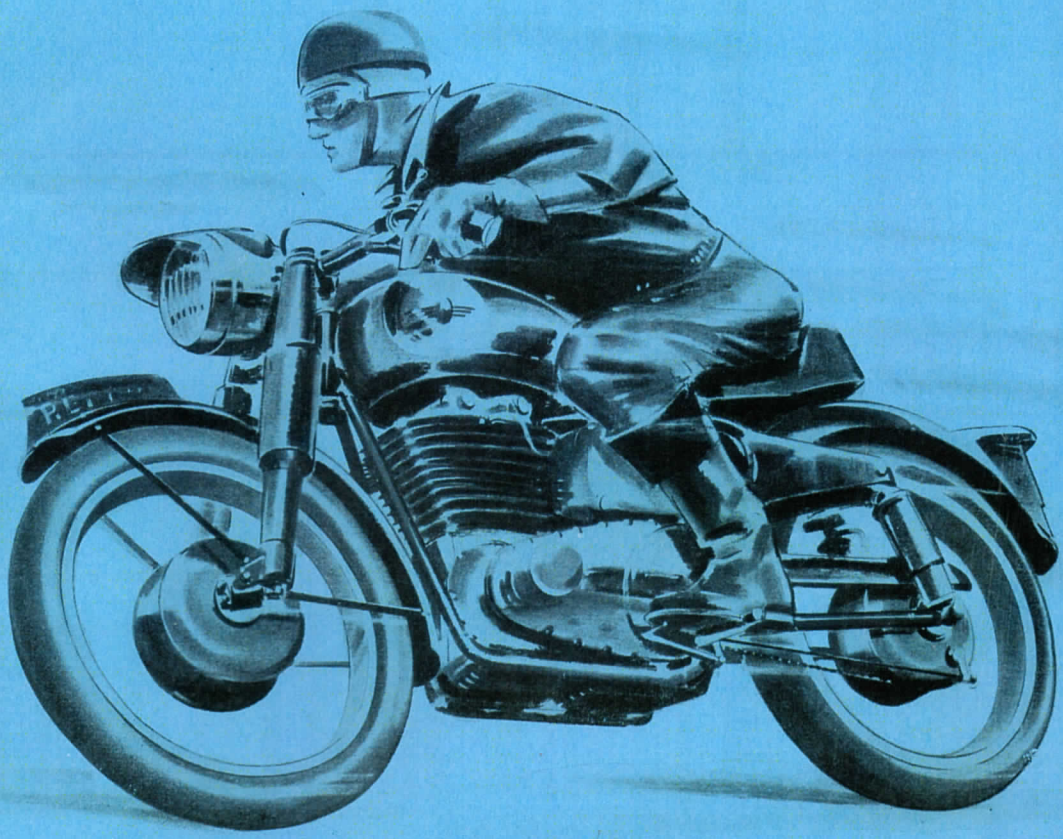


SMITHS MOTOR CYCLE EQUIPMENT

1961

SMITHS Motor Cycle Equipment — 1961

Make	Model & Description	Speedometer		Rev Indicator	Flexible Drive		Gear Box	Gear Box Pinion	Gear Ring	Speedometer Bracket	K.L.G. Sparking Plugs	Petro-Flex
		Miles	Kilos		Complete	Length						
A.J.S	14 248cc	SN.3153/83	SN.3153/84		DF.1110/22	5'2"	BG.5330/227				FE.80**	
	14CS 248cc	SN.3153/85	SN.3153/86		DF.1110/22	5'2"	BG.5330/267				FE.80**	
	16 347cc	SC.3312/00	SC.3312/01		DF.1110/22	5'5"	BG.5330/267			31-674-110-01	FE.80**	
	16C 347cc	SC.5301/09*	SC.5301/16*		DF.1110/22	5'5"	BG.5330/267				FE.80**	
	8 348cc	SN.3153/95	SN.3153/96		DF.1110/22	5'3"	BG.5330/227				FE.80**	
	7R O.H.C. 349cc ϕ			ATRC.2652/N	DF.1111/15	1'10"	BG.1507/02				***	PFP.503/12
	18 498cc	SC.3312/00	SC.3312/01		DF.1110/22	5'5"	BG.5330/267			31-674-110-01	FE.80**	
	18CS 497cc	SC.5301/09*	SC.5301/16*		DF.1110/22	5'5"	BG.5330/267				FE.80**	
	20 Twin 498cc	SC.3312/00	SC.3312/01		DF.1110/22	5'5"	BG.5330/267			31-674-110-01	FE.80**	
	20 Twin 498cc			≠RC.1304/00	DF.1111/15	2'2½"	BG.1508/01				FE.80**	
	31 Twin 646cc	SC.3312/00	SC.3312/01		DF.1110/22	5'5"	BG.5330/267			31-674-110-01	FE.80**	
	31 Twin 646cc			≠RC.1304/00	DF.1111/15	2'2½"	BG.1508/01				FE.80**	
	31CS Twin 646cc	SC.5301/09*	SC.5301/16*		DF.1110/22	5'2"	BG.5330/267				FE.80**	
	31CS Twin 646cc			≠RC.1304/00	DF.1111/15	2'2½"	BG.1508/01				FE.80**	
	31CSR Twin 646cc	SC.3312/00	SC.3312/01		DF.1110/22	5'2"	BG.5330/267			31-674-110-01	FE.80**	
	31CSR Twin 646cc			≠RC.1304/00	DF.1111/15	2'2½"	BG.1508/01				FE.80**	
	31DL Twin 646cc	SC.3312/00	SC.3312/01		DF.1110/22	5'5"	BG.5330/267			31-674-110-01	FE.80**	
	31DL Twin 646cc			≠RC.1304/00	DF.1111/15	2'2½"	BG.1508/01				FE.80**	
AMBASSADOR	Electra 75	SC.3303/47			DF.1111/02	3'1"				31-674-109-01		
	Scooter 175cc +	SN.3153/101			DF.1110/00	4'11"	BG.5121/037				F.80	
	Super TS.249cc	SC.3303/19*	SC.3303/31*		DF.1111/02	3'1"				31-674-109-01	F.80	PFP.503/9
	Zundapp Combinette Moped 50cc	≠SM.3100/00	≠SM.3100/01		DF.8231/04	2'0½"						
	Zundapp 438 70cc	≠SM.3100/00	≠SM.3100/01		DF.8231/04	2'0½"					F.80	
	Three Star Special 200cc	SN.3153/28	SN.3153/29		DF.1111/02	3'1"					F.80	
ARIEL	Leader Twin 249cc**** (Non-Trip Speedo.)	SC.1301/00	SC.1301/01		DF.1111/19	3'1"					FE.80	
	Leader Twin 249cc**** (Trip Speedo.)	SC.5309/00	SC.5309/01		DF.1111/19	3'1"					FE.80	
	TS2 Arrow 250cc	SN.3153/97	SN.3153/98		DF.1111/19	3'1"					FE.80	
BOND	P3 Scooter 148cc	SN.3153/71			DF.1111/02	3'8"					F.80	
	P4 Scooter 197cc	SN.3153/65			DF.1111/02	3'8"					F.80	
B.S.A.	Dandy 70cc (Headlamp Fitting)	SM.3601/00	SM.3601/01		DF.8231/02	2'8"	BG.5320/001				F.70	

\+ Tank Unit FT.5786/06 also fitted
‡ For Separate Inner & Outer Flexible Drives see Chart I (Back Cover)
* For Speedometer with Alternative Speed Range see Chart II (Back Cover)
** Three Earth-Point Version.
ϕ Mounting Ring MS.1001/00 also required
≠ Optional Equipment
*** Recommendation on request according to Tune & Fuel etc.
**** Optional Lever Clock CL.2104/00 also available.

