

HYDRAULIC UNITS PO 6

FOR SINGLE AND DOUBLE-ACTION CYLINDERS



▶ VARIANTS

PO 6 1E for a single-action cylinder:

Precise control of the speed during lifting or lowering is achieved by throttling the exhaust valve. Load holding function with closed exhaust valve and motor switched off.

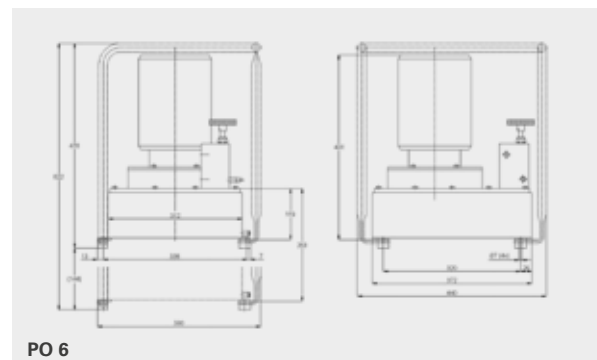
PO 6 1D for a single or double-action cylinder:

Lifting and lowering the load by means of a switching valve. Load holding function in the centre position of the switching valve. A double-action cylinder may only be retracted when the motor is running.

Operate cylinders with a motorised pump to generate even more power. Through the later switching from low pressure to high pressure at 16 MPa (160 bar), you can achieve higher working speeds in the lower load range than with conventional motorised pumps.

▶ ADVANTAGES

- High-pressure conveying capacity remains constant up to maximum pressure
- Radial piston pump with patented suction valves
- Compact design and low weight facilitate transport
- Carrying handle as optional accessory



PO 6

500 BAR

Type	Order No.	Filling quantity (l)	Usable quantity (l)	Conveying capacity low pressure (l/min)	Switching (bar)	Conveying capacity high pressure (l/min)	Motor	Power (kW)	Protection class according to DIN 40050	Mass (kg)
PO6-1E-10-50	841125607	7,5 - 10	6 - 8,5	4,4	160	1,4	230 V / 50 Hz	2,2	IP 54	41
PO6-1D-10-50	841125609	7,5 - 10	6 - 8,5	4,4	160	1,4	230 V / 50 Hz	2,2	IP 54	42
PO6-1E-25-50	841125627	15 - 24	10 - 19	4,4	160	1,4	230 V / 50 Hz	2,2	IP 54	54
PO6-1D-25-50	841125629	15 - 24	10 - 19	4,4	160	1,4	230 V / 50 Hz	2,2	IP 54	55

700 BAR

Type	Order No.	Filling quantity (l)	Usable quantity (l)	Conveying capacity low pressure (l/min)	Switching (bar)	Conveying capacity high pressure (l/min)	Motor	Power (kW)	Protection class according to DIN 40050	Mass (kg)
PO6-1E-10-70	841125601	7,5 - 10	6 - 8,5	4,4	160	1,4	230 V / 50 Hz	2,2	IP 54	41
PO6-1D-10-70	841125603	7,5 - 10	6 - 8,5	4,4	160	1,4	230 V / 50 Hz	2,2	IP 54	42
PO6-1E-25-70	841125621	15 - 24	10 - 19	4,4	160	1,4	230 V / 50 Hz	2,2	IP 54	54
PO6-1D-25-70	841125623	15 - 24	10 - 19	4,4	160	1,4	230 V / 50 Hz	2,2	IP 54	55