





**PV pump + MF or MFS motor + PM gear box + Oil Cooler = Complete System**

### MIXER DRUM CONFIGURATIONS

DRUM CAPACITY	GEAR BOX MODEL	GEAR BOX RATIO	HYDRAULIC PUMP	HYDRAULIC MOTOR	MAX. TORQUE
6 - 8 m <sup>3</sup>	PM 8	1 : 98	PV23 (70 cm <sup>3</sup> )	MF23 (70 cm <sup>3</sup> )	50.000 Nm
9 - 10 m <sup>3</sup>	PM 10	1 : 112	PV23 (89 cm <sup>3</sup> )	MF23 (89 cm <sup>3</sup> )	60.000 Nm
10 - 12 m <sup>3</sup>	PM 12	1 : 130	PV23 (89 cm <sup>3</sup> )	MF23 (89 cm <sup>3</sup> )	71.000 Nm
12 - 15 m <sup>3</sup>	PM 15	1 : 139	PV112 (110 cm <sup>3</sup> )	MF112 (110 cm <sup>3</sup> )	86.000 Nm

**Pumps, motors** – original Sauer&Sundstrand design, brand new components produced in Slovakia

Parameter	Dimension	SPV/SMF Frame size								
		20	21	22	23	112	24	25	26	27
Max. displacement per revolution of the variable displacement pump	cm <sup>3</sup>	33,3	51,6	69,8	89,0	110,8	118,7	165,8	227,3	333,7
Max. flow	dm <sup>3</sup> min <sup>-1</sup>	119	160	196	230	288	279	348	429	557
Displacement per revolution of the charge pump	cm <sup>3</sup>	12,30	12,30	18,03	18,03	18,03	32,80	32,80	32,80	65,50
Max. pressure	MPa	42								
Nominal pressure	MPa	21								
Max. pressure of control	MPa	3,5								
Charge pressure	MPa	0,8 - 2,0								
Max. pressure in case	MPa	0,25 continuous 0,5 intermittent								
Maximum speed	min <sup>-1</sup>	3590	3100	2810	2600	2600	2350	2100	1890	1670
Minimum speed	min <sup>-1</sup>	500								
Nominal speed	min <sup>-1</sup>	1500								
Working fluid		mineral oil								
Operating temperature	°C	-40 to +50								
Max. temperature of working fluid in tank	°C	80								
Purity of working fluid	µm	10								

For detailed dimensions and parameters see our technical catalogue