

System selection tables

Using the necessary lift force, the number of drive cylinders and the necessary lift height, you can assemble the right system for you with the help of the tables below.

The tables show a selection of possible combinations. We will gladly advise you on further possible combinations.

For pumps with 7, 9 or 10 connections the tables are valid analogously to the selection table for 8 cylinders.

120 kg 250 lbs	Cylinder type ¹	Pump type for 1 cylinder ²	Pump type for 2 cylinders	Pump type for 3 cylinders	Pump type for 4 cylinders	Pump type for 5 cylinders	Pump type for 6 cylinders	Pump type for 8 cylinders
150 mm/6" lift	1415	PA 1815	PA 2615	PB 3615	PB 4615	PB 5615	PB 6615	---
200 mm/8" lift	1420	PA 1820	PA 2620	PB 3620	PB 4620	PB 5620	PB 6620	---
300 mm/12" lift	1430	PA 1830	PA 2630	PB 3630	PB 4630	PB 5630	PB 6630	---
400 mm/15.5" lift	1440	PA 1840	PA 2640	PB 3640	PB 4640	PB 5640	PB 6640	---
500 mm/19.5" lift	1450	PA 1850	PA 2650	PB 3650	PB 4650	PB 5650	PB 6650	---
600 mm/23.5" lift	1460	PA 1860	PA 2660	PB 3660	PB 4660	PB 5660	PB 6660	---
lift per rotation		5 mm 13/64"	10 mm 3/8"	10 mm 3/8"	10 mm 3/8"	10 mm 3/8"	10 mm 3/8"	---
Electric drive type ³ , speed in mm		PAA, 10 PAD, 10	PAA, 20 PAD, 20	PBA, 20 PBD, 20	PBA, 20 PBD, 20	PBA, 20 PBD, 20	PBA, 20 PBD, 20	---
Electric drive type ³ , speed in inches		PAA, 3/8" PAD, 3/8"	PAA, 25/32" PAD, 25/32"	PBA, 25/32" PBD, 25/32"	PBA, 25/32" PBD, 25/32"	PBA, 25/32" PBD, 25/32"	PBA, 25/32" PBD, 25/32"	---

350 kg 750 lbs	Cylinder type ¹	Pump type for 1 cylinder	Pump type for 2 cylinders	Pump type for 3 cylinders	Pump type for 4 cylinders	Pump type for 5 cylinders	Pump type for 6 cylinders	Pump type for 8 cylinders
150 mm/6" lift	1415	---	PA 2815	PB 3815	PB 4815	PB 5815	PB 6815	PB 8815
200 mm/8" lift	1420	---	PA 2820	PB 3820	PB 4820	PB 5820	PB 6820	PB 8820
300 mm/12" lift	1430	---	PA 2830	PB 3830	PB 4830	PB 5830	PB 6830	PB 8830
400 mm/15.5" lift	1440	---	PA 2840	PB 3840	PB 4840	PB 5840	PB 6840	PB 8840
500 mm/19.5" lift	1450	---	PA 2850	PB 3850	PB 4850	PB 5850	PB 6850	PB 8850
600 mm/23.5" lift	1460	---	PA 2860	PB 3860	PB 4860	PB 5860	PB 6860	PB 8860
lift per rotation		---	5 mm 13/64"	5 mm 13/64"	5 mm 13/64"	5 mm 13/64"	5 mm 13/64"	5 mm 13/64"
Electric drive type ³ , speed in mm		---	PAA, 10 PBD, 10	PBA, 10 PBD, 10	PBA, 10 PBD, 10	PBA, 10 PBD, 10	PBA, 10 PBD, 10	PBD, 15
Electric drive type ³ , speed in inches		---	PAA, 3/8" PBD, 3/8"	PBA, 3/8" PBD, 3/8"	PBA, 3/8" PBD, 3/8"	PBA, 3/8" PBD, 3/8"	PBA, 3/8" PBD, 3/8"	PBD, 19/32"

600 kg 1300 lbs	Cylinder type ¹	Pump type for 1 cylinder	Pump type for 2 cylinders	Pump type for 3 cylinders	Pump type for 4 cylinders	Pump type for 5 cylinders	Pump type for 6 cylinders	Pump type for 8 cylinders
180 mm/7" lift	1420	---	---	---	PB 4418	PB 5418	PB 6418	PB 8418
300 mm/12" lift	1430	---	---	---	PB 4430	PB 5430	PB 6430	PB 8430
400 mm/15.5" lift	1440	---	---	---	PB 4440	PB 5440	PB 6440	PB 8440
lift per rotation		---	---	---	3 mm 1/8"	3 mm 1/8"	3 mm 1/8"	3 mm 1/8"
Electric drive type ³ , speed		---	---	---	PBD, 9 mm/s PBD, 3/87s	PBD, 9 mm/s PBD, 3/87s	PBD, 9 mm/s PBD, 3/87s	PBD, 9 mm/s PBD, 3/87s

* During the use of just one cylinder the max. load is 100 kg

¹ Cylinder CB, CD, CE, CG, CH, CI, linear unit LA, LB, LD or table leg TA

³ With the electric drive the max. lifting power is 80% of the nominal load.

1 kg = 2,2 Lbs / 1" = 25,4 mm