

SCHEDULE 4

AUXILIARY GEARBOX DRIVE (PORT)

AVON Mk. 10900 SERIES

Fig. Ref. No.	Part and Description	Dimension New	Permissible Worn Dimension	Clearance New	Permissible Worn Clearance	Remarks
1	BALL BEARING ON COUPLING SHAFT Bearing—bore	$\frac{0.9997}{1.0002}$	—	Tight $\frac{0.00030}{0.00045}$	—	
	Shaft—dia.	$\frac{0.99975}{1.00000}$	—	Clear		
2	BALL BEARING End float	—	—	0.008	0.012	Hoffmann and Fischer bearing
		—	—	$\frac{0.0045}{0.0110}$	0.015	Mod. 514. Ransome and Marles bearing
3	BALL BEARING IN HOUSING Housing—bore	$\frac{2.24920}{2.24945}$	—	Tight $\frac{0.00030}{0.00045}$	—	
	Bearing—dia.	$\frac{2.2490}{2.2495}$	—	Clear		
4	HOUSING IN ADAPTER Adapter—bore	$\frac{2.437}{2.438}$	—	$\frac{0.001}{0.003}$	—	
	Housing—dia.	$\frac{2.435}{2.436}$	—			
5	HOUSING IN SUPPORT BRACKET Bracket—bore	$\frac{2.4375}{2.4380}$	—	$\frac{0.0003}{0.0013}$	—	
	Housing—dia.	$\frac{2.4367}{2.4372}$	—			
6	OIL SEAL IN SUPPORT BRACKET Bracket—bore	$\frac{2.250}{2.251}$	—	Tight $\frac{0.004}{0.001}$	—	
	Seal—dia.	$\frac{2.252}{2.254}$	—	Tight		

