



1952

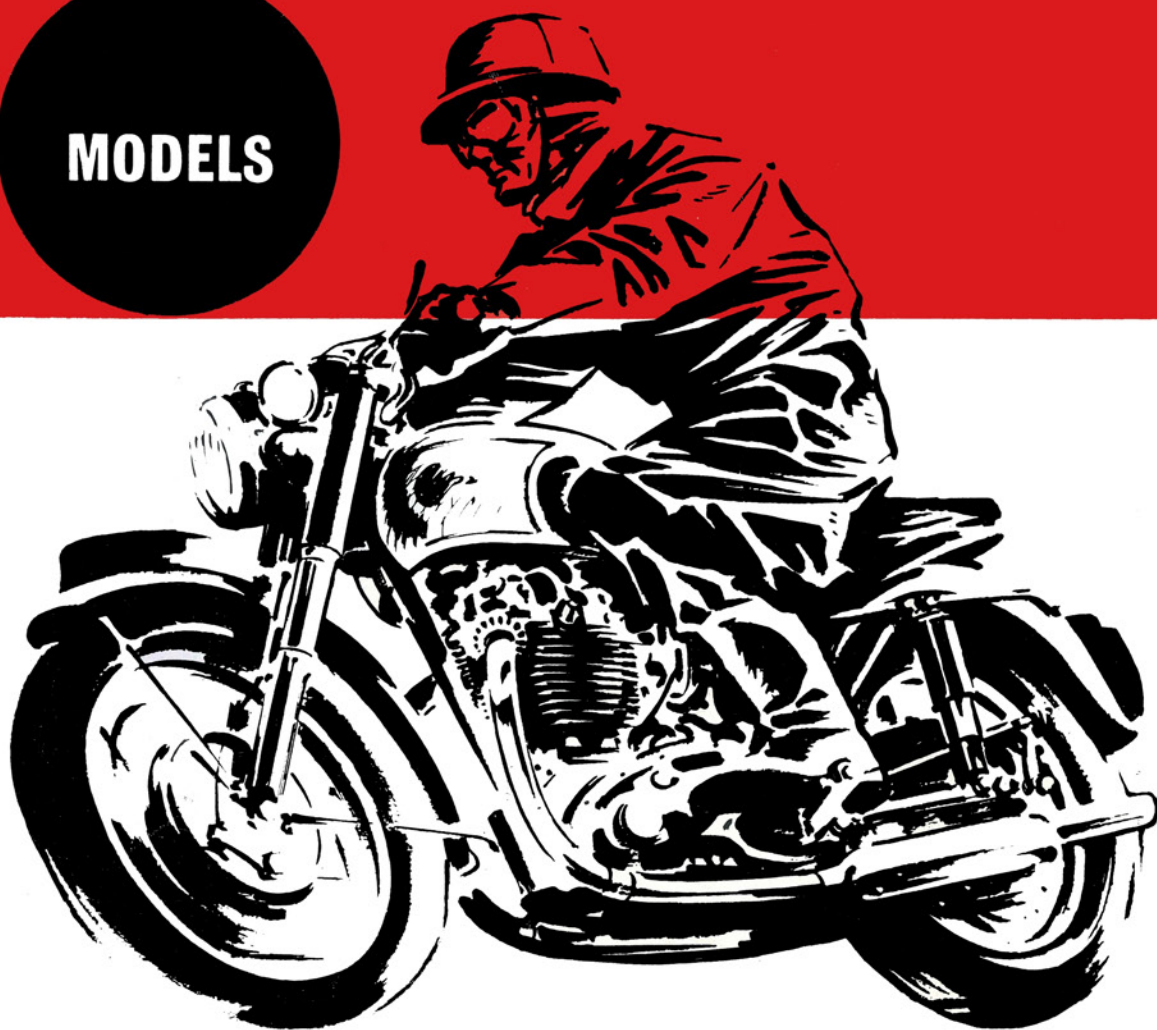
RENOLD

**REPLACEMENT
CHAINS for
MOTORCYCLES**

including light cars with chain transmission

1962

MODELS



RENOLD CHAINS LIMITED MANCHESTER

RENOLD CHAINS LIMITED

Precision Chain Engineers

Manufacturers of: transmission and conveying chains, wheels and accessories for all mechanical purposes; chain drives, couplings and clutches; chain mortise gear; chains for cycle, motorcycle, automobile, marine and aircraft applications.

MEMBERS OF

The British Cycle and Motor Cycle Industries Association Limited

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This list is issued for the use of the Motorcycle Replacement Trade. Details of sizes have been compiled from information received from motorcycle manufacturers, and from other sources. Whilst every effort is made to ensure that the information is correct and complete, it will be understood that it is impossible to guarantee the accuracy of all details, due to the varied sources from which information has been obtained.

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Replacement Chains for Motorcycles including Light Cars with Chain Transmission

1952 - 1962 MODELS

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Chain Dimensions for RENOLD Replacement Chains

Chain No.	Pitch		Roller diameter		Width between inner plates		Breaking load	
	in.	mm.	in.	mm.	in.	mm.	lb.	Kg.
RENOLD MARK								
Simple								
110 500	.315	8.00	.197	5.00	.118	3.0	1,000	450
110 037	.375 ($\frac{3}{8}$)	9.53	.250	6.35	.155	3.9	2,000	910
110 038	.375 ($\frac{3}{8}$)	9.53	.250	6.35	.225	5.7	2,000	910
111 044	.50 ($\frac{1}{2}$)	12.70	.305	7.75	.130	3.3	2,000	910
111 046	.50 ($\frac{1}{2}$)	12.70	.305	7.75	.192	4.9	2,000	910
110 044	.50 ($\frac{1}{2}$)	12.70	.335	8.51	.205	5.2	4,000	1,810
110 046	.50 ($\frac{1}{2}$)	12.70	.335	8.51	.305	7.8	4,000	1,810
110 054	.625 ($\frac{5}{8}$)	15.88	.400	10.16	.225	6.5	5,000	2,270
110 056	.625 ($\frac{5}{8}$)	15.88	.400	10.16	.380	9.7	5,000	2,270
110 066	.75 ($\frac{3}{4}$)	19.05	.475	12.07	.460	11.7	6,500	2,950
Duplex								
114 500	.315	8.00	.197	5.00	.118	3.0	1,750	790
114 038	.375 ($\frac{3}{8}$)	9.53	.250	6.35	.225	5.7	3,900	1,770
Triplex								
116 038	.375 ($\frac{3}{8}$)	9.53	.250	6.35	.225	5.7	5,600	2,540
THE COVENTRY MARK								
Simple								
111 048	.50 ($\frac{1}{2}$)	12.70	.305	7.75	.130	3.3	1,900	860
111 049	.50 ($\frac{1}{2}$)	12.70	.305	7.75	.192	4.9	1,900	860
112 045	.50 ($\frac{1}{2}$)	12.70	.305	7.75	.192	4.9	3,600	1,633
112 046	.50 ($\frac{1}{2}$)	12.70	.305	7.75	.250	6.3	3,600	1,633

RENOLD Replacement Chains for British Engines

Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches
BRITISH ANZANI						VILLIERS—continued						VILLIERS—continued					
Twin	242/322	1954/8	P	114 038	70	6F	98	1956/8	P	110 037	56	9E/4SF*	197	1957/60	P	110 038	58
2 Stroke						9D	125	1952/3	P	110 038	58	10E	197	1957/9	P	110 038	58
J.A.P.						10D	125	1952/3	P	110 038	64	11E	197	1962	P	110 038	58
Grass Track	350	1952/8	M	110 037	48	11D	125	1953/4	P	110 038	64	1H	225	1953/8	P	110 038	60
Speedway	500	1952/8	M	110 037	48	12D	125	1953/4	P	110 038	64	2H	246	1957/60	P	110 038	60
B.T.H. type						13D	125	1953/4	P	110 038	64	31A	246	1959/60	P	110 038	58
M.D.I. magneto						29C	147	1954/5	P	110 038	66	31A†	246	1960	P	110 038	60
Speedway	500	1952/8	M	110 037	50	30C	147	1953/5	P	110 038	66	32A	246	1959/60	P	110 038	58
B.T.H. type						31C	148	1957/60	P	110 038	58	32A†	246	1960	P	110 038	60
K.D.I. magneto						31CKF*	148	1957/60	P	110 038	58	33A	246	1959/60	P	110 038	58
VILLIERS						2L	173	1957/60	P	110 038	58	33A†	246	1960	P	110 038	60
3K	50	1959/62	P	110 037	44	3L	173	1960/2	P	110 038	58	34A	246	1960	P	110 038	58
			PC	110 037	26	6E	197	1952	P	110 044	50	34A†	246	1960	P	110 038	60
3K/1	50	1959/62	P	110 037	44	6E Comp.	197	1952	P	110 044	50	35A	246	1961/2	P	110 038	58
			PC	110 037	26	7E	197	1952/5	P	110 038	66	2T (Twin)	249	1957/60	P	110 038	60
1F	98	1952	P	110 037	56	8E	197	1952/5	P	110 038	66	3T (Twin)	324	1957/60	P	110 038	60
2F	98	1952/5	P	110 037	54	9E	197	1956/60	P	110 038	58	3T (Twin)	324	1957/60	P	110 038	60
3F	98	1952/5	P	110 037	54							3T (Twin)†	324	1957/60	P	110 038	62
4F	98	1952/5	P	110 037	56												

P — Primary M — Magneto * — Fan cooled † — Units having 25T engine pinions use this engine

