC

D 7969 HPS
D 7969

For page and section of the devices additionally listed,
see type index