Make	Model & Description	Speedometer		Rev Indicator	Flexible Drive ‡		Gear Box	Gear Box Pinion	Gear Ring	Speedometer Bracket	K.L.G. Sparking Plugs	Petro-Flex
		Miles	Kilos		Complete	Length						
B.S.A. (Cont'd)	D1 Bantam 123cc	SC.1102/07	SC.1102/08		DF.1110/21	4'8"	BG.5331/247				F.70	
	D1 Bantam 123cc (N. America only)	SC.1102/14			DF.1110/21	4'8"	BG.5331/247				F.70	
	D7 Bantam Super 174cc	SN.3153/79	SN.3153/80		DF.1110/21	4'8"	BG.5331/247				F.70	
	B1 Sunbeam 174cc	SN.3153/78	SN.3153/88		DF.1106/14	4'8½"					F.100	
	B2 Sunbeam Twin 249cc (O.H.V. 6 volt)	SN.3153/78	SN.3153/88		DF.1106/14	4'8½"					F.70	
	B2/S Sunbeam Twin 249cc (O.H.V. 12 Volt)	SN.3153/77	SN.3153/87		DF.1106/14	4'8½"					F.70	
	C15 250 Star 249cc	SN.3153/67	SN.3153/68		DF.1110/21	4'8"	BG.5331/247				FE.70	
	C15 O.H.V. Trials 249cc	SC.1102/07	SC.1102/08		DF.1110/21	4'8"	BG.5331/247				FE.75	
	C15 O.H.V. Trials 249cc (N. America only)	SC.1102/14			DF.1110/21	4'8"	BG.5331/247				FE.75	
	C15 Starfire Roadster 250cc	SN.3153/106	SN.3153/109		DF.1110/21	4'8"	BG.5331/247				FE.75	
	B32 & B34 Gold Star Clubman 499cc	SC.5301/03	SC.5301/12		DF.1110/21	3'5"					FE.70	PFP.506/14
	B32 & B34 Gold Star Clubman 499cc	SC.5301/03	SC.5301/12		DF.1110/20	3'10¾"					FE.70	PFP.506/14
				≠RC.1302/00	DF.1111/15	3'2"	BG.1508/04				FE.70	PFP.506/14
	B32 & B34 Gold Star Clubman 499cc (N. America only)	SC.5301/23			DF.1110/20	3'10¾"					FE.70	PFP.506/14
				RC.1302/00	DF.1111/15	3'2"	BG.1508/04				FE.70	PFP.506/14
	B40 350cc	SN.3153/85	SN.3153/86		DF.1110/21	4'8"	BG.5331/247					
	A7 Twin Solo 497cc	SC.3305/04	SC.3305/05		DF.1110/20	3'8"				31-674-110-01	F.70	PFP.506/18
	A7 Twin Sidecar 497cc	SC.3305/06	SC.3305/07		DF.1110/20	3'8"				31-674-110-01	F.70	PFP.506/18
	A7 Shooting Star Twin Solo 497cc	SC.3305/04	SC.3305/05		DF.1110/20	3'8"				31-674-110-01	FE.100	PFP.506/18
	A7 Shooting Star Twin Sidecar 497cc	SC.3305/06	SC.3305/07		DF.1110/20	3'8"					FE.100	PFP.506/18
	A10 Road Rocket Twin 646cc (with Cowl)	SC.3305/04	SC.3305/05		DF.1110/20	3'8"				31-674-110-01	F.100	PFP.506/18
	A10 Road Rocket Twin 646cc (without Cowl)	SC.5301/06	SC.5301/17		DF.1110/20	3'10¾"					F.100	PFP.506/18
	A10 Road Rocket Twin 646cc (without Cowl)			≠RC.1303/03	DF.1110/20	2'10½"					F.100	
	A10 Road Rocket Twin 646cc (N. America only) (with Cowl)	SC.5301/22			DF.1110/20	3'10¾"					F.100	PFP.506/18
				RC.1303/03	DF.1110/20	2'10½"					F.100	PFP.506/18
	A10 Road Rocket Twin 646cc (N. America only) (without Cowl)	SC.3305/12			DF.1110/20	3'8"					F.100	PFP.506/18
				RC.1303/03	DF.1110/20	2'10½"					F.100	PFP.506/18
	A10 Spitfire Scrambler	SC.5301/24			DF.1110/20	3'10¾"					F.100	
				RC.1303/03	DF.1110/20	2'10½"					F.100	
	M21 591cc	SC.5301/03	SC.5301/12		DF.1110/21	4'2"					FE.50	
COTTON	Vulcan 197cc	SN.3153/20	SN.3153/22		DF.1111/15	3'0"					F.80	PFP.503/8
	Trials 197cc	SC.1102/06			DF.1111/15	4'6"	BG.2510/00	31-813-120	31-812-110			
	Herald 250cc	SN.3153/20	SN.3153/22		DF.1111/15	3'6"					F.80	PFP.503/8
	Double Gloster 250cc	SN.3153/20	SN.3153/22		DF.1111/15	3'6"						
	Continental 250cc	SN.3153/20	SN.3153/22		DF.1111/15	3'6"						

‡ For Separate Inner & Outer Flexible Drives see Chart I (Back Cover)

