

DFT Type Steering Gear - Main specifications and parameters

Type				DFT-60		DFT—80		DFT-125	
Torque at maximum working pressure			t-m	52	62	74	91	105	126
			kN-m	510	608	726	892	1030	1236
Rudder turning speed			deg./sec	65/28		65/28		65/28	
Nominal tiller radius			mm	470		520		580	
Diameter of ram			mm	170		195		220	
Maximum working oil pressure			kg/cm ²	185	220	180	220	180	215
			MPa	18.1	21.6	17.6	21.6	17.6	21.1
Safety valve pressure			kg/cm ²	232	275	225	275	225	269
			MPa	22.7	27.0	22.1	27.0	22.1	26.4
With main and auxiliary pumps	Motor	Output x number	kW	17.3x2	21.3x2	25.3x2	25.3x2	34.5x2	42.6x2
		Speed	min ⁻¹	1800		1800		1800	
		Overload	%sec	200/60		200/60		200/60	
	Pump type x Number			06V-FH2B-MK x 2		06V-FH2MK x 2		1V-FH2MK x 2	
Without auxiliary pumps	Motor	Output x number	kW	12.7x2		12.7x2	17.3x2	17.3x2	21.3x2
		Speed	min ⁻¹	1800		1800		1800	
		Overload	%sec	200/60		200/60		200/60	
	Pump type x Number			06V-FH2B-MKx2		06V-FH2MKx2		06V-FH2MKx2	
Dimensions		A	mm	1840		2000		2190	
		B		1682		1845		2020	
		C		470		520		580	
		D		895		970		1080	
		E		1400		1625		1715	
		F		190		205		220	
		G		1217		1370		1370	