

**23 00 Transmission filling capacities F45,F46,F48,F52 / GS6-58BG/DG / GS6-59BG/DG /
MANUAL**

Oil grade:		
refer to Operating Fluids Specification		
Oil capacity for refilling or exchange transmission	ltr.	MAX 1.9

23 00 Transmission in general S7S 47BG

Oil grade, refer to Operating Fluids		
Oil fill quantity for oil change	Litres	2.55
Oil fill quantity for initial fill or replacement transmission	Litres	2.75

23 11 Case and Cover S6-37BZ/DZ / MECH

Temperature for installation of bearings	°C	80
--	----	----

23 21 Transmission Shafts GS6-53DZ / MECH

Axial playÂ (axial bearing play) of:		
Output shaft	mm	
Input shaft	Max. mm	
Output journal:		
Radial runout	Max. mm	0.15
Output flange		
Radial runout	Max. mm	0.15
Axial runout	Max. mm	0.15

23 23 Synchronization GS6-37BZ/DZ / MECH

Distance between synchronizer ring and clutch body		
New condition		
1st/2nd gear	mm	1.3 ... 2.05
Wear limit size	mm	1.0
3st/4nd gear	mm	0.8 ... 1.40
Wear limit size	mm	0.7
5/6st gear	mm	0.95 ... 1.5
Wear limit size	mm	0.75
Reverse gear		
New condition	mm	0.65 ... 1.25
Max. wear limit size	mm	0.5

23 23 Synchronization GS6-53DZ

Distance between synchronizer ring and clutch body		
New condition		
1st/2nd gear	mm	2.70 ... 3.50
3rd/4th gear	mm	2.40 ... 3.10
5th/6th gear	mm	1.75 ... 2.10
Max. wear limit size	mm	
Reverse gear		
New condition	mm	2.70 ... 3.25
Max. wear limit size	mm	

23 23 Synchronization Guide Sleeves GS6-37BZ/DZ / MECH

1st / 2nd gear	kN	10 ... 36
3rd / 4th gear	kN	20 ... 58
5th / 6th gear	kN	19 ... 55