≠ Optional Equipment

Make	Model & Description	Speedometer		Rev Indicator	Flexible Drive ‡		Gear Box	Gear Box Pinion	Gear Ring	Speedometer Bracket	K.L.G. Sparking Plugs	Petro-Flex
		Miles	Kilos		Complete	Length						
COTTON (Cont'd)	Messenger 325cc Villiers Engine	SC.3303/17	SC.3303/02		DF.1111/15	3'6"				31-674-109-01	F.80	P.503/8
D.K.R.	Dove 147cc	SN.3153/63			DF.1110/00	3'0"	BG.5117/047				F.80	
	Pegasus 148cc	SN.3153/69			DF.1110/00	3'0"	BG.5117/047				F.80	
	Defiant 197cc	SN.3153/69			DF.1110/00	3'0"	BG.5117/047				F.80	
	Manx 249cc	SN.3153/76			DF.1110/00	3'0"	BG.5117/047				F.80	
	Capella 175cc (12v) +	SN.3153/104			DF.1110/00	3'1"	BG.5117/047				F.80	
	Capella 175cc (6v) +	SN.3153/105			DF.1110/00	3'1"	BG.5117/047				F.80	
D.M.W.	Bambi Scooter 98cc	SN.3153/50	SN.3153/51		DF.1106/14	3'0"	BG.5121/633				F.70	
	Dolomite II Twin 249cc	SC.3303/42			DF.1111/15	3'2"				31-674-109-01	F.80	
	Dolomite IIA 324cc	SC.3303/09	SC.3303/12		DF.1111/15	3'2"				31-674-109-01	F.80	
	Dolomite III 250cc	SC.3303/41			DF.1111/15	3'2"				31-674-109-01	F.80	
	Dolomite IIIA 324cc	SC.3303/40			DF.1111/15	3'2"				31-674-109-01	F.80	
	Mk.10 249cc	SC.1102/06	SC.1102/26		DF.1111/15	3'2"	BG.2519/10	31-813-120	31-812-102		F.80	
	Mk.10 Comp. 249cc	SC.3303/34			DF.1110/20	5'0"	BG.5330/227				F.80	
DOT	200 THX 197cc	SC.1101/02	S.644/K/N		DF.1111/15	3'3"					***	
	200 THDX 197cc	SC.1101/02	S.644/K/N		DF.1111/15	3'3"					***	
	250 THX 249cc	SC.1101/02	S.644/K/N		DF.1111/15	3'3"					***	
	250 THDX 249cc	SC.1101/02	S.644/K/N		DF.1111/15	3'3"					***	
	200 WR Trials 197cc	SC.1101/02	S.644/K/N		DF.1111/15	3'3"					***	
	250 WR Trials 249cc	SC.1101/02	S.644/K/N		DF.1111/15	3'3"					***	
	200 SH 197cc	SC.1101/02	S.644/K/N		DF.1111/15	3'3"					***	
	250 SH 249cc	SC.1101/02	S.644/K/N		DF.1111/15	3'3"					***	
	200 SDH 197cc	SC.1101/02	S.644/K/N		DF.1111/15	3'3"					***	
	250 SDH 249cc	SC.1101/02	S.644/K/N		DF.1111/15	3'3"					***	
	Sportsmans Roadster 349cc	SC.3303/20	SC.3303/39		DF.1111/15	5'0"	BG.2511/00	34140	31-812-110	31-674-159-01	***	
EXCELSIOR	F10 Consort 98cc	SC.3303/21	SC.3303/43		DF.1110/20	4'5½"	BG.5331/227			31-674-109-01	F.70	
	F10 Consort 98cc	≠SC.1102/16			DF.1110/20	4'9"	BG.5115/607			31-615-417-01	F.70	
	C10 Consort 98cc	SC.1102/01	SC.1102/00		DF.1110/20	3'9½"	BG.5331/227			31-615-417-01	F.70	
	R10 Roadmaster 197cc	SN.3153/20	SN.3153/22		DF.1110/20	4'5½"	BG.5331/227				F.70	
	U10 Universal 147cc	SN.3153/20	SN.3153/22		DF.1110/20	4'5½"	BG.5331/227				F.70	
	ME/K Scooter (6 volt)	SN.3153/63			DF.1110/00	3'0"	BG.5116/047				FE.70D	
	ME/K Scooter (12 volt)	SN.3153/69			DF.1110/00	3'0"	BG.5116/047				F.70D	
	TT6 Talisman 246cc	SN.3153/20	SN.3153/22		DF.1110/20	4'5½"	BG.5331/227				FE.70	
	S9 Special Talisman 328cc	SC.3303/21	SC.3303/43		DF.1110/20	4'8½"	BG.5331/227			31-674-109-01	FE.70D	
FRANCIS & BARNETT	79 Light Cruiser 171cc	SN.3153/26	SN.3153/38		DF.1110/26	4'8"	BG.5330/247				FE.70	
	87 Falcon 197cc	SN.3153/55	SN.3153/56		DF.1110/26	4'8"	BG.5330/247				F.80	
	80 Cruiser 249cc	SN.3153/55	SN.3153/56		DF.1110/24	4'9"	BG.5330/247				FE.70	
	84 Cruiser 249cc	SN.3153/55	SN.3153/56		DF.1110/24	4'9"	BG.5330/247				FE.70	
	85 Trials 249cc	SC.1102/06			DF.1110/24	4'6"	BG.5330/247			31-615-417-01	FE.70	
GREEVES	20TD Scottish Trials 197cc	SC.1102/15			DF.1111/16	4'8"	BG.2504/01	31-813-125	31-812-110	31-564-202	F.80	

+ Tank Unit FT.5786/05 also fitted to De Luxe models

‡ For Separate Inner & Outer Flexible Drives see Chart I (Back Cover)

