

SFC Type Steering Gear - Main specifications and parameters

Type			SFC-40	SFC-50	SFC-60	SFC-80		
Torque at maximum working pressure			t-m	45	53	63	72	86
			kN-m	441	520	618	706	844
Rudder turning speed			deg./sec	65/28	65/28	65/28	65/28	
Nominal tiller radius			mm	520	560	580	650	
Diameter of ram			mm	195	205	220	240	
Maximum working oil pressure			kg/cm ²	220	215	215	185	220
			MPa	21.6	21.1	21.1	18.1	21.6
Safety valve pressure			kg/cm ²	275	269	269	232	275
			MPa	27.0	26.4	26.4	22.7	27.0
With main and auxiliary pumps	Motor	Output x number	kW	17.3 x 2	17.3x2	21.3 x 2	25.3 x 2	25.3 x 2
		Speed	min ⁻¹	1800	1800	1800	1800	
		Overload	%sec	200/60	200/60	200/60	200/60	
	Pump type x Number			T6C-010x2	T6C-010x2	T6C-014x2	T6C-017x2	
Without auxiliary pumps	Motor	Output x number	kW	8.6x2	8.6x2	12.7x2	12.7x2	12.7x2
		Speed	min ⁻¹	1800	1800	1800	1800	
		Overload	%sec	200/60	200/60	200/60	200/60	
	Pump type x Number			T6C-005x2	T6C-005x2	T6C-006x2	T6C-008x2	
Dimensions	A		mm	1860	1945	2080	2260	
	B			1845	1945	2020	2225	
	C			520	560	580	650	
	D			815	880	910	1015	
	E			815	815	1000	1000	
	F			205	215	220	240	
	G			1040	1050	1200	1220	