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Throughputs

Size	Pump rate	Pressure p (bar) at speed n = 1,450 min ⁻¹										Pump rate cm ³ /turn
	Rating	2	4	6	8	10	12	14	16	20	25	
SF 4/112	l/min	148	146	144	142	140	139	137	135	132	128	112
	NkW	1.24	1.72	2.24	2.70	3.35	3.67	4.30	4.80	5.80	7.06	
	Motor ¹ kW	1.5	2.2	3	4	4	5.5	5.5	7.5	7.5	11	
SF 6/120	l/min	176	175	174	173	171	170	169	167	165		120
	NkW	1.59	2.17	2.75	3.38	3.96	4.54	5.12	5.70	6.86		
	Motor ¹ kW	2.2	3	4	5.5	5.5	5.5	7.5	7.5	11		
SF 6/132	l/min	193	192	191	190	188	187	186	185	183		132
	NkW	1.79	2.48	3.19	3.91	4.59	5.32	5.99	6.72	8.12		
	Motor ¹ kW	2.2	3	4	5.5	5.5	7.5	7.5	11	11		
SF 6/160	l/min	229	228	227	225	224	223	222	221	219		160
	NkW	1.98	2.80	3.67	4.49	5.32	6.19	7.01	7.83	9.52		
	Motor ¹ kW	3	4	5.5	5.5	7.5	7.5	11	11	15		
SF 6/180	l/min	263	262	261	259	258	256	255	254	252		180
	NkW	2.17	3.19	4.17	5.17	6.14	7.15	8.12	9.09	11.12		
	Motor ¹ kW	3	4	5.5	7.5	7.5	11	11	11	15		
SF 8/212	l/min	318	316	314	311	308	304	300	296	290		212
	NkW	2.7	3.8	4.9	6.0	7.2	8.3	9.6	10.7	13.0		
	Motor ¹ kW	4	5.5	7.5	7.5	11	11	15	15	18.5		
SF 8/250	l/min	370	368	366	363	360	356	352	348	342		250
	NkW	3.3	4.6	6.0	7.4	8.8	10.2	11.3	12.5	15.4		
	Motor ¹ kW	4	5.5	7.5	11	11	15	15	15	18.5		
SF 8/300	l/min	445	443	440	437	434	430	426	422	416		300
	NkW	3.7	5.3	6.9	8.6	10.2	11.7	13.4	15.0	18.3		
	Motor ¹ kW	5.5	7.5	11	11	15	15	18.5	18.5	22		
SF 8/350	l/min	518	515	512	508	504	500	495	490	483		350
	NkW	4.5	6.4	8.3	10.4	12.3	14.2	16.1	18.0	22.1		
	Motor ¹ kW	5.5	7.5	11	15	15	18.5	22	22	30		
SF 8/400	l/min	592	589	586	582	578	574	569	564			400
	NkW	6.0	8.0	9.9	11.9	13.9	16.0	18.1	20.1			
	Motor ¹ kW	7.5	11	15	15	18.5	22	22	30			
SF 8/450	l/min	665	661	657	653	649	645	640	635			450
	NkW	6.8	9.2	11.5	13.7	16.1	18.3	20.6	22.9			
	Motor ¹ kW	11	11	15	18.5	22	22	30	30			
SF 10/500	l/min	715	704	694	677	667	657	647	640			500
	NkW	6.6	9.35	12.1	14.9	17.6	20.4	22.6	25.3			
	Motor ¹ kW	11	11	15	18.5	22	30	30	30			
SF 10/575	l/min	835	825	815	800	785	770					575
	NkW	7.7	10.9	14.1	17.3	20.5	23.8					
	Motor ¹ kW	11	15	18.5	22	30	30					
SF 10/650	l/min	965	955	945	930	915	900					650
	NkW	8.8	12.5	16.2	19.8	23.5	27.1					
	Motor ¹ kW	11	15	22	30	30	37					
SF 10/750	l/min	1,075	1,055	1,035	1,015	995	970					750
	NkW	9.9	14.0	18.2	22.3	26.4	30.6					
	Motor ¹ kW	15	18.5	22	30	37	37					
SF 10/875	l/min	1,258	1,238	1,218	1,198	1,178						875
	NkW	11.6	16.4	21.2	26.0	30.8						
	Motor ¹ kW	15	22	30	37	37						
SF 10/1000	l/min	1,440	1,420	1,400	1,380	1,360						1,000
	NkW	13.2	18.7	24.2	29.7	35.2						
	Motor ¹ kW	18.5	22	30	37	45						

NkW = Nominal power consumption at the pump shaft relative to a viscosity of 50-150 mm²/s (cSt).

The flow rate (l/min) refers 1/min to 1,450. It is reduced according to the rated speed of the engine. Deviation of flow ±5%.

A viscosity of less than 50 mm²/s reduces the capacity.

¹ Required drive power (20% surcharge is included).

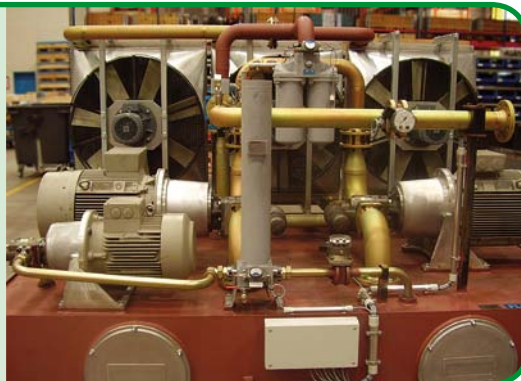
Subject to change.

Model examples

For general machine construction, engineering



e.g. lubricating pump in an oil supply system with filter and oil coolers



For the dyestuff and lacquer industry



e.g. binders pump (resins) according to ATEX with double GLRD (mechanical seal), quench recipient and temperature control



For the chemical industry, petrochemistry



e.g. solvent pump according to ATEX with magnetic coupling and temperature control



For the chocolate industry



e.g. feed pump in chocolate or cocoa mass systems



Steimel

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