≠ Optional Equipment

*** Recommendation on request according to Tune & Fuel etc.

Make	Model & Description	Speedometer		Rev Indicator	Flexible Drive ‡		Gear Box	Gear Box Pinion	Gear Ring	Speedometer Bracket	K.L.G. Sparking Plugs	Petro-Flex
		Miles	Kilos		Complete	Length						
GREEVES (Cont'd)	20SCS & 24SCS Scottish Special 197cc	≠SC.1102/15			≠DF.1111/16	4'10"	≠BG.2504/01	31-813-125	31-812-110		F.80	
	20DB Sports 248cc	SN.3153/55			DF.1111/16	4'8"	BG.2504/01	31-813-125	31-812-110		F.80	
	24TDS Scottish Special 248cc	SC.1102/15			DF.1111/16	4'8"	BG.2504/01	31-813-125	31-812-110		F.80	
	24DB Sports 249cc	SN.3153/55			DF.1111/16	4'8"	BG.2504/01	31-813-125	31-812-110		F.80	
	25DC	SN.3153/55			DF.1111/16	4'8"	BG.2504/01	31-813-125	31-812-110		F.80	
	32DC	SN.3153/55			DF.1111/16	4'8"	BG.2504/01	31-813-125	31-812-110			
INDIAN (A.M.C.)	Pinto 150cc G1	SN.3170/04			DF.1110/20	4'7"	BG.5330/227					
	Pathfinder 250cc G2	SN.3170/22			DF.1110/22	5'2"	BG.5330/227				FE.80	
	Arrow 250cc G2CS	SN.3170/31			DF.1110/22	5'2"	BG.5330/267				FE.80	
	Westerner 500cc G80CS	SC.5301/09			DF.1110/22	5'5"	BG.5330/267				FE.80	
	Typhoon 600cc G80TCS	SC.5301/09			DF.1110/22	5'5"	BG.5330/267				FE.80	
	Racer 496cc G50			ATRC.2652/N	DF.1111/15	1'10"	BG.1507/02					
	The Indian Chief 700cc Vertical Twin	N.O.M.			DF.1110/21	4'11"	BG.5110/00					
	The Indian Chief 700cc Vertical Twin			RC.184	DF.1111/15	3'7"	BG.1506/01					
	Trailblazer 650cc G12	SC.3312/00			DF.1110/22	5'5"	BG.5330/267				FE.80	
	Trailblazer 650cc G12			≠RC.1304/00	DF.1111/15	2'5¾"	BG.1506/01				FE.80	
	Tomahawk 500cc G9	SC.3312/00			DF.1110/22	5'5"	BG.5330/267				FE.80	
	Tomahawk 500cc G9			≠RC.1304/00	DF.1111/15	2'5¾"	BG.1506/01				FE.80	
	Apache 650cc G12CS and G12CSR	SC.3312/00			DF.1110/22	5'2"	BG.5330/267				FE.80	
	Apache 650cc G12CS and G12CSR			≠RC.95/1	DF.1111/15	2'2½"	BG.1506/01				FE.80	
JAMES	L1 Comet 100 98cc	≠SN.3153/26	≠SN.3153/38		≠DF.1110/20	4'7"	≠BG.5330/227				F.70	
	L15A Cadet 150 147cc	SN.3153/26	SN.3153/38		DF.1110/20	4'7"	BG.5330/227				F.70	
	L20 172cc	SN.3153/26	SN.3153/38		DF.1110/20	4'8"	BG.5330/227				FE.70	
	L25 Commodore 249cc	SN.3153/26	SN.3153/38		DF.1110/20	4'7"	BG.5330/227				FE.70	
	L25T Commando 249cc	SC.1102/09	SC.1102/25		DF.1110/20	4'7"	BG.5330/227				F.80	
	SC1 Scooter 150cc	SN.3153/100			DF.1110/24	3'0"	BG.5330/027				FE.75	
MATCHLESS	G2 248cc	SN.3153/83	SN.3153/84		DF.1110/22	5'2"	BG.5330/227				FE.80**	
	G2CS 248cc	SN.3153/85	SN.3153/86		DF.1110/22	5'2"	BG.5330/267				FE.80**	
	G3 347cc	SC.3312/00	SC.3312/01		DF.1110/22	5'5"	BG.5330/267			31-674-110-01	FE.80**	
	G3C 347cc	SC.5301/09*	SC.5301/16*		DF.1110/22	5'5"	BG.5330/267				FE.80**	
	G5 348cc	SN.3153/95	SN.3153/96		DF.1110/22	5'3"	BG.5330/227				FE.80**	
	G50 496cc			ATRC.2652/N	DF.1111/15	1'10"	BG.1507/02				***	
	G80 498cc	SC.3312/00	SC.3312/01		DF.1110/22	5'5"	BG.5330/267			31-674-110-01	FE.80**	
	G80CS 497cc	SC.5301/09*	SC.5301/16*		DF.1110/22	5'5"	BG.5330/267				FE.80**	
	G9 Twin 498cc	SC.3312/00	SC.3312/01		DF.1110/22	5'5"	BG.5330/267			31-674-110-01	FE.80**	
	G9 Twin 498cc			≠RC.1304/00	DF.1111/15	2'2½"	BG.1508/01				FE.80**	
	G12 Twin 646cc	SC.3312/00	SC.3312/01		DF.1110/22	5'5"	BG.5330/267			31-674-110-01	FE.80**	
	G12 Twin 646cc			≠RC.1304/00	DF.1111/15	2'2½"	BG.1508/01				FE.80**	
	G12CS Twin 646cc	SC.5301/09*	SC.5301/16*		DF.1110/22	5'2"	BG.5330/267				FE.80**	
	G12CS Twin 646cc			≠RC.1304/00	DF.1111/15	2'2½"	BG.1508/01				FE.80	
	G12CSR Twin 646cc	SC.3312/00	SC.3312/01		DF.1110/22	5'2"	BG.5330/267			31-674-110-01	FE.80**	
	G12CSR Twin 646cc			≠RC.1304/00	DF.1111/15	2'2½"	BG.1508/01				FE.80	

‡ For Separate Inner & Outer Flexible Drives see Chart I (Back Cover)

* For Speedometer with Alternative Speed Range see Chart II (Back Cover)

