

## System combinations for 1 cylinder per MF-pump.

Strokelenlength	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	100 kg	26	8,5	MF14053	AB1150	Ax1150	266	252,5
212 mm				MF14075	AB1212	Ax1212	266	252,5
300 mm				MF14106	AB1300	Ax1300	328	314,5
424 mm				MF14150	AB1424	Ax1424	416	402,5
600 mm				MF14212	AB1600	Ax1600	540	526,5
150 mm	140 kg	18	6	MF14075	AB2150	Ax2150	266	252,5
212 mm				MF14106	AB2212	Ax2212	328	314,5
300 mm				MF14150	AB2300	Ax2300	416	402,5
424 mm				MF14212	AB2424	Ax2424	540	526,5
600 mm				MF14300	AB2600	Ax2600	716	702,5
150 mm	140 kg (D4/D3 200kg)	13,5	4,5	MF13106	AB2150	Ax2150	328	314,5
212 mm				MF13150	AB2212	Ax2212	416	402,5
300 mm				MF13212	AB2300	Ax2300	540	526,5
424 mm				MF13300	AB2424	Ax2424	716	702,5
600 mm				MF13424	AB2600	Ax2600	964	950,5
150 mm	200 kg (D4/D4 275kg)	9	3	MF13150	AM3150	Ax3150	416	402,5
212 mm				MF13212	AM3212	Ax3212	540	526,5
300 mm				MF13300	AM3300	Ax3300	716	702,5
424 mm				MF13424	AM3424	Ax3424	964	950,5
600 mm				MF13600	AM3600	Ax3600	1316	1302,5
150 mm	275 kg	7,5	2,5	MF13212	AM4150	Ax4150	540	526,5
212 mm				MF13300	AM4212	Ax4212	716	702,5
300 mm				MF13424	AM4300	Ax4300	964	950,5
424 mm				MF13600	AM4424	Ax4424	1316	1302,5

**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.