

System combinations for 7-8 cylinders per MB1-pump.

Strokelength	Maximal system load	Cylinder speed		Pump type x=no. of cylinders	Cylinder type		Pump dimensions	
		Max. w motor [mm/s]	w. crank [mm/reeve]		Leg cylind AB, AM	Build in AC, AS	A [mm]	B [mm]
150 mm	300 kg	18	6	MB1x3075	AB1150	Ax1150	267,5	250,5
212 mm				MB1x3106	AB1212	Ax1212	329,5	312,5
300 mm				MB1x3150	AB1300	Ax1300	417,5	400,5
424 mm				MB1x3212	AB1424	Ax1424	541,5	524,5
600 mm				MB1x3300	AB1600	Ax1600	717,5	700,5
150 mm	425 kg	13,5	4,5	MB1x3106	AB2150	Ax2150	329,5	312,5
212 mm				MB1x3150	AB2212	Ax2212	417,5	400,5
300 mm				MB1x3212	AB2300	Ax2300	541,5	524,5
424 mm				MB1x3300	AB2424	Ax2424	717,5	700,5
600 mm				MB1x3424	AB2600	Ax2600	965,5	948,5
150 mm	600 kg	9	3	MB1x2150	AB2150	Ax2150	417,5	400,5
212 mm				MB1x2212	AB2212	Ax2212	541,5	524,5
300 mm				MB1x2300	AB2300	Ax2300	717,5	700,5
424 mm				MB1x2424	AB2424	Ax2424	965,5	948,5
150 mm	850 kg	7,5	2,5	MB1x2212	AM3150	Ax3150	541,5	524,5
212 mm				MB1x2300	AM3212	Ax3212	717,5	700,5
300 mm				MB1x2424	AM3300	Ax3300	965,5	948,5
150 mm	1200 kg	5	1,5	MB1x2300	AM4150	Ax4150	717,5	700,5
212 mm				MB1x2424	AM4212	Ax4212	965,5	948,5
150 mm				1700 kg	3	1	MB1x1424	AM4150

NOTE!! If the system is loaded unevenly, the load on each separate cylinder has to be checked, so that the max allowed load on each separate cylinder isn't exceeded. See list below.

Cylinder dimension	1	2	3	4
Maximal allowed load per cylinder [kg]				
-w. plastic tubing:	100 kg	140 kg	200 kg	275 kg
-w. copper tubing:	125 kg	175 kg	250 kg	350 kg

How to choose your Ergonomix system:

Start with choosing the combination list for the number of cylinders you need.

Then choose the maximum system load and the stroke length and you will find the item numbers for the pump and corresponding cylinder. You will also find the "A" and "B" dimensions for the pump in question. You will find the information about the cylinder dimensions, etc on the pages for the different cylinder types. The "x" in the cylinder type number is exchanged for the cylinder type. E.g. The leg cylinder (AB) for 140 kg and 150 mm stroke has the type number "AB2150".

NOTE! You must check so that the "Maximum allowed load per cylinder" is not exceeded for the cylinder type of your choice. If it is you will have to choose the next bigger cylinder and the corresponding pump for your data.