RENOLD Replacement Chains for British, Continental and Overseas Machines

Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches
A.C. PETITE—Great Britain						A.J.S.—continued						A.J.S.—continued					
—	346	1953/5	R	110 056	52	16CS	350	1959	P	110 046	66	31CS	650	1959/62	P	110 046	67
—	353	1955/7	R	110 056	50				R	110 056	97				R	110 056	97
ADLER—Germany									M	110 038	46	31CSR	650	1959/60	P	110 046	68
M100	98	1952/7	R	112 046	105	16M	350	1952/5	D	110 038	50				R	110 056	98
MR100	98	1955/7	R	112 046	95				P	110 046	66	31CSR	650	1961/2	P	110 046	68
M150 MB150	148	1952/5	R	110 046	93	16MC	350	1952/5	R	110 056	94				R	110 056	97
M200, MB200	195	1952/6	R	110 046	93				M	110 038	46						
MB201, M2011	199	1954/6	R	110 046	93	16MC	350	1952/5	D	110 038	49						
M250 up to No. 208 946	247	1952/3	R	110 046	94				P	110 046	65						
M250 from No. 208 947	247	1954/6	R	110 054	76	16MC	350	1956	R	110 056	97						
MB 250 Solo									M	110 038	46						
M250 Sidecar from No. 208 947	247	1954/6	R	110 054	75	16MC	350	1957/8	D	110 038	49						
MB250 Sidecar									P	110 046	64						
Favorit, Solo	247	1958	R	110 054	86	16MCS	350	1952/5	R	110 056	98						
Favorit, Sidecar	247	1958	R	110 054	87				M	110 038	46	Furgone CF	48	1954	R	110 038	100
Sprinter, Solo	247	1958	R	110 054	87	16MS	350	1952/6	D	110 038	49	—	48	1954	C	110 038	48
Sprinter, Sidecar	247	1958	R	110 054	88				P	110 046	66	E	48	1956	R	110 037	25
Sixdays	247	—	R	110 054	88	16MS	350	1957/8	R	110 056	97	Roma	48	1956	R	†111 046	99
Moto Cross	247	—	R	110 054	104				M	110 038	46	Indo CF	—	1954	PC	*111 044	78
AER-MACCHI—Italy						16MCS	350	1952/5	D	110 038	50	F48	—	1954	R	†111 046	90/94
—	125	—	R	110 044	74				P	110 046	65	Furgone ST	60	1954	R	110 038	100
Zefiro	125	—	R	110 044	72	18S	350	1962	R	110 056	98	—	75	1954/6	R	110 044	115
Zefiro	150	—	R	110 044	108/110	18	500	1952/5	P	110 046	67	—	98	1956/7	P	114 038	52
Ala Bianca	175	—	R	110 046	102				R	110 056	94	14	125	1954	R	110 044	109
Ala Rossa	175	—	R	110 046	102	18	500	1959/62	M	110 038	46	19	125	1954	R	110 044	111
Ala Azzurra	250	—	R	110 046	102				D	110 038	49	Sport	125	1954	R	110 044	112
Ala Verde	250	—	R	110 046	102	18C	500	1952/5	P	110 046	66	TV4T	175	1956/7	R	110 046	114
Chimera	250	—	R	110 046	110				R	110 056	98	Amisa-motocarro	—	1957/8	R	112 045	102
A.J.S.—Great Britain						18CS	500	1952/5	P	110 046	66	A.M.S.—Spain					
14	250	1959/61	P	110 038	73				R	110 056	90	2 Stroke	125	1955/62	P	110 038	64
			R	110 046	125	18CS	500	1952/5	M	110 038	46				R	110 044	112
14	250	1962	P	114 038	72				D	110 038	49				or	110 046	112
			R	110 046	125	18CS	500	1956	P	110 046	65	Scooter Brisa	125	1958/60	P	110 038	64
14CS	250	1960/1	P	110 044	55				R	110 056	97				R	110 044	83
			R	110 046	130	18CS	500	1957/60	M	110 038	46				or	110 046	83
14CS	250	1962	P	114 038	72				D	110 038	49	2 Stroke	197	1955/62	P	110 038	66
			R	110 046	124	18CS	500	1957/60	P	110 046	67				R	110 044	112
14S	250	1962	P	114 038	72				R	110 056	97						
			R	110 046	123	18CS	500	1961/2	M	110 038	46						
14CSR	250	1962	P	114 038	72				D	110 038	50						
			R	110 046	133	18CS	500	1952/6	P	110 046	67	Popular and Embassy	197	1952/3	P	110 044	108
7R	350	1952	P	110 046	64				R	110 056	98	with 8E engine	197	1953	P	110 038	66
			R	110 054	110	18S	500	1952/6	R	110 056	98				R	110 044	108
			C	110 038	82				M	110 038	46	Popular and Embassy	197	1954/5	P	110 038	66
7R	350	1953/7	P	110 046	72				D	110 038	49				R	110 044	110
			R	110 054	110	18S	500	1957/8	P	110 046	68	Supreme	197	1952/3	P	110 044	50
			C	110 038	82				R	110 056	98				R	110 044	110
7R	350	1958/9	P	110 046	72				M	110 038	46	with 8E engine	197	1953	P	110 038	66
			R	110 056	108	18S	500	1957/8	D	110 038	50				R	110 044	110
			C	110 038	82				P	110 046	66	Envoy	197	1955/6	P	110 038	66
7R	350	1960/2	P	110 046	72	20	500	1952/6	R	110 056	96				R	110 044	116
			R	110 056	110				P	110 046	67	Envoy	197	1957/8	P	110 038	58
			C	110 038	82	20	500	1957/61	R	110 056	97				R	110 046	121
8	350	1960/2	P	114 038	72				P	110 046	66	Three Star Special	197	1959/61	P	110 038	58
			R	110 046	123	30	600	1956	R	110 056	96				R	110 046	121
16	350	1959/62	P	110 046	67				P	110 046	68	Supreme	225	1954/5	P	110 038	66
			R	110 056	98	30CS, 30CSR	600	1957/8	R	110 056	97				R	110 046	120
16C	350	1959/62	P	110 046	66	31 and 31DL	650	1959/62	P	110 046	68	Supreme	250	1957/8	P	110 038	60
			R	110 056	94				R	110 056	97				R	110 046	121
			M	110 038	46												
			D	110 038	50												

P — Primary R — Rear C — Camshaft PC — Pedalling Chain M — Magneto D — Dynamo * — or chain 111 048 † — or chain 111 049

Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches
AMBASSADOR—continued						ARIEL—continued						AVAROS—continued					
Super S	250	1959/61	P	110 038	60	VB	600	1956/9	P	110 046	71/73	Super 8 III	49	1959/60	R	112 045	98
			R	110 046	121				R	110 056	100	Kingline	49	1959/60	R	112 045	98
Electra 75	250	1961	P	110 038	60				MD	*111 044	35	Mondial	49	1961/2	R	112 045	98
			R	110 046	121	FH	650	1954/5	P	110 046	72/73	Primus	49	1961/2	R	112 045	98
AMSTEL—Holland									R	110 056	100	Ultra Sport	49	1961/2	R	112 045	98
707 — 3V	49	1961/2	R	112 045	108				D	110 500	72	Monomatic	49	1962	R	112 045	90
606 — 2V	49	1961/2	R	112 045	108	FH	650	1956/9	P	110 046	73/74	Monomatic Lux	49	1962	R	112 045	90
500 — 2V	49	1961/2	R	112 045	108				R	110 056	100	Kingline Lux	49	1961/2	R	112 045	98
ANKER (PAMAG)—Germany									D	110 500	52	Imperial Scooter	75	1961	R	112 046	98
B8 Moped Solo	50	—	R	112 045	100	4G Mk. I	1000	1952	P	110 046	71/72	A.W.D.—Germany					
B9 Moped Touring	50	—	R	112 045	100				R	110 056	91	S2 100	—	—	R	110 044	124
B10 Moped Sport	50	—	R	112 045	96	4G Mk. II	1000	1953/5	P	110 046	72/73	150-175 Sachs	—	—	R	110 046	118
K9 Light Motorcycle	50	1960	R	112 045	100				R	110 056	67	175, 4 gear	—	—	R	110 046	124
K10 Light Motorcycle Sport,	50	1960	R	112 045	100	4G Mk. II	1000	1957/9	P	110 046	71/72	200	—	—	R	110 046	124
ARIEL—Great Britain									R	110 056	91/92	250-252	—	—	R	110 046	114
LH Colt	200	1954/9	P	110 046	70				D	114 500	80	BARTALI—Italy					
			R	110 044	109	ASTORIA—Italy						—	—	1957	C	110 038	46
Leader	250	1958/62	P	110 038	70	—	125	1954	R	112 045	110	BATAVUS—Holland					
			R	110 046	113					112 045	112	FP50 Bilonet	49	1955/61	R	112 045	114
Arrow	250	1960/2	P	110 038	70	Gran Sport	150	1953	R	110 044	110				PC	*111 044	92
			R	110 046	113	—	150	1953	R	110 044	112	G50 Bilonet	49	1955/8	R	112 045	88
SS Arrow	250	1961/2	P	110 038	70	4T	175	1954	R	110 044	112	G50 Transport	49	1960	R	112 045	94
			R	110 046	113	ASTRA—Great Britain						G50 Tourist	49	1960/2	R	112 045	94
NH	350	1952/3	P	110 046	80/81	—	322	1957	P	114 038	70	G50 Combi Sport	49	1960/2	R	112 045	94
			R	110 056	95	ATOM WAGONETTE (Fairthorpe Atom)						G50 Super Sport	49	1960/2	R	112 045	94
			MD	*111 044	35	Great Britain						G50 Transport	49	1961/2	R	112 045	102
NH	350	1954/9	P	110 046	72	Mark IE	250	1957/8	P	110 046	69	G50 Wippet	49	1962	R	112 045	94
			R	110 056	100	Mark 11A	322	1957/8	P	114 038	70	G50 Conforte	49	1962	R	112 045	94
			MD	*111 044	35	Mark IIIIE	650	1957/8	P	110 046	68/69	G50 Bromcarrier	49	1959/62	R	112 045	106
HT3	350	1957/9	P	110 046	68/70	Atomata			D	110 500	52	J.L.O. Motor	60	1955	PC	112 045	114
			R	110 056	100	AUTOMOTO—France									R	112 045	116
			M	*111 044	35	CEFO	49	1955	R	112 045	108	Cycle Carrier F60/FM48	60/48	1955/8	PC	112 045	114
VG and VH	500	1952/3	P	110 046	80/81	P	—	—	PC	*111 044	106	F60/FM48	60/48	1959/62	PC	112 045	116
			R	110 056	95	CSE	49	1955	R	112 045	108				R	112 045	128
			MD	*111 044	35				PC	*111 044	106	Sachs Motor	98	1955/8	PC	112 045	114
VH	500	1954/5	P	110 046	72/74	CEFT	49	1955	R	112 045	108				R	112 046	116
			R	110 056	100	CEGL	49	1955	R	112 045	108	Sachs 100	100	1960/2	R	110 046	120
			MD	*111 044	35				PC	*111 044	106	J.L.O. Motor	120	1955/8	PC	112 045	114
VH	500	1956/9	P	110 046	71/73	100 VML	98	1955	R	110 044	114				R	112 046	116
			R	110 056	100	100 VMLS	98	1955	R	110 044	114	J.L.O. Motor	145	1955/8	P	110 046	62
			MD	*111 044	35	AUTO-VAP—Great Britain									R	110 056	114
KG and KH	500	1952/3	P	110 046	80/81	Caravelle	48	1960	PC	*111 044	95	J.L.O. Motor	250	1955/8	R	110 056	116
			R	110 056	95	De-Luxe			R	112 045	104	BENELLI—Italy					
			C	114 500	72	AVADA—Holland						2T Export	49	—	R	112 045	101
KH	500	1954/7	P	110 046	72/73	Super Solo	49	1955	R	112 045	114	2T Cicloscooter	49	—	R	112 045	101
			R	110 056	100	Super Duo	49	1955	R	112 045	142	Letizia	98	1952	R	110 044	116
			M	114 500	72	Super 2 Speed	49	1955	R	112 045	104	Leoncino Normal	125	1952	R	110 044	115
KHA	500	1953	P	110 046	80/81	Super Comfort	49	1955/9	R	112 045	106	Leoncino Sport	125	1952	R	110 044	114
			R	110 056	95	Rambler	49	1957/60	R	112 045	100	—	125	—	R	110 044	110
			C	114 500	72	Super Sport	49	1960	R	112 045	104	Motocarro	—	1954	R	114 046	43
VCH, VHA	500	1953	P	110 046	80/81	Super Solo E1	49	1959/60	R	112 045	104	—	150	—	R	110 044	115
			R	110 056	95	Royal	49	1962	R	112 045	102	—	175	—	R	114 046	111
			MD	*111 044	35	Super Sport	49	1961/2	R	112 045	98	Leonessa	250	1957	R	110 054	96
HS Scrambler	500	1954/5	P	110 046	72	Super Sport	49	1961/2	R	112 045	104	Leonessa	500	1957	R	110 056	102
			R	110 056	100	2 Speed - 3 Speed						Motocarrobli	—	1957	R	110 046	80
			M	*111 044	35	Solo De-Luxe	49	1961/2	R	112 045	102					or 110 066	
HS Mk. I	500	1956/9	P	110 046	73	AVAROS—Holland						BERINI—Holland					
			R	110 056	100	Berceau	49	1952/8	R	112 045	138	M13	32	1952/60	PC	*111 044	112
			M	*111 044	35	Coldecygne	49	1952/8	R	112 045	138	M19	32	1952/5	PC	*111 044	112
HT Trials	500	1955	P	110 046	79	Coldecygne	49	1952/8	R	112 045	134	M23 Standaard	32	1959/60	PC	*111 044	94
			R	110 056	89	2 Speed Gearbox						M23 Luxe	32	1959/60	PC	*111 044	109
			M	*111 044	35	Superia Super	49	1957	R	112 045	104				PC	*111 044	102
HT5	500	1956/9	P	110 046	71/73	Super	49	1958	R	112 045	108	M21 Twinseat	49	1954/5	PC	*111 044	90
			R	110 056	100	Sport 8	49	1959/60	R	112 045	98	M21 Standaard	49	1954/62	R	112 045	112
			M	*111 044	35												
VB Rigid and Spring Frame	600	1952/5	P	110 046	80/81												
			R	110 056	95												
			MD	*111 044	35												
VB-PRF Frame	600	1955	P	110 046	72/73												
			R	110 056	100												
			MD	*111 044	35												

