

System combinations for 5 cylinders per MB0-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	MB053075	AB1150	Ax1150	265,5	250,5
212 mm				MB053106	AB1212	Ax1212	327,5	312,5
300 mm				MB053150	AB1300	Ax1300	415,5	400,5
424 mm				MB053212	AB1424	Ax1424	539,5	524,5
600 mm				MB053300	AB1600	Ax1600	715,5	700,5
150 mm	425 kg	13,5	4,5	MB053106	AB2150	Ax2150	327,5	312,5
212 mm				MB053150	AB2212	Ax2212	415,5	400,5
300 mm				MB053212	AB2300	Ax2300	539,5	524,5
424 mm				MB053300	AB2424	Ax2424	715,5	700,5
600 mm				MB053424	AB2600	Ax2600	963,5	948,5
150 mm	600 kg	9	3	MB052150	AB2150	Ax2150	415,5	400,5
212 mm				MB052212	AB2212	Ax2212	539,5	524,5
300 mm				MB052300	AB2300	Ax2300	715,5	700,5
424 mm				MB052424	AB2424	Ax2424	963,5	948,5
150 mm	850 kg	7,5	2,5	MB052212	AM3150	Ax3150	539,5	524,5
212 mm				MB052300	AM3212	Ax3212	715,5	700,5
300 mm				MB052424	AM3300	Ax3300	963,5	948,5
150 mm	1200 kg	5	1,5	MB052300	AM4150	Ax4150	715,5	700,5
212 mm				MB052424	AM4212	Ax4212	963,5	948,5
150 mm				1375 kg	3	1	MB051424	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.