≠ Optional Equipment

** Three Earth-Point Version

*** Recommendation on request according to Tune & Fuel etc.

Make	Model & Description	Speedometer		Rev Indicator	Flexible Drive ‡		Gear Box	Gear Box Pinion	Gear Ring	Speedometer Bracket	K.L.G. Sparking Plugs	Petro-Flex
		Miles	Kilos		Complete	Length						
MATCHLESS (Cont'd)	G12DL Twin 646cc	SC.3312/00	SC.3312/01		DF.1110/22	5'5"	BG.5330/267			31-674-110-01	FE.80	
	G12DL Twin 646cc			≠RC.1304/00	DF.1111/15	2'2½"	BG.1506/01				FE.80	
NORMAN	Lido 50cc	SM.3101/00			DF.8231/02	2'11½"	BG.5348/111				F.70	
	Nippy 50cc	SM.3101/00			DF.8231/02	2'11½"	BG.5348/111				F.70	
	B1S 148cc	SN.3153/28	SN.3153/29		DF.1111/00	4'10"	BG.2500/02				F.80	
	B2S Roadster (3 Speed) 197cc	SN.3153/28	SN.3153/29		DF.1111/00	2'9"					F.80	
	B2S Roadster (4 Speed) 197cc	SN.3153/28	SN.3153/29		DF.1111/00	3'0"					F.80	
	B2S Sports (3 Speed) 197cc	SN.3153/28	SN.3153/29		DF.1111/00	2'9"					F.80	
	B2S Sports (4 Speed) 197cc	SN.3153/43	SN.3153/44		DF.1111/00	3'0"					F.80	
	B2S Comp. 197cc	SC.1102/04	SC.1102/05		DF.1111/00	2'11"					F.80	
	B4 Roadster 249cc	SN.3153/20	SN.3153/22		DF.1111/00	3'2"					F.80	
	B4 Sports 249cc	SN.3153/20	SN.3153/22		DF.1111/00	3'2"					F.80	
NORTON	Jubilee 250 249cc	SN.3153/95	SN.3153/96		DF.1110/24	5'1½"	BG.5330/247				FE.100	
	40M 499cc			ATRC.2652	DF.1111/15	1'9"	BG.1507/01				***	
	50 348cc	SC.3303/17	SC.3303/02		DF.1110/22	5'7½"	BG.5330/257				FE.80	
	ES2 490cc	SC.3303/17	SC.3303/02		DF.1110/22	5'7½"	BG.5330/257				FE.80	
	88 Dominator 497cc	SC.3303/17	SC.3303/02		DF.1110/22	5'7½"	BG.5330/257				FE.80	
	30M 348cc			ATRC.2652	DF.1111/15	1'9"	BG.1507/01				***	
	99 Dominator 597cc	SC.3303/17	SC.3303/02		DF.1110/22	5'7½"	BG.5330/257				FE.80	
	Nomad 500 600cc (American Markets)	SC.3303/24*	SC.3303/25		DF.1110/22	5'7½"	BG.5330/257			31-674-109-01	FE.100	
	650/99 650cc	SC.3303/46	SC.3303/11		DF.1110/22	5'7½"	BG.5330/257			31-674-109-01	FE.80	
	650/99 650cc			RC.1302/00	DF.1111/18	2'8"	BG.1506/00				FE.80	
PASHLEY	Rickshaw (Shaft Drive Model)	SC.3303/26			DF.1111/22	4'0"	BG.2500/06			31-674-110-01		
	Pashley/Enfield Heavy Duty	SC.1101/06			DF.1111/15	5'4"	BG.2507/08	41-280-118-00	31-812-302	31-163-103-01		
	PV.70	SN.3153/108			DF.1111/17	5'1"						
PANTHER (PHELON & MOORE)	Princess TS.175cc (6 volt)	SN.3153/111			DF.1111/15	4'3"					F.75	
	Princess TS.175cc (12 volt)	SN.3153/110			DF.1111/15	4'3"					F.75	
	10/3 197cc	SN.3153/37	SN.3153/54		DF.1111/15	5'0"	BG.2517/00				F.80	
	10/4 TS.197cc	SN.3153/43	SN.3153/44		DF.1111/15	3'1"					F.80	
	35 Twin 249cc	SN.3153/20	SN.3153/22		DF.1111/15	3'1"					F.80	
	35 Sports Twin 249cc	SN.3153/20	SN.3153/22		DF.1111/15	3'1"					F.80	
	45 Sports Twin 324cc	SN.3153/90			DF.1111/15	3'1"					F.80	
	50 Sports Twin 324cc	SN.3153/90			DF.1111/15	3'1"					F.80	
	65 Springer 248cc	SC.3303/16	SC.3303/32		DF.1111/15	5'0"	BG.2517/00			31-674-109-01	F.70	
	75 Springer 348cc	SC.3303/16	SC.3303/32		DF.1111/15	5'0"	BG.2517/00			31-674-109-01	F.70	
	100 598cc	SC.3303/17	SC.3303/02		DF.1111/15	5'6"	BG.2517/00				F.70	
	120S De Luxe 645cc	SC.3303/17	SC.3303/02		DF.1111/15	5'6"	BG.2517/00				F.75	
PHILLIPS	Gadabout 49cc	SM.3101/02	SM.3101/03		DF.8231/02	2'1"	BG.5338/121				F.80	

‡ For Separate Inner & Outer Flexible Drives see Chart I (Back Cover)

≠ Optional Equipment

* For Speedometer with Alternative Speed Range see Chart II (Back Cover)

*** Recommendation on request according to Tune & Fuel etc.

Make	Model & Description	Speedometer		Rev Indicator	Flexible Drive ‡		Gear Box	Gear Box Pinion	Gear Ring	Speedometer Bracket	K.L.G. Sparking Plugs	Petro-Flex
		Miles	Kilos		Complete	Length						
RALEIGH	Moped 49cc	SN.3110/00	SN.3110/01		DF.7302/01	2'2"	DG.3002/00		80620		F.75	
ROYAL ENFIELD	Prince 148cc	SN.3153/20	SN.3153/22		DF.1110/20	2'1½"	BG.5303/05				F.20	
	Prince Airflow 148cc	SC.1102/04	SC.1102/05		DF.1110/20	2'3½"	BG.5303/05				F.20	
	250 Clipper 248cc	SC.3303/20	SC.3303/39		DF.1110/21	4'4"	BG.5303/10				F.80	
	250 Clipper Airflow 248cc	SC.3303/20	SC.3303/39		DF.1110/30	4'9"	BG.5303/10				F.80	
	Crusader 248cc	SC.3303/20	SC.3303/39		DF.1110/21	4'4"	BG.5303/10				F.80	
	Crusader Airflow 248cc	SC.3303/20	SC.3303/39		DF.1110/30	4'9"	BG.5303/10				F.80	
	Crusader Sports 248cc	SC.3303/20	SC.3303/39		DF.1110/21	4'4"	BG.5303/10				F.80	
	Crusader Sports Airflow 248cc	SC.3303/20	SC.3303/39		DF.1110/30	4'9"	BG.5303/10				F.80	
	350 Trials 346cc	SC.3303/30	SC.3303/34		DF.1110/21	4'6"	BG.5303/10				***	
	350 Trials 346cc			≠RC.1302/00	DF.1111/15	2'4"	BG.1508/00				***	
	350 Clipper 346cc	SC.3303/20	SC.3303/39		DF.1110/21	4'6"	BG.5303/10				F.70	
	350 Clipper 346cc			≠RC.1302/00	DF.1111/15	2'4"	BG.1508/00				F.70	
	350 Clipper Airflow 346cc	SC.3303/20	SC.3303/39		DF.1110/30	4'11"	BG.5303/10				F.70	
	350 Clipper Airflow 346cc			≠RC.1302/00	DF.1111/15	2'4"	BG.1508/00				F.70	
	350 Bullet 346cc	SC.3303/20	SC.3303/39		DF.1110/21	4'6"	BG.5303/10				F.70	
	350 Bullet 346cc			≠RC.1302/00	DF.1111/15	2'4"	BG.1508/00				F.70	
	350 Bullet Airflow 346cc	SC.3303/20	SC.3303/39		DF.1110/30	4'11"	BG.5303/10				F.70	
	350 Bullet Airflow 346cc			≠RC.1302/00	DF.1111/15	2'4"	BG.1508/00				F.70	
	Meteor Minor DeLuxe 496cc	SC.3303/20	SC.3303/39		DF.1110/21	4'6"	BG.5303/10				FE.75	
	Meteor Minor DeLuxe 496cc			≠RC.184	DF.1111/15	3'7"	BG.1508/01				FE.75	
	Meteor Minor DeLuxe Airflow 496cc	SC.3303/20	SC.3303/39		DF.1110/30	4'11"	BG.5303/10				FE.75	
	Meteor Minor DeLuxe Airflow 496cc			≠RC.184	DF.1111/15	3'7"	BG.1508/01				FE.75	
	Meteor Minor Sports 496cc	SC.3303/20	SC.3303/39		DF.1110/21	4'6"	BG.5303/10				FE.75	
	Meteor Minor Sports 496cc			≠RC.184	DF.1111/15	3'7"	BG.1508/01				FE.75	
	Meteor Minor Sports Airflow 496cc	SC.3303/20	SC.3303/39		DF.1110/30	4'11"	BG.5303/10				FE.75	
	Meteor Minor Sports Airflow 496cc			≠RC.184	DF.1111/15	3'7"	BG.1508/01				FE.75	
	500 Bullet 499cc	SC.3303/01	SC.3303/11		DF.1110/21	4'6"	BG.5303/10				FE.75	
	500 Bullet 499cc			≠RC.1302/00	DF.1111/15	2'4"	BG.1508/00				FE.75	
	500 Bullet Airflow 499cc	SC.3303/01	SC.3303/11		DF.1110/30	4'11"	BG.5303/10				FE.75	
	500 Bullet Airflow 499cc			≠RC.1302/00	DF.1111/15	2'4"	BG.1508/00				FE.75	
	Super Meteor 692cc	SC.3303/01	SC.3303/11		DF.1110/21	4'6"	BG.5303/10				FE.75	
	Super Meteor 692cc			≠RC.184	DF.1111/15	3'7"	BG.1508/01				FE.75	
	Super Meteor Airflow 692cc	SC.3303/01	SC.3303/11		DF.1110/30	4'11"	BG.5303/10				FE.75	