RESTRICTED

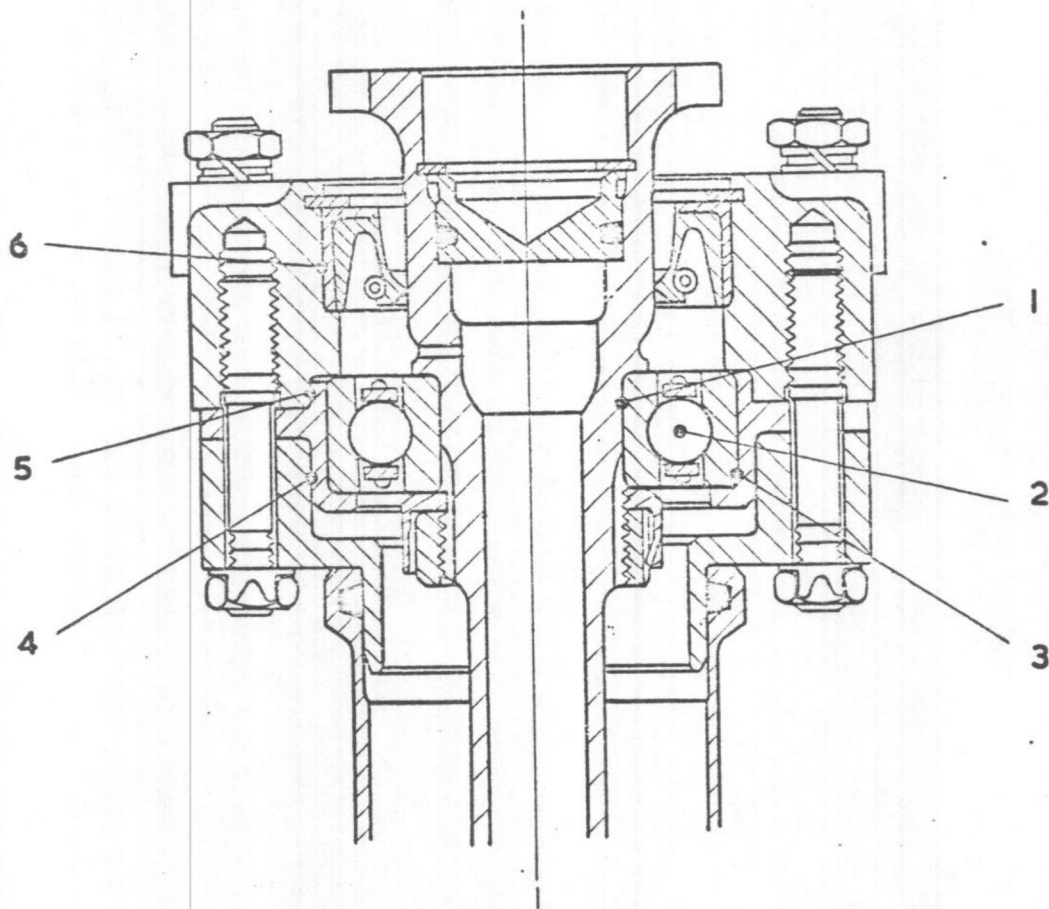


FIG. 1. AUXILIARY GEARBOX DRIVE - PORT

RESTRICTED

SCHEDULE 5

AVON Mk. 10900 SERIES

AUXILIARY GEARBOX DRIVE (STARBOARD)

Fig. Ref. No.	Part and Description	Dimension New	Permissible Worn Dimension	Clearance New	Permissible Worn Clearance	Remarks
1	BALL BEARING ON COUPLING SHAFT Bearing—bore	$\frac{0.9997}{1.0002}$	—	$\frac{0.00030}{0.00045}$	—	
	Shaft—dia.	$\frac{0.99975}{1.00000}$	—			
2	BALL BEARING IN LINER Liner—bore	$\frac{2.24920}{2.24945}$	—	$\frac{\text{Tight } 0.00030}{0.00045}$	—	
	Bearing—dia.	$\frac{2.2490}{2.2495}$	—	Clear		
3	LINER IN HOUSING Housing—bore	$\frac{2.4375}{2.4380}$	—	$\frac{\text{Tight } 0.00260}{0.00185}$	—	
	Liner—dia.	$\frac{2.43985}{2.44010}$	—	Tight		
4	OIL SEAL HOUSING IN BALL BEARING LINER HOUSING Housing—bore	$\frac{2.4375}{2.4380}$	—	$\frac{0.0005}{0.0015}$	—	
	Housing—dia.	$\frac{2.4365}{2.4370}$	—			
5	OIL SEAL IN HOUSING Housing—bore	$\frac{2.2500}{2.2515}$	—	$\frac{\text{Tight } 0.0055}{0.0010}$	—	Pre Mod. 529
	Seal—dia.	$\frac{2.2525}{2.2555}$	—	Tight		
	Housing—bore	$\frac{2.250}{2.251}$	—	$\frac{\text{Tight } 0.004}{0.001}$	—	Mod. 529
	Seal—dia.	$\frac{2.252}{2.254}$	—	Tight		

RESTRICTED

AUXILIARY GEARBOX DRIVE (STARBOARD)

Fig. Ref. No.	Part and Description	Dimension New	Permissible Worn Dimension	Clearance New	Permissible Worn Clearance	Remarks
6	OIL TRANSFER FERRULE IN HOUSING	$\frac{0.1875}{0.1880}$	—	Tight $\frac{0.00100}{0.00025}$	—	Mod. 529
	Housing—bore					
	Ferrule—dia.	$\frac{0.18825}{0.18850}$	—	Tight		
7	LOCATING PEG IN HOUSING	$\frac{0.1562}{0.1567}$	—	Tight $\frac{0.00100}{0.00025}$	—	Mod. 529
	Housing—bore					
	Peg—dia.	$\frac{0.15695}{0.15720}$	—	Tight		
8	BALL BEARING	—	—	0.008	0.012	Hoffmann and Fischer bearing
	End float					
		—	—	$\frac{0.0045}{0.0110}$	0.015	Mod. 514. Ransome and Marles bearing
9	COUPLING SHAFT IN EXTERNAL WHEELCASE					
	DRIVING BEVEL GEARSHAFT					
	Backlash between serrations	—	—	$\frac{0.0016}{0.0054}$	0.008	

