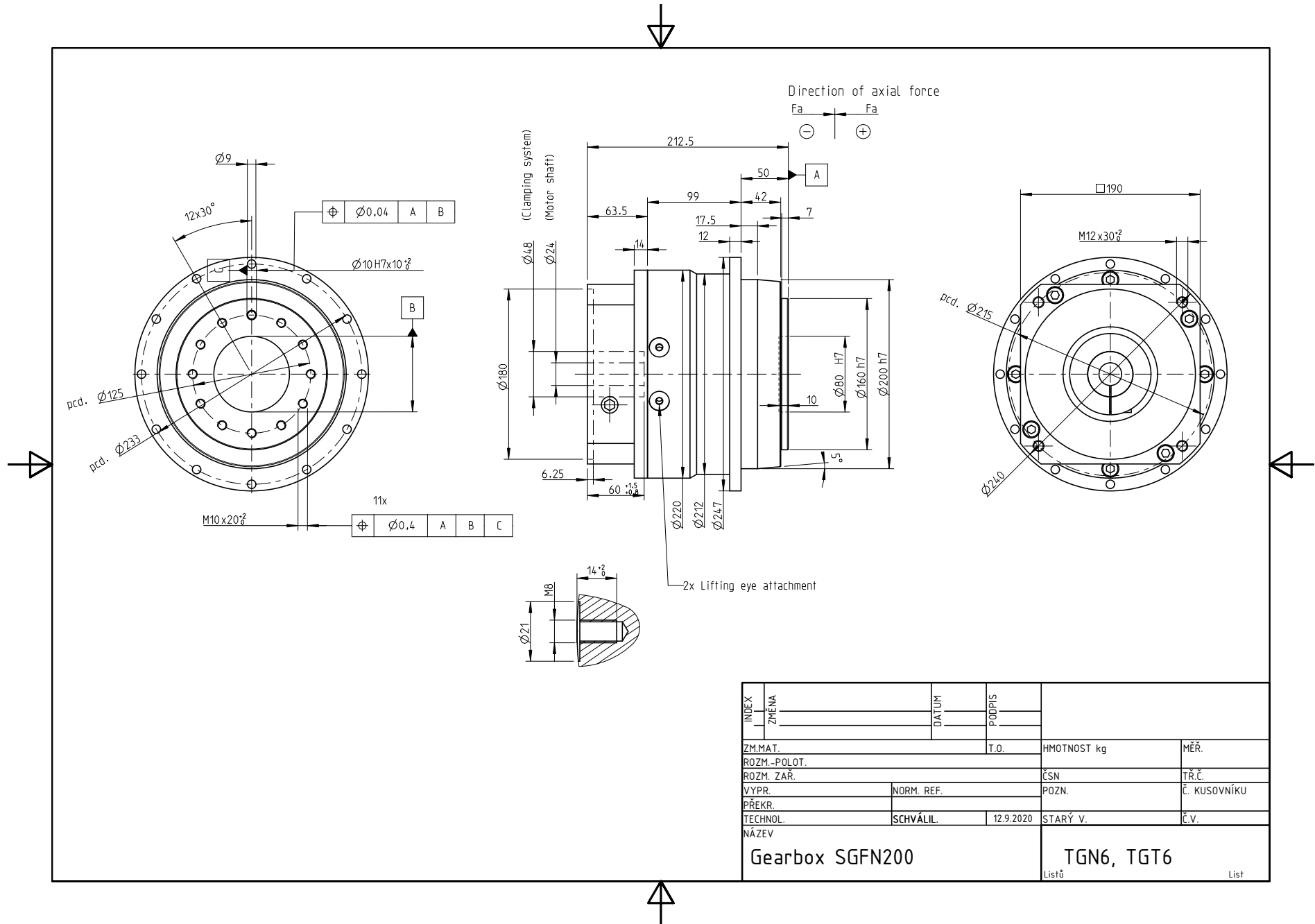


Engineering data		Mechanical data	
Ratio	8	Radial force for 20'000h	33000 N
Number of stages	1	Radial force for 30'000h	29500 N
Rated output torque	500 Nm	Max. radial force	33000 N
Cycling output torque	1000 Nm	Axial force for 20'000h	15000 N
Max output torque	1410 Nm	Axial force for 30'000h	13500 N
Emergency output torque	2440 Nm	Max. axial force	15000 N
Rated input speed	1000 rpm	Protection	IP65
Max input speed	6000 rpm	Input inertia	31.23 kgcm ²
Efficiency	96 %*	Mass	37.48 kg
Operating temperature	<-25; 90> °C	Tilting moment for 20'000h	4957 Nm
Backlash	< 3 arcmin	Tilting moment for 30'000h	4431 Nm
Service life	20000 h	Max. bending moment	300 Nm
Running noise	74 dB(A)	Output shaft design	Flange with dowel hole
Torsional stiffness	520.00 Nm/arcmin		
* at rated speed & torque			
Lubrication		Supported motors	
Type	Standard	Motor types	TGN6, TGT6
Lubricant	Castrol Optigear Synthetic 800/150	Clamping diameter	48 mm
Customs info		Input flange	Motor adaptation - 2 part, round universal flange
HS Code	84834090	Installation position	Any



INDEX	ZMĚNA	DATUM	PODPIS		
ZM.MAT.			T.O.	HMOTNOST kg	MĚŘ.
ROZM.-POLOT.					
ROZM. ZAR.				ČSN	TR.Č.
VYPR.	NORM. REF.			POZN.	Č. KUSOVNÍKU
PŘEKR.					
TECHNOL.	SCHVÁLIL.	12.9.2020	STARÝ V.	Č.V.	
NÁZEV	Gearbox SGFN200			TGN6, TGT6	
				Listů	List