‡ For Separate Inner & Outer Flexible Drives see Chart I (Back Cover)
≠ Optional Equipment
*** Recommendation on request according to Tune & Fuel etc.

Make	Model & Description	Speedometer		Rev Indicator	Flexible Drive ‡		Gear Box	Gear Box Pinion	Gear Ring	Speedometer Bracket	K.L.G. Sparking Plugs	Petro-Flex
		Miles	Kilos									
ROYAL ENFIELD (Cont'd)	Super Meteor Airflow 692cc			≠RC.184	DF.1111/15	3'7"	BG.1508/01				FE.75	
	Constellation 692cc	SC.3303/01	SC.3303/11		DF.1110/21	4'6"	BG.5303/10				FE.80	
	Constellation 692cc			≠RC.184	DF.1111/15	3'7"	BG.1508/01					
	Constellation Airflow 692cc	SC.3303/01	SC.3303/11		DF.1110/30	4'11"	BG.5303/10				FE.80	
	Constellation Airflow 692cc			≠RC.184	DF.1111/15	3'7"	BG.1508/01				FE.80	
SUN	Geni 98cc	SN.3153/43			DF.1110/24	5'0"	BG.5115/607				F.70	PFP.503/6¼
	Geni 98cc (Front Wheel Drive)	SN.3153/43			DF.1110/15	3'4"	BG.5401/11				F.70	
	Sunwasp Scooter 173cc (Siba Starter) (12v)	SN.3153/71			DF.1111/15	3'11"					F.80	
	Sunwasp Scooter 173cc (Kick Starter) (6v)	SN.3153/107			DF.1111/15	3'11"					F.80	
TRIUMPH	TS1 Tigress 174cc	SN.3153/78	SN.3153/88		DF.1106/14	4'8½"					F.100	
	T20 Tiger Cub 199cc	SN.3153/17	SN.3153/18		DF.1110/20	4'10"	BG.5330/247				F.80	
	T20S Tiger Cub Sports 199cc	SC.1102/11	SC.1102/12		DF.1110/22	4'10"	BG.5330/247				F.80	
	T20S Tiger Cub Sports 199cc			≠RN.1101/00	DF.1111/15	2'4"					F.80	
	T20T Trials Cub	SC.1102/11	SC.1102/12		DF.1110/20	4'10"	BG.5330/247				F.80	
	TW2 Tigress 250cc	SN.3153/78	SN.3153/88		DF.1106/14	4'8½"						
	TW2/S Tigress 249cc	SN.3153/77	SN.3153/87		DF.1106/14	4'8½"					F.70	
	3TA Twenty One 348cc	SC.3304/11	SC.3304/18		DF.1110/20	4'10"	BG.5330/287			31-674-110-01	FE.75	
	5TA Speed Twin 490cc	SC.3304/11	SC.3304/18		DF.1110/20	4'10"	BG.5330/287			31-674-110-01	F.80	
	T100/A Tiger 100 490cc	SC.3304/11	SC.3304/18		DF.1110/20	4'10"	BG.5330/287			31-674-110-01	FE.100	
	T110 Tiger 649cc	SC.3304/24	SC.3304/25		DF.1106/11	3'8"				31-674-110-01	FE.100	
	6T Thunderbird 649cc	SC.3304/24	SC.3304/25		DF.1106/11	3'8"				31-674-110-01	F.80	
	TR5A Road Model (Export only) 500cc	SC.5301/03	SC.5301/12		DF.1110/20	4'10"	BG.5330/287					
	TR5A Competition (Export only) 500cc	SC.5301/09	SC.5301/16		DF.1110/20	4'10"	BG.5330/287					
	TR6 Trophy 649cc	SC.5301/09	SC.5301/16		DF.1106/13	3'8"					FE.100	
	TR6 Trophy 649cc			≠RC.1307/00	DF.1111/15	2'4"					FE.100	
	T120 Bonneville 649cc	SC.5301/26	SC.5301/18		DF.1106/13	3'8"					FE.100	
	T120 Bonneville 649cc (N. America only)			RC.1307/00	DF.1111/15	2'4"					FE.100	
VELOCETTE	LE Mk.III 192cc	SN.3153/20	SN.3153/22		DF.1111/17	2'9"					TEN L.30	
	Valiant Twin 192cc	SN.3153/20	SN.3153/22		DF.1111/17	2'9"					TEN L.100	
	Valiant Vee Line Twin 192cc	SN.3153/20	SN.3153/22		DF.1111/17	2'9"					TEN.L.100	
	MAC 349cc	SC.3308/00	SC.3308/01		DF.1110/22	5'3"	BG.5303/11			31-674-110-01	FE.70	
	Viper 349cc	SC.3308/00	SC.3308/01		DF.1110/22	5'3"	BG.5303/11			31-674-110-01	FE.100	
	Viper Clubmans 349cc	SC.3308/00	SC.3308/01		DF.1110/22	5'3"	BG.5303/11			31-674-110-01	FE.100	
	MSS 499cc	SC.3308/00	SC.3308/01		DF.1110/22	5'3"	BG.5303/11			31-674-110-01	FE.100	
	Venom 499cc	SC.3308/00	SC.3308/01		DF.1110/22	5'3"	BG.5303/11			31-674-110-01	FE.100	
	Venom Clubmans 499cc	SC.3308/00	SC.3308/01		DF.1110/22	5'3"	BG.5303/11			31-674-110-01	FE.100	