RESTRICTED

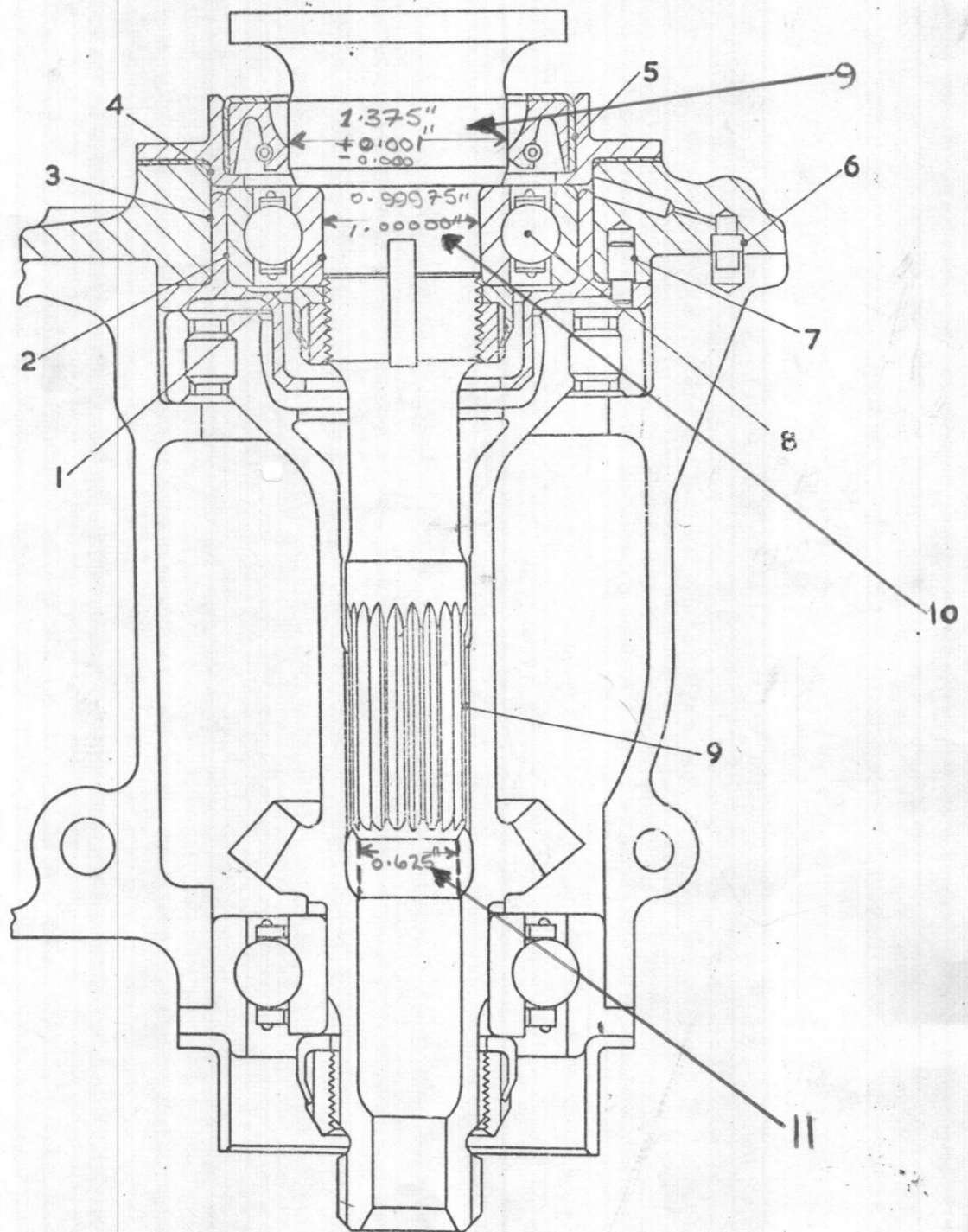


FIG.1. AUXILIARY GEARBOX DRIVE - STARBOARD

RESTRICTED