P — Primary R — Rear C — Camshaft PC — Pedalling Chain M — Magneto D — Dynamo MD — Magneto-Dynamo * — or chain 111 048

Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches
BERINI—continued						B.M.—continued						B.S.A.—continued					
M21 Luxe	49	1956/62	R	112 045	109	2T Scugnizzo Sport	48	—	R	†111 046	109	C11G Spring Frame	249	1954/5	P	110 046	69
M21 Super Luxe	49	1956/62	R	112 045	121	2T Fortunello	70	—	R	112 045	100	C10L Plunger	249	1956/7	P	110 046	69
M36 Tour	49	1959/62	R	112 045	112	2T Brighella	75	—	R	112 045	103	C12 Swinging Arm	249	1956/8	P	110 046	70
M36 Sport	49	1959/62	R	112 045	112	2T Minotauro Scooter	75	—	R	112 045	103	C15 Swinging Arm	249	1958/62	P	114 038	70
M35 Tour	49	1959/62	R	112 045	112	4T Soriano	83	—	R	112 045	105	C15 Swinging Arm	249	1959/62	P	114 038	70
M35 Sport	49	1959/62	R	112 045	112	4T Giaguaro	125	—	R	110 044	108	C15 Trials and Scrambles Swinging Arm	249	1959/62	P	114 038	70
BERKELEY—Great Britain						2T Ariston	125	—	R	110 044	111						
Lightweight Sports	322	1957	P	114 038	70	4T Matador	175	—	R	110 046	112						
Lightweight Sports	328	1958	P	114 038	70												
T60	328	1959/60	P	114 038	70												
Lightweight Sports	492	1958/9	P	114 038	70												
B95 and B105	692	1959	P	114 038	94												
			CI	110 500	40												
			C	110 038	66												
BERNEG—Italy						BOND—Great Britain											
—	125	1954	P	110 038	70	P1 and P3	150	1959/60	P	110 038	58	C15 Trials Special Swinging Arm	249	1962	P	114 038	68
			R	110 046	124	Minicar Mark B	197	1952	P	110 044	50				R	110 046	123
2T	125	1957	C	110 038	84	with 8E engine	197	1952	P	110 038	66	C15 Scrambles Special Swinging Arm	249	1962	P	114 038	68
—	150	1958	C	114 500	76	Minicar Mark C	197	1953	P	110 044	50				R	110 046	123
BETA—Italy						with 8E engine	197	1953	P	110 038	66	C15 Sport Star SS80 Swinging Arm	249	1961/2	P	114 038	70
—	125	—	R	110 044	106	Minicar Mark C 8E engine	197	1954/5	P	110 038	66				R	110 046	112
Urano	175	1957	P	110 038	44	Minicar Mark D	197	1956/8	P	110 038	58	C15 Trials and Scrambles Swinging Arm	249	1962	P	114 038	68
			R	110 044	108	Minicar Mark E	197	1958	P	110 038	58						
			or	112 045		P2 and P4	197	1959/60	P	110 038	58						
Titano	175	1957	R	110 046	114	Minicar Mark F	250	1959/61	P	110 038	58	B40 Swinging Arm	343	1961/2	P	114 038	70
TV2	175	1957	C	110 038	46	Minicar Mark F Ranger	250	1961/2	P	110 038	58				R	110 046	116
SV2T	175	1957	R	110 046	112	Minicar Mark G	250	1961/2	P	110 038	58	B40 SS90 Swinging Arm	343	1962	P	114 038	70
BIANCHI—Italy									FW	110 046	96				R	110 046	116
Rapallo and Amalfi	48	—	R	*111 044	97/107				FW	110 046	108	B31 Rigid Frame	348	1952/4	P	110 046	69
Falco	50	—	R	112 045	96/99										R	110 054	93
Turchino	55	—	R	112 045	97							B31 Spring Frame	348	1952/5	P	110 046	69
Gardena	75	—	R	112 045	97										R	110 054	96
Scooter	80	—	R	110 044	80							B31 Swinging Arm	348	1954/7	P	110 046	67
Bernina	125	—	R	110 044	119										R	110 054	98
Mendola	125	1953	R	110 044	109							B31 Solo Swinging Arm	348	1958/9	P	110 046	67
Tonale	175	1953/4	R	110 044	121/122										R	110 056	98
Cervino	175	1953/4	R	110 044	119							B31 Sidecar Swinging Arm	348	1958/9	P	110 046	67
Pordoi	175	1954	R	110 044	119										R	110 056	97
Tonale	175	1956	C	110 038	62							B32 Rigid Frame	348	1952/4	P	110 046	68
			R	110 044	121/122										R	110 054	91
Aquilotto	—	1955	PC	*111 044	110							B32 Rigid Frame	348	1955	P	110 046	67
Sparviero	175	—	R	112 045	94										R	110 054	91
—	250	1956	R	110 046	123							B32 Spring Frame	348	1952/4	P	110 046	68
Stelvio	250	1958	C	110 046	60										R	110 054	95
Military	500	1956	C	114 038	82							B32 Gold Star Rigid Frame	348	1952	P	110 046	69
BISCUTER—Spain															R	110 054	92
Light cars all models	197	1953/60	P	110 038	66							B32 Gold Star Spring Frame	348	1952	P	110 046	69
			R	110 044	58										R	110 054	96
BITRI—Holland												B32 Gold Star Swinging Arm	348	1953/7	P	110 046	67
Scooter JLO	150	1955/8	R	112 046	82										R	110 054	97
Scooter Rotax	150	1956/8	R	110 046	82							B32 Gold Star Swinging Arm	348	1958/62	P	110 046	70
150—4KS	150	1958/62	R	110 046	82										R	110 056	99
150—4ES	150	1958/62	R	110 046	82							M20 Solo Rigid Frame	496	1952/5	P	110 046	69
Scooter Sachs	200	1956/8	R	110 046	86										R	110 054	95
200 c.c.	200	1957/62	R	110 046	84							M20 Sidecar Rigid Frame	496	1952/5	P	110 046	68
B.M.—Italy															R	110 054	95
2T Diana	48	—	R	†111 046	96							M20 Solo Spring Frame	496	1952/5	P	110 046	69
2T Biemmino	48	—	R	†111 046	96										R	110 054	97
2T Colombina	48	—	R	†111 046	109							M20 Sidecar Spring Frame	496	1952/5	P	110 046	68
2T Scugnizzo	48	—	R	†111 046	108										R	110 054	97
												A7 Twin Rigid Frame Solo	497	1952	P	114 038	80
															R	110 056	102
															D	110 500	52
												A7 Twin Rigid Frame Sidecar	497	1952	P	114 038	80
															R	110 056	103
															D	110 500	52

P — Primary R — Rear C — Camshaft PC — Pedalling Chain D — Dynamo FW — Front Wheel * — or chain 111 048
CI — Coil Ignition TRP — Teeth on rear pinion TEP — Teeth on engine pinion

Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches
B.S.A.—continued						B.S.A.—continued						BULTACO—continued					
A7 Twin	497	1952/4	P	114 038	80	M21 Solo	591	1960/1	P	110 046	70	Mercurio	125	1960/2	R	110 046	124
Spring Frame			R	110 056	102	Spring Frame			R	110 054	98	Metralia	200	1962	R	110 046	130
Solo			D	110 500	52	M21 Sidecar	591	1952/9	P	110 046	68	BURGERS—Holland					
A7 Twin	497	1952/4	P	114 038	80	Spring Frame			R	110 054	97	B36	48	1962	R	112 045	105
Spring Frame			R	110 056	104	M21 Sidecar	591	1960/1	P	110 046	68	CAPRIOLO—Italy					
Sidecar			D	110 500	52	Spring Frame			R	110 054	98	—	75	1954	R	112 045	123/124
A7 Twin	497	1954/9	P	110 046	68	A10 Twin	646	1952	P	114 038	80	—	125	1959	R	110 044	120
Swinging Arm			R	110 056	98	Rigid Frame			R	110 056	100	4T	150	1957	R	110 044	117
			D	110 500	52	Solo			D	110 500	52	Microcar	—	1957	R	110 046	180
A7 Twin	497	1960/1	P	110 046	67	A10 Twin	646	1952/8	P	114 038	80	CAZENAVE—France					
Swinging Arm			R	110 056	98	Rigid Frame			R	110 056	103	Vap A.B.G.	48	1954	R	112 045	113
Solo			D	110 500	52	Sidecar			D	110 500	52	PC			PC	*111 044	92
A7 Twin	497	1954/9	P	110 046	68	A10 Twin	646	1952/8	P	114 038	80	Vap 55	48	1955	R	112 045	114
Shooting Star			R	110 056	98	Spring Frame			R	110 056	100	600	98	1955	R	112 045	114
Swinging Arm			D	110 500	52	Solo			D	110 500	52	Belina	98	1955	R	112 045	106
A7 Twin	497	1960/1	P	110 046	67	A10 Twin	646	1952/8	P	114 038	80	CECCATO—Italy					
Shooting Star			R	110 056	98	Spring Frame			R	110 056	104	—	75	—	R	112 045	120
Swinging Arm			D	110 500	52	Sidecar			D	110 500	52	—	98	—	R	112 045	120
Solo			D	110 500	52	A10 Twin	646	1954/5	P	110 046	68	2T — S	100	—	R	112 046	112
A7 Twin	497	1956/9	P	110 046	68	Swinging Arm			R	110 056	98	2T — E	100	—	R	112 046	110
Swinging Arm			R	110 056	97	Solo			D	110 500	52	2T — TV	100	—	R	112 046	116
Sidecar			D	110 500	52	A10 Twin	646	1956/9	P	110 046	68	4T — GT	125	—	R	110 044	111
A7 Twin	497	1956/9	P	110 046	68	Swinging Arm			R	110 056	98	4T — GT	150	—	R	110 044	111
Shooting Star			R	110 056	97	Solo			D	110 500	52	CIMATTI—Italy					
Swinging Arm			D	110 500	52	A10 Twin	646	1960/1	P	110 046	69	Turismo 2/m	48	—	R	†111 046	103
Sidecar			D	110 500	52	Swinging Arm			R	110 056	97	Turismo 3/m-49	48	—	R	†111 046	98
A7 Twin	497	1960/1	P	110 046	67	Solo			D	110 500	52	S.S.	48	—	R	†111 046	102
Shooting Star			R	110 056	97	A10 Twin	646	1956/7	P	110 046	68	S.T.	48	—	R	†111 046	99
Swinging Arm			D	110 500	52	Road Rocket			R	110 056	98	Sprint	48	—	R	†111 046	101
Sidecar			D	110 500	52	Swinging Arm			D	110 500	52	S.S.	49	—	R	†111 046	105
A7 Twin	497	1960/1	P	110 046	67	Sidecar			D	110 500	52	Motocarrino	49	—	R	112 045	83/101
Shooting Star			R	110 056	97	A10 Twin	646	1958/9	P	110 046	69	—	125	1954/5	R	110 044	112
Swinging Arm			D	110 500	52	Super Rocket			R	110 056	98	4T	160	1958/9	R	110 046	113
Sidecar			D	110 500	52	Swinging Arm			D	110 500	52	4T	175	1958/9	R	110 046	118
B33	499	1952/4	P	110 046	70	Solo			D	110 500	52	CLUA—Spain					
Rigid Frame			R	110 054	93	A10 Twin	646	1956/7	P	110 046	69	2 Stroke	125	1953	P	110 038	54
B33	499	1952/5	P	110 046	70	Road Rocket			R	110 056	98	R			R	110 044	108
Spring Frame			R	110 054	96	Swinging Arm			D	110 500	52	C.M.—Italy					
B33 Solo	499	1954/7	P	110 046	68	Solo			D	110 500	52	—	49	1956	R	†111 046	107
Swinging Arm			R	110 054	98	A10 Twin	646	1960/2	P	110 046	67	2T	125	1953	R	110 044	112
B33 Solo	499	1958/9	P	110 046	68	Super Rocket			R	110 056	98	—	125	1952	R	110 044	112
Swinging Arm			R	110 056	98	Swinging Arm			D	110 500	52	—	160	1952	R	110 044	112
B33 Solo	499	1960	P	110 046	68	Sidecar			D	110 500	52	Sport	175	1954	R	110 046	118
Swinging Arm			R	110 056	97	A10 Twin	646	1958/9	P	110 046	68	—	175	1954	R	110 044	114
B33 Sidecar	499	1958/60	P	110 046	67	Super Rocket			R	110 056	98	—	250	1952	R	110 046	118/120
Swinging Arm			R	110 056	98	Swinging Arm			D	110 500	52	COMET—Italy					
B34	499	1952/4	P	110 046	70	Solo			D	110 500	52	2T	125	1959	R	110 046	124
Rigid Frame			R	110 054	91	A10 Twin	646	1960/2	P	110 046	67	C			C	110 038	84
B34	499	1955/7	P	110 046	69	Super Rocket			R	110 056	98	COFERSA—Spain					
Rigid Frame			R	110 054	91	Swinging Arm			D	110 500	52	—	125	1954/60	P	110 038	64
B34	499	1952/4	P	110 046	70	Sidecar			D	110 500	52	—	197	1954/60	P	110 044	108
Spring Frame			R	110 054	95	A10 Twin	646	1958/9	P	110 046	68	—			R	110 038	66
B34 Gold Star	499	1952	P	110 046	70	Super Rocket			R	110 056	98				R	110 046	122
Rigid Frame			R	110 054	92	Swinging Arm			D	110 500	52	CONDOR—Switzerland					
B34 Gold Star	499	1952	P	110 046	70	Sidecar			D	110 500	52	Vélocoteur	32	1952/3	R	*111 044	106
Spring Frame			R	110 054	96	A10 Twin	646	1962	P	110 046	70	2 Str Berini			R	*111 044	104
B34 Gold Star	499	1953/7	P	110 046	68	Super Rocket			R	110 056	99	Vélocoteur	49	1952/3	R	*111 044	104
Swinging Arm			R	110 054	97	Swinging Arm			D	110 500	52	2 Str. Poulain			PC	112 045	94
B34 Gold Star	499	1958/62	P	110 046	70	Solo			D	110 500	52	Vélocoteur	49	1955/8	PC	112 045	94
Swinging Arm			R	110 056	99	A65 Twin	654	1962	P	116 038	80	C 50 Condor-					
M33 Solo	499	1952/5	P	110 046	70	Swinging Arm			R	110 056	100	Puch					
Rigid Frame			R	110 054	95	Solo			D	110 500	52	COMET—Italy					
M33 Sidecar	499	1952/5	P	110 046	69	A65 Twin	654	1962	P	116 038	80	2T	125	1959	R	110 046	124
Rigid Frame			R	110 054	95	Swinging Arm			R	110 056	98	C			C	110 038	84
M33 Solo	499	1952/7	P	110 046	70	Sidecar			D	110 500	52	COFERSA—Spain					
Spring Frame			R	110 054	97	A10 Twin	646	1958/9	P	110 046	68	—	125	1954/60	P	110 038	64
M33 Sidecar	499	1952/7	P	110 046	69	Super Rocket			R	110 056	98	—	197	1954/60	P	110 044	108
Spring Frame			R	110 054	97	Swinging Arm			D	110 500	52	—			R	110 038	66
M33 Solo	499	1956/7	P	110 046	69	Solo			D	110 500	52				R	110 046	122
Rigid Frame			R	110 054	97	A50 Twin, Solo	499	1962	P	116 038	80	CONDOR—Switzerland					
M33 Sidecar	499	1956/7	P	110 046	69	Swinging Arm			R	110 056	98	Vélocoteur	32	1952/3	R	*111 044	106
Rigid Frame			R	110 054	97	Solo			D	110 500	52	2 Str Berini			R	*111 044	104
A50 Twin, Solo	499	1962	P	116 038	80	M21 Sidecar	591	1952/8	P	110 046	68	Vélocoteur	49	1952/3	R	*111 044	104
Swinging Arm			R	110 056	98	Rigid Frame			R	110 054	95	2 Str. Poulain			PC	112 045	94
M21 Sidecar	591	1952/8	P	110 046	68	M21 Solo	591	1952/8	P	110 046	70	Vélocoteur	49	1955/8	PC	112 045	94
Rigid Frame			R	110 054	95	Rigid Frame			R	110 054	95	C 50 Condor-					
M21 Solo	591	1952/8	P	110 046	70	Spring Frame			D								

Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches
CONDOR—continued						CYRUS—continued						D.K.R.—Great Britain					
Vélo-moteur-Scooter	49	1959	PC	110 044	104	F75 Sport 2V—3V	47	1959/62	R	112 045	94/102	Capella Mk. I	150	1962	R	112 045	93
CS 50 Condor-Puch						Francy 2V—3V	47	1959/62	R	112 045	98/106	Capella Std.	175	1962	R	112 045	93
Condorette 2 Str.	125	1952/3	P	110 038	58	Transport	47	1959/62	R	112 045	96	Capella De-Luxe	175	1962	R	112 045	93
			R	110 044	114	Blue Star 2V—3V	47	1961/2	R	112 045	100/108	Capella 200	200	1962	R	112 045	94
Scooter Condor-Puch	125	1953/8	R	110 044	94	Carrier	48	1959/62	R	112 045	114	D.K.W.—Germany					
Scooter Condor-Puch	150	1958	R	110 044	94	Populair Sachs engine	48	1959/62	R	112 045	100	101 Hummel	50	—	R	112 045	102
Sport 2 Str.	197	1952/5	P	110 044	50	Populair Sport	48	1959/62	R	112 045	100	102 Hummel Super	50	—	R	112 045	104
			R	110 044	113	Saxonette	48	1961/2	R	112 045	98	116 Hummel Super	50	1960	R	112 045	104
Racer 2 Str.	348	1952/5	P	110 038	54	Super Saxonette	48	1961/2	R	112 045	98	113 Hummel Standard	50	1960	R	112 045	104
			R	110 046	94	Zündapp engine	49	1953/8	R	112 045	121	Hummel	50	—	R	112 045	102
Condor A680 4 Str.	680	1952/5	P	110 038	100	Zündapp 2 Speed engine	49	1955/8	R	112 045	116	Hobby	75	—	R	112 045	100
			D	110 056	99							RT100	—	—	R	112 045	108
				110 038	58							RT125, RT125W	—	—	R	110 044	108
COTTON—Great Britain						DAVID—Spain						RT175	—	—	R	110 046	122
Vulcan Sports 4S	197	—	P	110 038	58	Tricar	350	1955/60	R	110 056	68	RT175S	—	—	R	110 046	118
			R	110 046	121							RT175VS	—	—	R	110 046	118
Vulcan Road 3S	197	—	P	110 038	58	DAYTON—Great Britain						KM200	—	—	R	110 046	122
			R	110 046	121	Flamenco	173	1959/60	P	110 038	58	SB200	—	—	R	110 046	122
Vulcan Sports 3S	197	—	P	110 038	58							SB300	—	—	R	110 046	122
			R	110 046	121	Albatross	224	1955/7	P	110 038	60	RT200	—	—	R	110 046	122
Trials	197	—	P	110 038	58							RT200/2	—	—	R	110 046	122
			R	110 046	125	Albatross Single	250	1958/9	P	110 038	60	RT200SU.VS	—	—	R	110 046	118
Continental	250	—	P	110 038	60							NZ250 bis	—	—	R	110 046	124
			R	110 046	121	Albatross Twin	250	1958	P	110 038	60	RT250SU.VS	—	—	R	110 046	124
Double Gloucester	250	—	P	110 038	60							NZ350	—	—	R	110 054	122
			R	110 046	121	Albatross Scooter Twin	250	1959/60	P	110 038	60	RT350S	—	—	R	110 054	108
Scrambler	250	—	P	110 038	58							NZ500	—	—	R	110 056	104
			R	110 046	125	D.E.M.M.—Italy						D.M.W.—Great Britain					
Trials	250	—	P	110 038	58	—	49	1956/7	R	112 045	92/110	Bambi Scooter with 4F or 6F engine	98	1956/60	P	110 037	56
			R	110 046	123	—	125	1954/5	R	110 044	122				R	111 046	92
Herald 2T	250	—	P	110 038	60	DELFIN—Spain						10D Standard	122	1952	P	110 038	64
			R	110 046	121	—	125	—	P	110 038	64				R	110 044	104
Corsair	250	—	P	110 038	58	—	197	—	P	110 038	66	10D De-Luxe	122	1952/3	P	110 038	64
			R	110 046	119	3 Wheeler Light Van	197	—	P	110 038	66				R	110 044	104
Cougar	250	—	P	110 038	58							10D Competition Rigid and 10D Competition Springer	122	1952/3	P	110 038	64
			R	110 046	125	DERBI—Spain									R	110 044	109
Messenger 3T	325	—	P	110 038	62	—	49	—	P	110 038	38	Coronation	122	1953	P	110 038	64
			R	110 046	121	—	65	—	P	110 038	38				R	110 044	104
CREMSA—Spain						—	74	—	P	110 038	44	Leda with 29C engine	150	1955	P	110 038	66
Motocarro Pato	125	1952/60	P	110 038	64	—	98	—	P	110 038	43				R	110 044	120
			R	110 046	102	—	98	—	P	110 038	43	175P MK.9 with 2L engine	173	1957	P	110 038	58
Motocarro Rata	197	1956/62	P	110 038	66	—	98	—	P	110 038	43				R	110 046	124
			R	110 046	62	Motocarro	98	—	P	110 038	43	175 with AMC engine	175	1954/5	R	110 044	122
Motocarro Toro	197	1959/62	P	110 038	66	—	125	—	P	110 038	44	6E Standard	197	1952/3	P	110 044	50
			R	110 046	66	T	250	—	P	110 046	44				R	110 044	107
Trailer Rata, Toro	197	1959/62	P	110 038	66	S	250	—	P	110 046	44	with 8E engine	197	1953	P	110 038	66
			R	110 046	66	Motocarro	250	—	P	110 046	44				R	110 044	107
CYC-AUTO—Great Britain						—	350	—	P	110 046	122	with 8E engine	197	1953	P	110 038	66
Superior, Carrier and Lightweight	98	1952/7	R	111 046	112	—	350	—	P	110 046	57	6E Competition Rigid and 6E Competition Springer	197	1952/3	P	110 044	50
			PC	111 044	113	—	350	—	P	110 046	99				R	110 044	111
CYCLEMASTER—Great Britain						DEVIL—Italy						200P MK.1 with 8E engine	197	1954/7	P	110 038	66
—	25.7	1952	1st	110 037	44	Raid	125	1954/5	R	110 044	110/112				R	110 044	122
			2nd	110 037	68	—	125	1954/5	R	110 044	114	Moto Cross with 7E engine	197	1954/5	P	110 038	66
—	32	1953/8	1st	110 037	44	DISSELHOF—Holland									R	110 044	‡
			2nd	110 037	68	Scooter	150	1955	R	112 046	88	200P MK.9 with 9E engine	197	1956/9	P	110 038	58
Cyclemate	32	1954/8	1st	110 037	44										R	110 046	124
			2nd	111 044	129												
CYRUS—Holland																	
Sachs engine	47	1953/8	PC	111 044	121												
			R	112 045	103												
Super 2V—3V	47	1959/62	R	112 045	100/108												
Speciaal 2V—3V	47	1959/62	R	112 045	100/108												
F75 2V—3V	47	1959/62	R	112 045	94/102												
Super Sport 2V—3V	47	1959/62	R	112 045	100/108												
Speciaal Sport 2V—3V	47	1959/62	R	112 045	100/108												

P—Primary R—Rear PC—Pedalling Chain D—Dynamo *—or chain 111 048 †—or chain 111 049 ‡ Dependent on number of teeth on sprocket used

Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches
D.M.W.—continued						DUCATI—continued						EXCELSIOR—continued					
MK.6 Moto Cross	197	1956/7	P	110 038	58	S	125	—	R	110 044	115	Courier C1/C2	147	1953/4	P	110 038	70
with 9E engine			R	110 046	123	Aurea—S. Svezia	125	—	R	110 044	120		R			†111 046	112
MK.7 Moto Cross	197	1956/7	P	110 038	58	Motocross	125	—	R	110 046	130	Courier C3/C4	147	1955/6	P	110 038	70
with 9E engine			R	110 046	123	America	175	—	R	110 046	117		R			†111 046	120
MK.8	197	1957/8	P	110 038	66	S—TS	175	—	R	110 046	119	Universal U8/U9R	147	1958/9	P	110 038	66
with 8E engine			R	110 044	121	SS	175	—	R	110 046	116		R			†111 046	122
Mark 9 De-Luxe	197	1960	P	110 038	58	Motocross	175	—	R	110 046	128	Universal U10	147	1960	P	110 038	58
			R	110 046	120	Muletto	175	—	C	110 056	70		R			†111 046	121
MK.10	249	1958/60	P	110 038	60	Elite—TS—SS	200	—	R	110 046	119	Monarch Scooter	147	1959/60	P	110 038	70
with 2T engine			R	110 046	123	Motocross	200	—	R	110 046	128		R			†111 046	91
Dolomite II	249	1957/60	P	110 038	60							Universal U12	150	1962	P	110 038	70
with 2T engine			R	110 046	124								R			†111 046	119
Cortina	225	1954/7	P	110 038	60	DÜRKOPP—Germany						Monarch Scooter	150	1962	P	110 038	70
with 1H engine			R	110 046	124	Dianette	48	—	R	112 045	98	MK12 and ME12			R	110 046	95
Dolomite with AMC engine	250	1954/5	R	110 046	124	Diana TS Roller	175	—	R	110 046	79	Roadmaster R1/R2	197	1952/3	P	110 044	50
Dolomite II De-Luxe with 2T engine	250	1960	P	110 038	60	Diana Scooter	194	1957/60	R	110 046	78	with 8E engine	197	1953/4	P	110 038	66
			R	110 046	121	ML100	—	—	R	112 046	113		R			†111 046	118
Dolomite IIA De-Luxe with 3T engine	324	1960	P	110 038	60	MD200	—	—	R	110 046	103/104	Roadmaster R3/R4	197	1954/5	P	110 038	66
			R	110 046	121								R			†111 046	121
DOT—Great Britain						ELAND—Holland						Roadmaster R5/R6	197	1955/6	P	110 038	66
Truck—3 Wheeler	197	1952	P	110 044	50	Junior	49	1955/8	PC	*111 044	110		R			†111 046	122
			R	110 044	125	Gasquy Standard	49	1955/8	R	112 045	110	Autocrat A9	197	1956/7	P	110 038	58
R and D	197	1952/3	P	110 044	50	Sachs	49	1955	R	112 045	108		R			†111 046	122
			R	110 044	117	Zündapp	49	1956/8	R	112 045	114	Roadmaster R10	197	1960	P	110 038	58
with 8E engine	197	1953	P	110 038	66	ELEKTRO-MASCHINENBAU—Germany							R			†111 046	121
			R	110 044	117	N175	173	1953/4	R	110 046	94	Talisman Twin TT1 and STT1	244	1952/4	P	114 038	70
S, SD, SC	197	1952	P	110 044	50	N and S200	197	1954/5	R	110 046	98		R			110 046	113
			R	110 044	121	Fuldambobil L & S	356	1952/4	P	110 046	58	Talisman Twin TT2, STT2 and SESTT2	244	1954/8	P	114 038	70
S, SD, SC	197	1952/3	P	110 044	50				R	110 056	78		R			110 046	121
			R	110 044	125	Fuldambobil N360	356	1954/5	R	110 056	78	Talisman Twin TT3/TT4	244	1955/8	P	114 038	70
SH, SDH, SCH	197	1953	P	110 044	50	S360	356	1954/5	R	110 056	76		R			110 046	119
			R	110 044	124	ELIG—Spain						Talisman Twin STT4/5	244	1956/7	P	114 038	70
with 8E engine	197	1953/5	P	110 038	68	—	125	1954/60	P	110 038	64		R			110 046	120
			R	110 044	121	—	197	1954/62	P	110 038	66	Talisman Twin TT5/6	244	1959/60	P	114 038	70
T, TD	197	1952	P	110 044	50				R	110 044	103		R			110 046	119
			R	110 044	121				R	110 046	113	Talisman Twin ETT8	250	1962	P	114 038	70
with 8E engine	197	1953	P	110 038	66	EMPO—Holland							R			110 046	119
			R	110 044	121	Supersport 2V—3V	47	1961/2	R	112 045	100/108	Talisman Twin S8	328	1958	P	114 038	70
T, TH, TDH	197	1953	P	110 044	50	Speedway 2V—3V	47	1961/2	R	112 045	100/108		R			110 046	120
			R	110 044	122	De-Luxe 2V—3V	47	1961/2	R	112 045	94/102	Talisman Twin S9	328	1959/60	P	114 038	70
TH, TDH, TH-X, TDH-X	197	1953/5	P	110 038	68	Toerist	48	1961/2	R	112 045	98		R			110 046	124
8E engine			R	110 044	117	EXCELSIOR—Great Britain						Talisman Twin ETT9	328	1962	P	114 038	70
TH, TDH, TDHX	197	1957/60	P	110 038	58	Autobik G2	98	1952/6	P	110 038	54		R			110 046	119
9E engine			R	110 046	115/123				R	112 045	122	EXPRESS—Germany					
SH, SDH, SCH	197	1957/60	P	110 038	58	Autobik S1 Mk. 2 engine	98	1952/6	PC	*111 044	92	Moped Radexi I and II	—	1952/4	PC	110 037	30
9E engine			R	110 046	115/123				P	110 038	54	113 Touring, Sport 48	—	1955	R	110 037	36
Mancunian	240	1957/8	P	110 038	58	Consort F4	98	1953/6	PC	*111 044	92		R	1960	R	112 045	104
			R	110 046	115/123				P	110 037	56	Radexi R2	48	—	R	112 045	98
Scrambler	247	1962	P	110 038	58	Consort F4S/F6S	98	1956/8	P	110 037	56		R	—	R	112 045	98
			R	110 044	†				R	112 045	114	Radexi R3	48	—	R	112 045	98
Side Valve	248	1952/3	P	110 038	68	Skutabik SB1	98	1957/9	P	110 037	56	Radex 101	97	1957	R	110 046	110
			R	110 044	121				R	112 045	114	Radex 102	97	1957	R	110 046	110
DOUGLAS—Great Britain						Consort CA 8/CA9, C10	98	1958/60	P	110 037	56	Radex 100M	98	1953	R	112 046	103
T35 Mk. 3	348	1952/3	R	110 046	116				R	112 045	112	Radex 153	146	1953	R	110 046	120
80 Plus	348	1952/3	R	110 054	96	Consort F4F/F10	98	1959/60	P	110 037	56	Radex 154	146	1954	R	110 046	120
90 Plus	348	1952/4	R	110 054	94				R	112 045	114	Radex 174S	173	1952	R	110 046	120
Dragonfly	348	1955/7	R	110 054	94	Consort F12	98	1962	P	110 037	56	Radex 175S	173	1954	R	110 046	120
DUCATI—Italy									R	112 045	114	Radex 176S	173	1953	R	110 046	120
—	55	—	R	112 045	106	Consort C12	98	1962	P	110 037	56	Radex 176	173	1952	R	110 046	114
T—TL—TS	65	—	R	112 045	112				R	112 045	112	Radex 200	197	1952	R	110 046	114
T—Bronco	85	—	R	110 044	125	Condex D12	125	1954	P	110 038	64	Radex 201	197	1954	R	110 046	120
S	85	—	R	110 044	122	Universal	125	1952	P	110 038	64	Radex 202	197	1953	R	110 046	120
U.S.A.	98	—	R	110 044	121				R	†111 046	115	Radex 252	244	1952	P	114 038	56
N—S—T—TL	98	—	R	110 044	121								R			110 046	116
TS—B Italia	98	—	R	110 044	122							Radex 253	244	1953	P	114 038	56
T	125	—	R	110 044	119								R			110 046	120
TV	125	—	R	110 044	118							Radex 255	244	1955	P	114 038	56
												Radex 250, 251	247	1952	R	110 046	116
													R			110 046	120

