

SFT Type Steering Gear - Main specifications and parameters

Type			SFT-80		SFT-125		
Torque at maximum working pressure			t-m	72	86	105	122
			kN-m	706	844	1030	1196
Rudder turning speed			deg./sec	65/28		65/28	
Nominal tiller radius			mm	650		730	
Diameter of ram			mm	240		270	
Maximum working oil pressure			kg/crn ²	185	220	190	220
			MPa	18.1	21.6	18.6	21.6
Safety valve pressure			kg/crn ²	232	275	238	275
			MPa	22.7	27.0	23.3	27.0
With main and auxiliary pumps	Motor	Output x number	kW	25.3 x 2	25.3x2	34.5x2	42.6x2
		Speed	min ⁻¹	1800	1800	1800	
		Overload	%sec	200/60		200/60	
	Pump type x Number				06V-FH2MK x 2		1V-FH2MK x 2
Without auxiliary pumps	Motor	Output x number	kW	17.3x2		17.3x2	21.3x2
		Speed	min ⁻¹	1800		1800	
		Overload	%sec	200/60		200/60	
	Pump type x Number				06V-FH2MKx2		06V-FH2MKx2
Dimensions	A		mm	2600		2900	
	B			2565		2865	
	C			650		730	
	D			1015		1140	
	E			760		910	
	F			240		260	
	G			1260		1395	