‡ For Separate Inner & Outer Flexible Drives see Chart I (Back Cover)

≠ Optional Equipment

Make	Model & Description	Speedometer		Rev Indicator	Flexible Drive ‡		Gear Box	Gear Box Pinion	Gear Ring	Speedometer Bracket	K.L.G. Sparking Plugs	Petro-Flex
		Miles	Kilos		Complete	Length						
VELOCETTE (Cont'd)	Venom Clubmans 499cc	SC.3308/00	SC.3308/01	≠RC.1302/02	DF.1111/15	3'0"	BG.1507/02			31-674-110-01	FE.100	
	Venom Sports 499cc				DF.1110/22	5'3"	BG.5303/11				FE.100	
	Venom Sports 499cc			≠RC.1302/02	DF.1111/15	3'0"	BG.1507/02				FE.100	
	Venom (Special Export Orders)			ATRC.2652	DF.1111/15	3'0"	BG.1507/02				FE.100	
	Endurance 499cc	SC.3308/00	SC.3308/01		DF.1110/22	5'3"	BG.5303/11			31-674-110-01	FE.100	
	Viceroy Scooter	SN.3153/112			DF.1111/17	5'7"					FE.80	

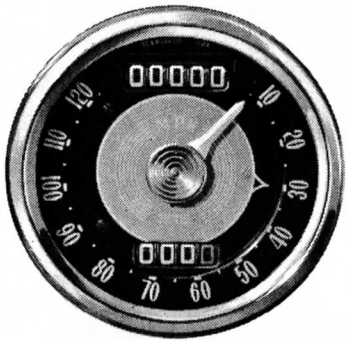
‡ For Separate Inner & Outer Flexible Drives See Chart I (Back Cover)

≠ Optional Equipment

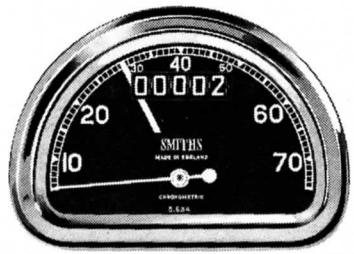
SMITHS

Motor Cycle Equipment

Illustrated on these pages is a representative range of the most popular types of motor cycle equipment manufactured by Smiths.



Speedometer 3″ Chronometric Type
The movement is contained in a heavy pressed steel case, specially treated internally and externally against rust. The case is finished in black enamel and the screwed-on bezel is polished chromium plate. Also available with flange bezel and cadmium finished case for nacelle or headlamp installation.
Dial black with white figures and available with or without internal illumination.



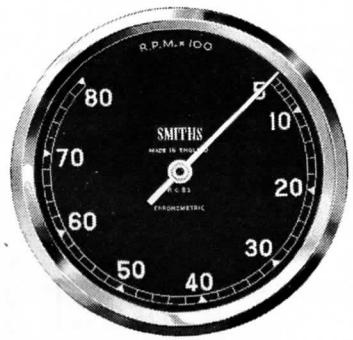
"D" Shaped Speedometer
Chronometric Type, for Lightweight Motor Cycles.
Finished in a rust-proofed, black enamelled case with clear white figures on a black dial. Also available with flange bezel for nacelle or headlamp installation.
The internal illumination provides a soft diffused light over the dial and pointer.



60 mm. Speedometer
Nemag movement also for lightweight motor cycles. Strap or handlebar fixing. Variety of dial colourings to choose from.

60 mm. Revolution Indicators
Revolution Indicators to match the 60 mm. speedometer are available. Maximum revolutions per minute, ratio and rotation available in any combination of the following :

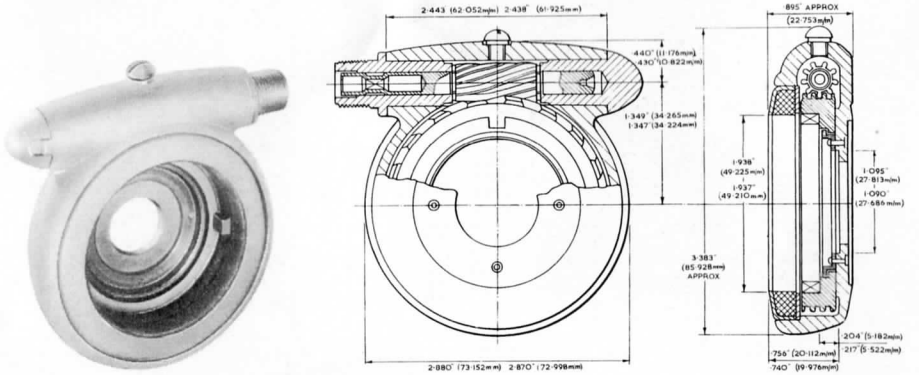
MAX. R.P.M.	10,000	12,000	16,000	
RATIO	2 : 1	4 : 1	4 : 1	
ROTATION	Clockwise or anti-wise.			



3″ Revolution Indicators
Chronometric movement.
Black dial, white figures and pointer, chrome bezel.
Right angle drive can be built in. A maximum hand may be incorporated if required.
Maximum revolutions per minute, ratio and rotation available in any combination of the following:

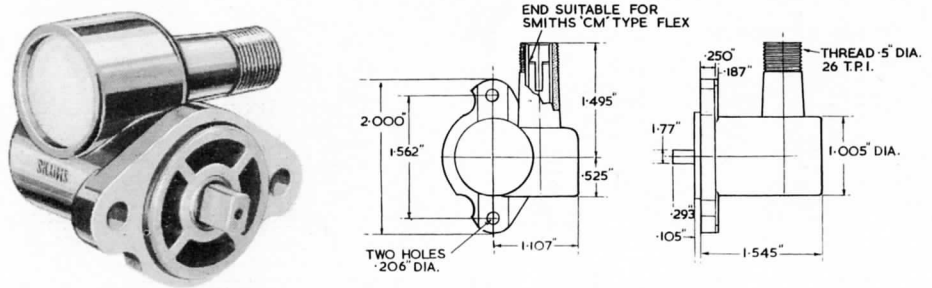
MAX. R.P.M.	8,000	9,000	10,000	12,000
RATIO	2 : 1	4 : 1	4 : 1	4 : 1
ROTATION	Clockwise or anti-clockwise			

All Smiths motor cycle speedometers are available to register either miles or kilometers per hour.



