



PHS - Double speed hand pumps

The VI LSFSX 2-stage PHS hand pumps comes with pressure gauge as standard, this gives the user precise and safe control over the work carried out. The gauge is directly mounted onto the pump and is well protected by the specially designed pump lever.

- Return connections on all pumps.
- Robust design
- Aluminium tank.
- Easy and simple maintenance
- Needle release valve - offers full control
- Easy to refill oil.
- Mounting holes for fixed installations.

PHS70-1000/LS201 - The pump PHS70-1000 is also available as kit with pre-assembled 2 m hose (LS201ES), quick coupling (AQ17) and swivel coupling (ASE10) - ready to be connected and instantly put in action.





Technical data

Accessories

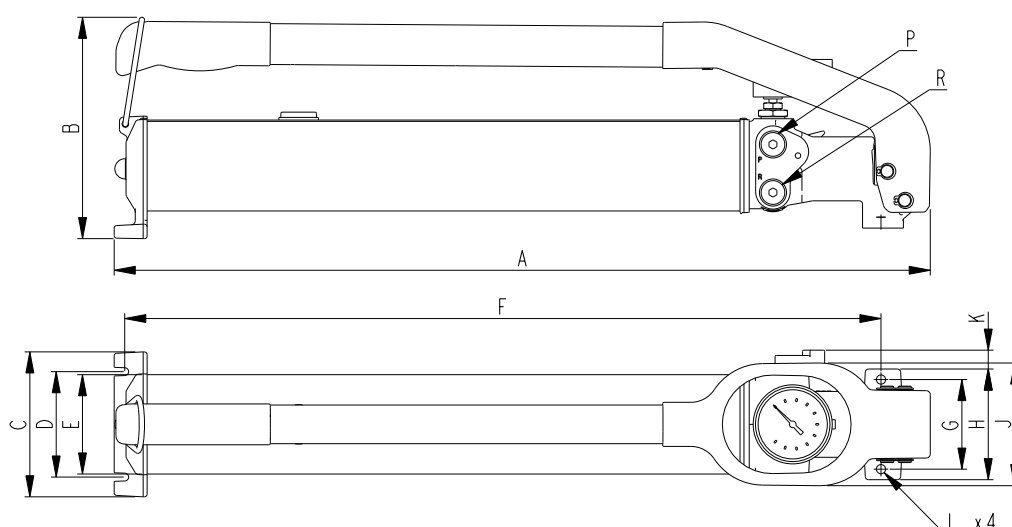
VR42

All PHS pumps in the pressure range 70 – 80 MPa can be fitted with a VR42 directional valve for use in conjunction with double acting cylinders or tools.

VS5

For extra safety, all PHS pumps can be fitted with an overfill valve. The valve prohibits an overfill of the oil container upon load release and thus offering a safer product. The VS5 valve is ordered separately and replaces the standard rubber oil plug.

Name	Working press. MPa	Eff. oil vol. cm ³	Cap. cm ³ /stroke high low	Pump force N	Gauge	Length mm	Width mm	Height mm	Weight kg
PHS70-300	70	300	1 20	350	AMT801	320	110	170	6
PHS70-1000	70	1000	2 20	320	AMT801	620	110	170	8.1
PHS70-2400	70	2400	2 20	320	AMT801	620	110	170	9.9
PHS70-4000	70	4000	2 20	320	AMT801	620	185	170	13.7
PHS80-300	80	300	1 20	400	AMT801	320	110	170	6
PHS80-1000	80	1000	2 20	360	AMT801	620	110	170	8.1
PHS80-2400	80	2400	2 20	360	AMT801	620	110	170	9.9
PHS80-4000	80	4000	2 20	360	AMT801	620	185	170	13.7
PHS100-1000	100	1000	1 20	230	TX104	620	110	170	8.3
PHS100-2400	100	2400	1 20	230	TX104	620	110	170	10.1
PHS150-1000	150	1000	1 20	370	TX104	620	110	170	8.3
PHS150-2400	150	2400	1 20	370	TX104	620	110	170	10.1
PHS150-1000L	150	1000	1 20	370	AMT151	620	110	170	8.5
PHS150-2400L	150	2400	1 20	370	AMT151	620	110	170	10.3
PHS240-2400L	240	2400	0.7 20	460	AMT301	620	110	170	10.3



Name	Working press. MPa	Eff. oil vol. cm ³	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	J mm	K mm	L mm	P mm	R mm
PHS70-300	70	300	320	170	110	80	75	275	68	84	93	14	6.6	G 1/4"	G 1/4"
PHS70-1000	70	1000	620	170	110	80	75	575	68	84	93	14	6.6	G 1/4"	G 1/4"
PHS70-2400	70	2400	620	170	110	80	127	575	68	84	93	14	6.6	G 1/4"	G 1/4"
PHS70-4000	70	4000	620	170	185	166	179	545	68	84	93	14	6.6	G 1/4"	G 1/4"
PHS80-300	80	300	320	170	110	80	75	275	68	84	93	14	6.6	G 1/4"	G 1/4"
PHS80-1000	80	1000	620	170	110	80	75	575	68	84	93	14	6.6	G 1/4"	G 1/4"
PHS80-2400	80	2400	620	170	110	80	127	575	68	84	93	14	6.6	G 1/4"	G 1/4"
PHS80-4000	80	4000	620	170	185	166	179	545	68	84	93	14	6.6	G 1/4"	G 1/4"
PHS100-1000	100	1000	620	170	110	80	75	575	68	84	93	14	6.6	G 1/4"	G 1/4"
PHS100-2400	100	2400	620	170	110	80	127	575	68	84	93	14	6.6	G 1/4"	G 1/4"
PHS150-1000	150	1000	620	170	110	80	75	575	68	84	93	14	6.6	G 1/4"	G 1/4"
PHS150-2400	150	2400	620	170	110	80	127	575	68	84	93	14	6.6	G 1/4"	G 1/4"
PHS150-1000L	150	1000	620	170	110	80	75	575	68	84	134	14	6.6	G 1/4"	G 1/4"
PHS150-2400L	150	2400	620	170	110	80	127	575	68	84	134	14	6.6	G 1/4"	G 1/4"
PHS240-2400L	240	2400	620	170	110	80	127	575	68	84	134	14	6.6	9/16"-18 UNF	G 1/4"