

# hidrokraft

## 700 bar Hydraulics

### PHD – Composite double speed hand pumps



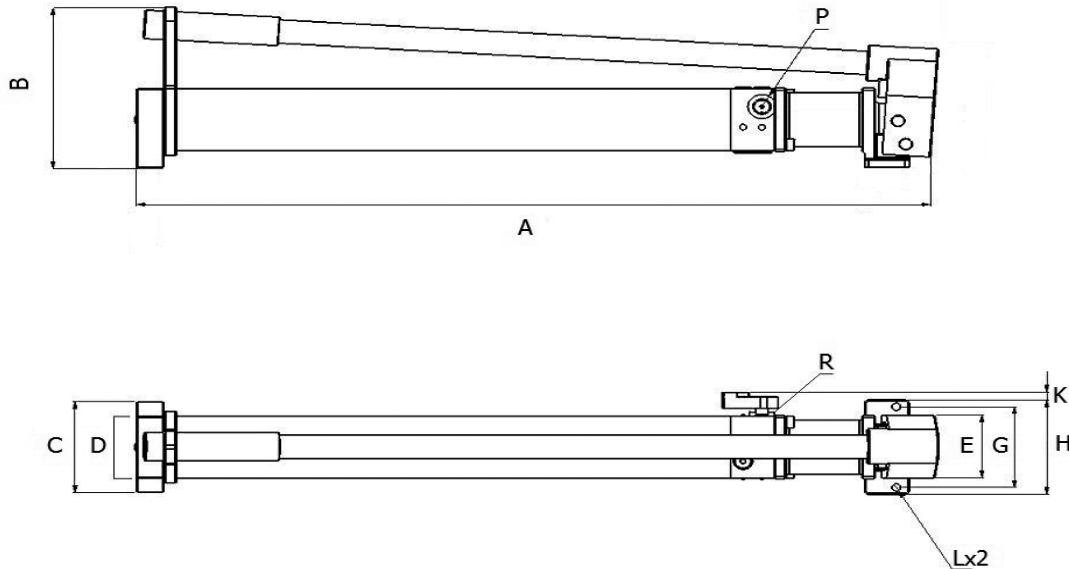
PHD series double-stage hand pump is recommended for applications where the cylinder must move rapidly and greater oil capacity is needed. It is a practical pump that has found a very wide range of use.

- Compact, light and portable used to power single-acting cylinders.
- Automatic two-speed operation.
- Aluminium tank.
- They operate horizontally or vertically, with pump head downwards.
- All models with pressure relief valve.
- With a 4-way control valve for operation of double-acting cylinders.
- Internal pressure relief valves for overload protection.
- Two-speed operation for high tonnage cylinders where oil capacity and fast economical cycle times are needed.
- All pumps have G 1/4" female pressure connection ports.

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## Technical data

Model	Working press. MPa	Eff. oil volume cm <sup>3</sup>	Oil displacem.		Pressure rating		Pump force N	Weight kg
			cm <sup>3</sup> /stroke 1 <sup>st</sup>	2 <sup>nd</sup>	Mpa 1 <sup>st</sup>	2 <sup>nd</sup>		
PHD100	70	500	12	1,4	4	70	450	5,5
PHD200	70	1500	12	1,4	4	70	450	6,6
PHD350	70	3100	12	1,4	4	70	450	11,1



Model	A	B	C	D	E	G	H	K	L	P	R
	mm	mm	mm	mm	mm	mm	mm	mm	mm		
PHD100	587	138	80	55	54	70	83	18	6,5	G1/4"	G1/4"
PHD200	618	170	95	70	54	70	83	18	6,5	G1/4"	G1/4"
PHD350	670	198	110	110	55	91	115	18	6,5	G1/4"	G3/8"