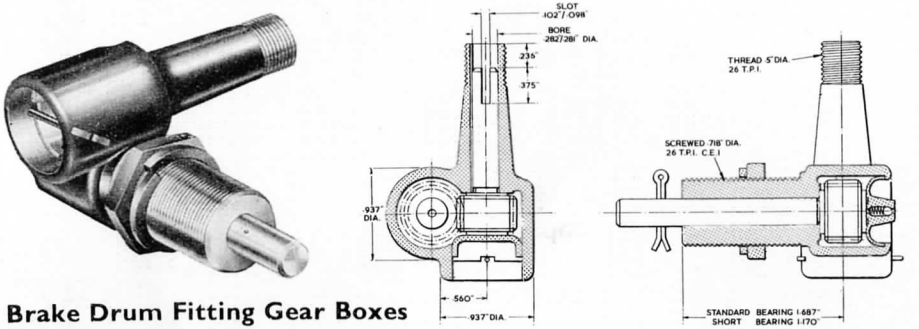
Gear Box Code No. BG.5331 & BG.5333 Series
(Replacing 52283/50-88, BG.5101 & BG.5103 Series)

This hub gear box has a thicker body section than those in the BG. 5303 Series (Previously 52283/1-49 Series) and uses the larger felt seal. It can be used where the hub is slotted to provide the necessary engagement or where other provision can be arranged. Clockwise or anti-clockwise input. Ratios: 1:1 & 2:1
Suitable Flexible Drive DF. 1110/20 (Black PVC) or DF. 1110/24 (Grey PVC)



Gear Box Code No. BG. 1508 Series (Replacing 70549 Series)

These gear boxes reverse the rotation of the shaft to which they are attached. The rotation is determined by looking immediately on to the end of the engine spindle with which the gear box or flexible drive is engaged.
Plain phosphor bronze bearings. Ratios 1 : 1 and 2 : 1.
Suitable Flexible Drive DF. 1111/15 (Black PVC) or DF. 1111/12 (Grey PVC)

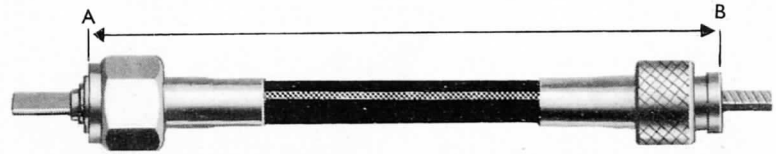


Brake Drum Fitting Gear Boxes

Basic Code

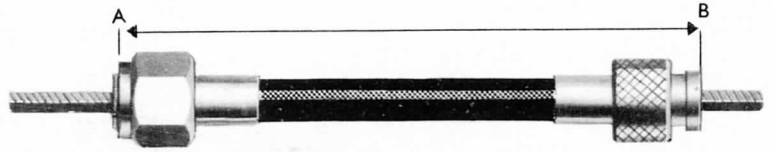
BG.2504 Series	(Replacing 34159 Series)	Short Reach.	Right Hand Gears	Ratios of 5:12. 8:12.
BG.2511 Series	(Replacing 70458 Series)	Long Reach.	Left Hand Gears	
BG.2500 Series	(Replacing 25224 Series)	Long Reach.	Right Hand Gears	
BG.2510 Series	(Replacing 70458 Series)	Short Reach.	Left Hand Gears	

Boxes available for either external gear ring drive or for internal brake-drum fitting, with left or right hand gears to maintain clockwise output.
Suitable Flexible Drive for these right angle gear boxes: DF. 1111/15 (Black PVC) or DF. 1111/12 (Grey PVC)



FLEX COMPLETE DF. 1111/15 (Black PVC) DF. 1111/12 (Grey PVC) **INNER** DI. 1111/00 DI. 1111/00 **OUTER** DO. 1111/09 DO. 1111/08

DRIVING END **INSTRUMENT END**



FLEX COMPLETE DF. 1110/20 (Black PVC) DF. 1110/24 (Grey PVC) **INNER** DI. 1124/00 DI. 1124/00 **OUTER** DO. 1110/20 DO. 1110/24

The nominal length of a flexible drive is measured between points 'A' and 'B'

Chart I FLEXIBLE DRIVES

Flexible Drive (Complete)	Inner Flexible Drive (Only)	Outer Flexible Drive (Only)
DF.1106/11	DI.1124/00	DO.1106/11
DF.1106/13	DI.1124/00	DO.1106/13
DF.1106/14	DI.1124/00	DO.1106/14
DF.1110/20	DI.1124/00	DO.1110/20
DF.1110/21	DI.1124/00	DO.1110/21
DF.1110/22	DI.1124/00	DO.1110/22
DF.1110/24	DI.1124/00	DO.1110/24
DF.1110/26	DI.1124/00	DO.1110/26
DF.1110/30	DI.1124/00	DO.1110/30
DF.1111/00	DI.1110/02	DO.1111/00
DF.1111/02	DI.1110/02	DO.1111/02
DF.1111/12	DI.1111/00	DO.1111/08
DF.1111/15	DI.1111/00	DO.1111/09
DF.1111/16	DI.1111/00	DO.1111/10
DF.1111/17	DI.1111/00	DO.1111/11
DF.1111/18	DI.1111/00	DO.1111/12
DF.1111/19	DI.1111/00	DO.1111/13
DF.1111/22	DI.1111/00	DO.1111/16
DF.7302/01	DI.7323/00	DO.7302/00
DF.8231/02	(Non Detachable)	

Chart I, above, shows the code numbers of the separate Inner and Outer Flexible Drives which form the complete Flexible Drives listed in the specification section of this booklet.

Chart II ALTERNATIVE SPEEDOMETERS

MILES		KILOS	
80 m.p.h.	120 m.p.h.	140 k.p.h.	180 k.p.h.
S.467/185/N	SC.3303/24	S.467/189/M	SC.3303/25
S.491/1/N	SC.5301/09	S.491/5/N	SC.5301/16
S.525/1/N	SC.5301/07	S.525/5/N	SC.5301/08
S.546/1/N	SC.5301/06	S.546/5/N	SC.5301/17
SC.3303/19	SC.3303/20	SC.3303/31	SC.3303/02
SC.3303/26	S.467/179/N	SC.5301/13	SC.5301/12
SC.3303/27	SC.3303/38	SC.3303/05	SC.3303/07

Chart II, above, shows instruments of a different speed range which are suitable as alternative to those marked with an asterisk in the specification section of this booklet.

SMITHS MOTOR ACCESSORY DIVISION

HEAD OFFICE
CRICKLEWOOD WORKS,
LONDON, N.W.2.
Telephone : Gladstone 3333

SALES AND SERVICE
50, OXGATE LANE,
LONDON, N.W.2.
Telephone : Gladstone 8030

Telegrams : Speedofac, London. Telex 22671.

Printed in England by Roadcraft Press Ltd., May, 1961. Ref. No. S.1012/4E