P—Primary R—Rear C—Camshaft PC—Pedalling Chain *—or chain 111 048 †—or chain 111 049
‡ Dependent on number of teeth on sprocket used

Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches
EYSINK v/h—Holland						F.M.R. (Messerschmitt)—Germany						FRANCIS BARNETT—continued					
Record M51	48	1961/2	R	112 045	108	Mokuli F35	48	—	R	112 045	94	Merlin 63	122	1953/4	P	110 038	64
Koerier	48	1961/2	R	112 045	108	KR175	—	—	R	110 046	86	Scrambler			R	110 044	121
Standard 1 Speed	49	1955/8	PC	*111 044	102	K Starter						Kestrel 66	122	1954	P	110 038	64
			R	112 045	124	KR175, Starter	—	—	R	110 046	90				R	110 044	116
Luxe 2 Speed	49	1955	R	112 045	102	Kabinenroller 3 Wheeler	—	1954/5	R	110 046	90	Kestrel 69	147	1955	P	110 038	66
Super Sport 2 Speed	49	1955	R	112 045	96										R	110 044	116
Toerist 1 Speed	49	1955	R	112 045	100	Mokuli 130	50	1954/62	R	112 045	93	Plover 73	147	1956/7	P	110 038	66
Tandem 1 Speed	49	1955	1st P	*111 044	96	Mokuli 200	50	1960/2	R	110 046	98				R	110 044	121
			2nd P	*111 044	102	Mokuli 200	50	1960/2	R	110 046	100	Plover 78	147	1957/9	P	110 038	66
			R	112 045	124	3 Gear									R	110 044	121
Kampioen EM50	50	1962	R	112 045	110	KR200	191	1955/62	R	110 046	70	Plover 86	149	1960/2	P	110 038	58
Record EM50	50	1962	R	112 045	110										R	110 044	118
Junior	98	1952/3	P	110 037	56	F.N.—Belgium						Fulmar 88	149	1962	P	110 038	58
			R	112 045	106	Vélocoteur R.N. Standard	49	—	P	110 038	46				R	110 044	120
Jubileum	125	1952/3	P	110 038	64							Light Cruiser 79	171	1958	P	110 038	58
			R	110 044	118	Vélocoteur R.N. Super Luxe	49	—	P	110 038	46				R	110 044	120
Koerier	200	1952	P	110 044	50							Falcon 54-5	197	1952	P	110 044	50
			R	110 044	118	Vélocoteur R.N. Sport	49	—	P	110 038	46				R	110 044	119
Koerier	200	1953/4	P	110 038	66							Falcon 58	197	1952	P	110 044	50
			R	110 044	118	Cyclomoteur F.N. 2 stroke — 2 gear	49	—	P	110 038	36				R	110 044	116
Sport	250	1953	R	110 046	116							Falcon 58	197	1953	P	110 038	66
EYSINK (Soest)—Holland						Cyclomoteur F.N. 2 stroke — 3 gear	49	—	P	111 046	100				R	110 044	116
Renata Tandem Model 'B'	48	1953/60	PC front	*111 044	118							Falcon 60 Competition	197	1952	P	110 038	66
			PC rear	*111 044	114	F.N. 75 c.c. 2 stroke — 3 gear	75	—	P	110 038	36				R	110 044	114
			R	112 045	126							Falcon 62 Trials	197	1953/5	P	110 038	66
Renata Tandem Model 'A'	48	1953/60	PC front	*111 044	118	F.N. 125 c.c. 2 stroke	125	—	P	110 038	52				R	110 044	119
			PC rear	*111 044	114							Falcon 64 Scrambler	197	1953/5	P	110 038	66
			R	112 045	126	F.N. 200 c.c. 2T-Standard	200	—	P	110 044	40				R	110 044	121
Tour	48	1956/9	R	112 045	110							Falcon 65 Overseas	197	1953/4	P	110 038	66
Sport	48	1956/9	R	112 045	110	F.N. 200 c.c. 2T-Luxe	200	—	P	110 044	40				R	110 044	121
Victor	48	1959/60	R	112 045	108							Falcon 67	197	1954	P	110 038	66
Vitesse	48	1959	R	112 045	108	F.N. 250 c.c. 2T	250	—	P	114 038	56				R	110 044	116
Kampioen M51	48	1960	R	112 045	108							Falcon 70	197	1955	P	110 038	66
F.A.M.—Italy						F.N. 13-250 o.h.v.	250	—	R	110 046	120				R	110 044	119/122
Moto 'B'	125	1954/5	R	110 044	118	F.N. 13-350 o.h.v.	350	—	R	110 046	124	Scrambler 72	197	1955	P	110 038	66
—	200	1957	R	110 046	117	F.N. 13-350 s.v.	350	—	R	110 046	124				R	110 044	121
F.B.—Italy						F.N. 13-450 o.h.v.	450	—	R	110 056	100	Falcon 74	197	1956/7	P	110 038	66
Scooter	75	1959	R	112 045	108	F.N. 13-450 s.v.	450	—	R	110 046	124				R	110 044	122
Super Sport	75	1959	R	112 045	112	F.N. 13-Sidecar	450	—	R	110 056	102	Trials 76	197	1956/7	P	110 038	66
Super Sport	125	1959	R	110 044	110	F.N. 13-D.N.	450	—	R	110 056	100				R	110 044	124
F.B.M.—Italy						F.N. 15-Cross	500	—	R	110 056	98/102	Scrambler 77	197	1956/7	P	110 038	66
Gabbiano	—	1954	C	110 038	44										R	110 044	124
			R	110 044	106	FONGERS—Holland						Falcon 81	197	1958/9	P	110 038	58
				112 045	106	Toer	47	1961/2	R	112 045	98				R	110 044	122
FAKA-ROLLER—Germany						Sport	47	1961/2	R	112 045	102	Falcon 87	199	1960/2	P	110 038	58
Commodore	—	—	R	110 046	80	Saxonette	47	1961/2	R	112 045	96				R	110 046	121
Tourist	—	—	R	112 046	80	Duo Tour	50	1959/60	R	112 045	114	Cruiser 68	224	1954	P	110 038	62
FALTER—Germany						Duo Sport	50	1959/60	R	112 045	114				R	110 046	122
501 Transport Moped	48	—	R	112 045	101	FRAMO Germany						Cruiser 71	224	1955	P	110 038	66
M5	98	—	—	112 046	103	D 200, V 500 Prometheus-Getr.	—	—	R	110 056	98				R	110 046	122
FELINA—Argentina						TV	—	—	R	110 056	106	Cruiser 75	224	1956/7	P	110 038	66
F98	98	1958	R	112 046	106	FRANCIS BARNETT—Great Britain									R	110 046	122
FICHTEL & SACHS—Germany						Powerbike 56	98	1952	P	110 037	54	Cruiser 80	249	1957/62	P	110 038	60
Sachs 50/2 and 50/2m	48	—	PC	110 037	28										R	110 046	123
Sachs 50/3 and 50/3m	48	—	PC	110 037	26	Merlin 52-3	122	1952	P	110 038	64	Scrambler 82	249	1958/9	P	110 038	60
Sachs 50/1 Saxonette	48	—	PC	110 037	29										R	110 046	126
						Merlin 57	122	1952/3	P	110 038	64	Trials 83	249	1959	P	110 038	60
															R	110 046	126
						Merlin 59 Competition	122	1952	P	110 038	64	Cruiser 84	249	1959/62	P	110 038	60
															R	110 046	123
						Merlin 61, Trials	122	1953/4	P	110 038	64	Trials 85	249	1960/2	P	110 038	60
															R	110 046	126
												Cruiser 89	249	1962	P	110 038	66
															R	110 046	122
												FRISKY—Great Britain					
												—	244	1959/60	P	114 038	70
															R	110 046	86
												—	325	1957/8	P	110 038	60
															R	110 046	84
												FULDAMOBIL—Germany					
												Fichtel & Sachs	191	1957	R	110 046	58

P — Primary R — Rear C — Camshaft PC — Pedalling Chain M — Magneto * — or chain 111 048 † — or chain 111 049

Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches
GANNA—Italy						GILLET-HERSTAL—Belgium						GNOME & RHONE—continued					
—	150	1956	P R	110 044 110 046	112/118 118	Vélocoteur	100	1952/3	R PC	112 045 †111 046	118 88	LX200	200	1954	P R	110 038 110 046	56 116
GAZELLE—Holland						150	150	1952	R	110 044	114	200 Armie	200	1957	P R	114 038 110 046	56 116
50N	49	1959/60	R	112 045	104	175—2T	175	1953	P	110 038	50	GOEBEL—Germany					
E2	49	1959/62	R	112 045	98	175 Legia	175	1954/5	P	110 038	50	Mopeds GSIII & GSIV, Sachs	48	1960	R	112 045	98
G50	50	1958	P	110 037	32	200 Belgica	200	1954/5	P	110 038	50	Mopeds GSV/WS, GSX, GS72/73, GS7L, GS8L, Moped 'Saxonette' Sachs Engine	48	1960	R	112 045	100
G50 Vrijlop	50	1958	P	110 037	26	250	250	1952/3	P R	114 038 110 046	64 118	Light Motorcycles GS7, GS11, GS14	48	1960	R	112 045	100
Carrier	50	1959/60	R	112 045	128	250 Belgica 2 Stroke 4 Speeds	250	1954/5	P	110 038	50	GOGGO—Germany					
Villiers	98	1952/3	P R	110 037 112 045	56 115	O.H.V.	400	1952/3	R	110 054	107	200	200	1953/4	R	110 046	86
Motocarrier	98	1955	R	110 044	136	S.V.	500	1952/3	R	110 054	107	200 (from July 1954)	200	1955	R	110 046	90
Carrier Sachs engine	100	1959/62	R	110 044	137	500 O.H.V.	500	1953	R	110 056	108	GORDON—Great Britain					
Truck 3 Wheeler	120	1959/62	P R	110 038 110 046	80 103	GITAN—Italy						—	197	1957	P R	110 038 110 046	66 119
Villiers	125	1952	P R	110 038 110 044	58 122	—	48	1957	P	110 038	38	GÖRICKE—Germany					
LE145 3 Wheeler	145	1952/4	P R	110 046 110 046	64 124	—	125	1954	R	110 044	118	Ilo FP50	—	—	R	112 045	115
LE145 3 Wheeler	145	1955	R	110 046	108	GITAN—France						346	50	—	R	112 045	105
MC145	145	1958	P R	110 046 or 110 056	66 120 110	Vap B9, 10, G11	48	1952	PC R	*111 044 112 045	106 120	347	50	—	R	112 045	105
Truck 3 Wheeler	150	1959/62	P R	110 038 110 046	80 103	Junior 13, 14	48	1952	PC R	*111 044 112 045	102 106	100S	100	—	R	110 046	116
200V3R 3 Wheeler	200	1955	R	110 056	116	Mistral 15, 16	48	1952	PC R	*111 044 112 045	102 106	175HF—4 gear	173	1952	R	110 046	123
Carrier Sachs engine	200	1959/62	R	110 056	114/115	Vap 55 — 1, 2, 3	48	1954	PC R	*111 044 112 045	102 106	175S	173	1953	R	110 046	117
Truck 4 Wheeler	200	1959/62	R	110 056	44/46	Vap 55 — 21, 22, 23, 43, 50	48	1956	PC R	*111 044 112 045	102 106	200HF	197	1952	R	110 046	123
GEIER—Germany						Mistral 16 — 35, 45, 55	48	1956	PC R	*111 044 112 045	102 106	200S	197	1953	R	110 046	119
Mofa 100K	—	—	—	112 046	102	Vap B19 and Vap G31	48	1956	PC R	*111 044 112 045	104 120	250HF	247	1952	R	110 046	115
175—4 gear	175	—	R	110 046	112	Itom á galet 10	48	1957	PC	*111 044	100	250/2Z	247	1953	R	110 046	115
GERMAAN—Holland						Vap 57 — 63, 65, 67, 57	48	1957	PC R	*111 044 112 045	102 106	GREEVES—Great Britain					
Sachs	47	1955	R	112 045	90	Vap G61	48	1957	PC R	*111 044 112 045	104 120	Roadster	197	1955	P	110 038	66
I Florence	47	1959/60	R	112 045	98	Vap 57 — 1, 2, 3, 4	48	1957	PC R	*111 044 112 045	98 100	De-Luxe 20D	—	—	R	110 044	124
H	47	1959/60	R	112 045	92	Vap 57 — 165, 67	48	1958	PC R	*111 044 112 045	98 100	Roadster De-Luxe Fleetstar 20D	197	1956/8	P R	110 038 110 046	58 122
Toer	47	1961/2	R	112 045	98	Vap Pi2, 147, 161, 167	48	1958	PC	*111 044	98	Standard	197	1955	P	110 038	66
Sport	47	1961/2	R	112 045	102	Sachs 2V, 168	47	1958	R	112 045	100	Roadster 20R3	197	1955	R	110 044	124
Saxonette	47	1961/2	R	112 045	96	GITANE—France						Standard	197	1956/7	P	110 038	66
J.L.O. FP So	49	1955	P R	*111 044 112 045	92 114	Sachs 3V, 162	47	1959	R	112 045	96	Roadster 20R3	197	1956/7	R	110 044	123
J.L.O. G50	49	1955	R	112 045	90	Sachs 3V, 164	47	1960	R	112 045	104	Standard	197	1955	P	110 038	66
F1958	49	1958	R	112 045	97	Saxonette 38-68	47	1962	R	112 045	98	Roadster 20R4	197	1957	R	110 044	124
GEHA—Holland						Velovap Standard & Luse	48	1959	R	*111 044	94	Standard Sports 20R4	197	1957	P	110 038	66
Sachs	250	—	P R	114 038 110 056	82 108	Vap 57, 37	48	1960	PC R	*111 044 112 045	96 98	Scrambler 20S	197	1955	P	110 038	66
Sachs	400	—	P R	114 038 110 056	81 114	Vap 57, 17	48	1962	PC R	*111 044 112 045	98 102	Scrambler 20S	197	1956	P R	110 038 110 044	66 128
GILERA—Italy						Vap 57, 27	48	1962	PC R	*111 044 112 045	94 98	Trials 20T	197	1957	P	110 038	58
—	125	1953/4	R	110 044	123	Vap 610 — 37 & 67	48	1962	PC R	*111 044 112 045	94 98	Trials 20T	197	1956	P R	110 038 110 046	58 124
—	125	1958	R	110 044	125	GNOME & RHONE—France						Trials 20T	197	1957	P R	110 038 110 046	58 121
Grand Turismo	150	1953/4	R	110 044	123	R4B	125	1952/3	R	110 044	126	Hawkstone Scrambler 20SA & 20SAS	197	1958/9	P R	110 038 110 046	58 125
Svizzera	150	1956/7	R	110 044	124	R4C	125	1953	R	110 044	125	Scottish Trials 20TA	197	1958/60	P R	110 038 110 046	58 122
Sport and G.T.	175	1956/7	R	110 046	124	R5	125	1955	P R	110 038 110 046	56 116	Scottish Trials Special 20TAS	197	1958/60	P R	110 038 110 046	58 122
Rossa Extra	175	—	R	110 046	126	R5	125	1957	P R	110 038 110 046	56 114	Scottish Trials 20TC	197	1960	P R	110 038 110 046	58 122
Nettuno	250	1953	R	110 044	131	L5	175	1955	P R	110 038 110 046	56 116	Hawkstone Scrambler 20SCS	197	1960	P R	110 038 110 046	58 125
Nettuno	250	1955/6	R	110 044	124												
Nettuno	250	1956/7	R	110 044	129												
Svizzera	250	1957	R	110 054	99/102												
—	300	1953/4	R	110 054	99/100												
Saturno	500	1953	R	110 054	102												
—	500	1954	R	110 054	110												
Motocarro	—	1954	R	110 054	104												

P — Primary R — Rear PC — Pedalling Chain * — or chain 111 048 † — or chain 111 049

Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches
GREEVES—continued						GUZZI—Italy						HEINKEL—continued					
Scottish Trials Special 20TCS	197	1960	P	110 038	58	Stornello	125	1959/60	R	112 046	114	Roller—Tourist 103A—1	175	1959	R	110 046	70
Sports Single 20DB	197	1961	P	110 038	58	Lodola	175	1957	C	110 038	64	Roller—Tourist 103A—2	175	1960	R	110 046	70
Sports Single 20DC	197	1962	P	110 038	58				R	110 046	124	Kabine 150/154	—	—	R	110 046	70
Hawkstone Special Scrambler 20SC	197	1961	P	110 038	58	Airone and Sport	250	1952/4	R	110 054	96	Kabine	200	1957	R	110 046	70
Scottish Trials 20TD	197	1961	R	110 046	125	Alce-Superake Military	500	1954/5	R	110 054	104						
Roadster De-Luxe Fleetwing 25D	250	1955	P	114 038	70	Mototelaio ER	500	1953	P	110 066	98						
Roadster De-Luxe Fleetwing 25D	250	1957/8	R	110 046	124				R	110 066	92						
Standard Twin 25R	250	1955	P	114 038	70	Mototelaio U	500	1955/6	R	110 066	82						
Standard Twin 25R	250	1956/7	R	110 046	124	Cardellino	—	1954/5	R	112 045	118						
Hawkstone Twin Scrambler 25SA	250	1958	P	110 038	60	Astore	500	1954	R	110 054	97						
Scottish Trials Twin 25TA	250	1958	R	110 046	127	Falcone Turismo	500	1956	R	110 054	97						
Hawkstone Scrambler 24SAS	250	1959	P	110 038	60	GUZZI-HISPANIA—Spain						HERCULES—Germany					
Scottish Trials Special 24TAS	250	1959/60	R	110 046	131	2 Stroke	65	1952/6	R	110 044	120	K100	98	1956	R	110 046	106
Sports Single 24DB	250	1959/60	P	110 038	58	Cardellino	73	1955/62	R	110 044	118	K100, K101	100	—	R	110 046	106
Sports Twin 25DB	250	1959/60	R	110 046	118	Z	98	1955/62	R	112 046	122	A175	173	1956	R	110 046	118
Sports Single 24DC	250	1961/2	P	110 038	58	HALLEINER MOTORENWERK (BMW)						K175	173	1956	R	110 046	118
Sports Twin 25DC	250	1961/2	R	110 046	122	—Austria						K175-S	173	1958	R	110 046	118
Sportsman 25DCX	250	1962	P	110 038	60	Foxinette	40	1952	R	†111 046	124	319	174	1953	R	110 046	128
Scottish Trials Special 24TCS	250	1960	R	110 046	122/123	VM40	40	1955	P	†111 046	50	320	174	1953	R	110 046	119
Hawkstone Scrambler 24SCS	250	1960	P	110 038	58				PC	*111 044	118	A175, K175, K175-S	175	—	R	110 046	119
Hawkstone Special Scrambler 24SC	250	1961	R	110 046	125					†112 045	100	R200	191	1955	R	110 046	92
Moto-Cross Special 24MCS	250	1961/2	P	110 038	58	HMW 50S Moped	50	1955/8	P	110 037	44	312	197	1953	R	110 046	120
Moto-Cross Special 24MDS	250	1962	R	110 046	135	HMW 50SL Moped	50	1955/8	R	112 045	102	317	197	1952	R	110 046	126
Scottish Trials 24TDS—24TD	250	1961	P	110 038	58	HMW 50L26 Moped	50	1955/8	P	110 037	44	K200 Roller	200	—	R	110 046	92
Scottish Trials 24TE	250	1962	R	110 046	128	HMW 50SH Moped	50	1955/8	R	112 045	106	318	244	1953	R	110 046	122
Scottish Trials Special 24TES	250	1962	P	110 038	58	HMW 50SS Moped	50	1958	P	110 037	44	322	244	1955	R	110 046	121
Roadster De-Luxe Fleetmaster 32D	325	1955	R	114 038	70	HMW 50LB Moped	50	1958	R	112 045	108	315	247	1952	R	110 046	122
Roadster De-Luxe Fleetstar 32D	325	1956/7	P	114 038	70	HMW 50 Conny	50	1960	R	112 045	94	322	250	—	R	110 046	121
Sportsman 32DCX	325	1962	R	110 046	121	HMW 50 Transport	50	1960	R	112 045	110						
Sports Twin 32DC	325	1961/2	P	110 038	62	HMW 50 Populair	50	1960	R	112 045	106	HONDA—Great Britain					
			R	110 046	121	HMW 50SLT	50	1960	R	112 045	98	Benly C92	124	1960/2	R	110 046	110
GRITZNER-KAYSER—Germany						HMW 75R Scooter	75	1955/8	P	110 037	50	Benly CB92	124	1960/2	R	110 046	112
98	98	—	—	112 046	106	LM75	75	1955/8	R	112 045	92	Dream C72	247	1960/2	R	110 056	96
GUAZZONI—Italy												Dream CB72	247	1961/2	R	110 056	94
—	49	1957	C	110 038	38	HARPER (Invalid Car)—Great Britain						HOREX—Germany					
—	125	1954	R	110 044	114	Scotomobile	197	1955	P	110 038	66	Rebell-Solo 2 Gear	50	—	R	112 045	102
—	150	1954	R	110 046	112	Mark 1	197	1954	R	110 044	100	Rebell-Solo 3 Gear	50	—	R	112 045	104
Grifo	150	1957	R	110 046	118	Mark 2	197	1954/5	P	110 038	66	'V' 21-Solo	50	—	R	112 045	106
—	175	1957	R	110 046	110	Mark 3	197	1955	R	110 044	74	Rebell 17-Solo	100	—	R	112 045	110
						Mark 4	197	1956	P	110 038	66	Regina (02) 250	249	1952	R	110 054	101
						Mark 6	197	1956/7	R	110 044	74	Regina (02) Solo	250	—	R	110 054	101
						Mark 6A	197	1958	P	110 038	58	Regina (02) Sidecar	250	—	R	110 054	102
						Mark 6B	197	1959	R	110 046	53	Resident II Solo	250	—	R	110 054	94
												Resident II Sidecar	250	—	R	110 054	96
						HEIDEMANN—Germany						Regina (01) Solo	342	1952	R	110 054	99
						Rex	98	—	—	112 046	108	Regina (01) Sidecar	342	1952	R	110 054	102
						HEINKEL—Germany						Regina (03) Solo	342	1953	R	110 054	100
						Perle Moped	50	1955	R	112 045	94	Regina (03) Sidecar	342	1953	R	110 054	101
						Sidecar	150	1954	R	110 046	66	SB35	350	—	R	110 054	100
						Sidecar	175	1954	R	110 046	66	Solo	350	—	C	110 038	34
						4 Gear	175	1956	R	110 046	70	SB35 Sidecar	350	—	R	110 054	101
						Kabine	175	1956	R	110 046	70	Regina	350	—	R	110 054	99
						Roller—Tourist 103A—O	175	1959	R	110 046	70	Solo	350	—	C	110 038	34
												Regina Sidecar	350	—	R	110 054	101
												Regina (01) Solo	350	—	R	110 054	99
												Regina (01) Sidecar	350	—	R	110 054	101

P — Primary R — Rear C — Camshaft PC — Pedalling Chain * — or chain 111 048 † — or chain 111 049

Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches
HOREX—continued						HUSQVARNA—continued						JAMES—continued					
Regina (03) Solo	350	—	R	110 054	100	29/229	120	1952	P R	110 038 110 046	44 108	Cadet	122	1952	P R	110 038 110 044	64 106
Regina (03) Sidecar	350	—	R	110 054	101	30, 30 Sport and 230	120	1953	P R	110 038 110 045	44 108	Cadet De-Luxe	122	1952/3	P R	110 038 110 044	64 106
Resident (08) Solo	350	1955	R	110 054	92	31, 31 Sport, 31Lyx and 231	120	1955	P R	110 038 110 046	44 108	Cadet	122	1953/4	P R	110 038 110 044	64 116
Resident (08) Sidecar	350	1955	R	110 054	94	HVA-Parilla	120	1955	R	110 046	92	Cadet	147	1955	P R	110 038 110 044	66 116
Imperator (07) Solo	392	1954/5	R C	110 054 110 038	99 64	32 Sport	120	1957/8	R	110 046	108	Flying Cadet	149	1959/62	P R	110 038 110 044	58 118
Imperator (07) Sidecar	392	1954/5	R C	110 054 110 038	101 64	281 Sport	175	1954/5	R	110 046	112	Scooter	149	1960/2	P R	110 038 110 044	58 103
Regina (06) Solo	400	—	R	110 054	99	282	175	1955/8	R	110 046	114	Cadet	150	1956	P R	110 038 110 044	66 119
Regina (06) Sidecar	400	—	R	110 054	101	283	200	1957/8	R	110 046	114	Cadet	150	1957/8	P R	110 038 110 044	66 121
Imperator (07) Solo	400	—	R C	110 054 110 038	99 64	INDIAN—Great Britain						Cavalier	175	1958	P R	110 038 110 044	58 118
Imperator (07) Sidecar	400	—	R C	110 054 110 038	101 64	Brave Model 'R'	248	1952/5	P R	110 038 110 044	68 118	Captain Standard and De-Luxe with 6E Engine	197	1952	P R	110 044 110 044	50 109
Imperator (23) Solo	450	—	R C	110 054 110 038	98 64	Brave Model 'S'	248	1954/5	P R	110 038 110 054	68 99	Captain Standard with 8E Engine	197	1953	P R	110 038 110 044	66 109
Imperator (23) Sidecar	450	—	R C	110 054 110 038	99 64	Brave Model 'S' Sidecar	248	1954/5	P R	110 038 110 054	68 102	Captain De-Luxe with 8E Engine	197	1953	P R	110 038 110 044	66 111
Regina 4 (06) Solo	499	1953	R	110 054	99	ISO—Italy						Captain	197	1954/5	P R	110 038 110 044	66 121
Regina 4 (06) Sidecar	499	1953	R	110 054	101	Isocarro	125	1952	R	110 046	84	Captain	197	1956/7	P R	110 038 110 044	66 124
HULSMANN—Holland						Sport	125	1953/4	R	110 046	104	Captain	197	1958/9	P R	110 038 110 044	66 127
Villiers	125	1952/8	R	110 044	108	Isetta	—	1954	P	114 046	84	Trials Model	197	1952	P R	110 044 110 044	50 116
Villiers	200	1953/8	R	110 044	114	E	125	1955	R	110 046	110	Commando	197	1953/4	P R	110 038 110 044	66 116
HURACAN—Spain						A4D	125	—	C R	110 038 110 046	54 107	Commando	197	1955	P R	110 038 110 044	66 122
Oxford	125	1957	P R	110 038 110 046	64 119	A4E	125	—	R	110 046	115	Commando	197	1956/7	P R	110 038 110 044	66 126
Silver Delux	125	1958/62	P R	110 038 110 046	64 117	Gran Turismo	—	1955	R	110 046	104	Cotswold	197	1955	P R	110 038 110 046	66 123
Delux	197	1956	P R	110 038 110 046	66 119	Isoscooter F	150	—	C R	110 038 110 046	54 112	Cotswold	197	1956	P R	110 038 110 044	66 125
Silver Delux	197	1958/62	P R	110 038 110 046	66 120	Isocarro C	150	—	C R	110 038 110 046	54 66	Captain	199	1960/2	P R	110 038 110 046	58 129
Motocarro R3	197	1955	P R	110 038 110 046	66 71/109	—	200	1959	P	110 046	54	Sports Captain	199	1960/2	P R	110 038 110 046	58 129
M200	197	1956	P R	110 038 110 046	66 53	ISO—Spain						Colonel	224	1954/5	P R	110 038 110 046	60 125
3 Wheeler Light Van						Meteor	125	—	R	110 046	105	Commodore	250	1957/62	P R	110 038 110 046	60 126
Motocarro M 201-202	197	1958/62	P R	110 038 110 046	66 54	Isocarro	125	—	P	110 038	54	Cotswold	250	1959/60	P R	110 038 110 046	60 134
Trailer T100	197	1959/60	P R	110 038 110 046	66 54	Isomoto B	125	—	P R	110 038 110 046	54 96	Commando	250	1959/60	P R	110 038 110 046	60 134
Motocarro M203, M204	197	1960	P	110 038	66	Isomoto E	125	—	P R	110 038 110 046	54 104	Commando	250	1962	P R	110 038 110 046	60 130
HUSQVARNA—Sweden						Gran Turismo Meteor	150 150	— —	R R	110 046 110 046	104 105	Super Swift	250	1961/2	P R	110 038 110 046	60 126
3752 and 3822	50	1957/8	R	112 045	104	ITOM—Italy						JUNCKER—Holland					
3822 Export	50	1958	P	110 038	38	Astor	48	—	R	112 045	93	Quickstaart	48	1961/2	R	112 045	100
3772/3832	50	1957/8	R	112 045	104	Tabor	—	—	R	112 045	95	KAPTEIN—Holland					
3832 Export	50	1958	P	110 038	38	Esperia Moped	50	1958	R	112 045	94	AV31/32	49	1952/8	PC R	*111 044 112 045	104 104
3773/3833	50	1957/8	R	112 045	98	Astor Sport	50	1958	R	112 045	92	S1/2/3	49	1955/8	PC R	*111 044 112 045	104 104
3782/3852	50	1957/8	P R	110 038 112 045	38 98	Astor Super Sport	50	1958	R	112 045	92	T31W Transport	49	1954/60	PC R	112 045 112 045	112 104
3842	50	1958	R	112 045	96	Astor Competition	50	1958	R	112 045	92	Toerist S24	49	1959/61	PC R	*111 044 112 045	102 102
3912, 3922, 3932, 3952	50	1959	R	112 045	104	JAMES—Great Britain						Robuust S25	49	1959/61	PC R	*111 044 112 045	102 102
4022	50	1960	R	112 045	104	Superlux	98	1952	P R PC	110 037 112 045 *111 044	54 114 93						
4012	50	1960	R	112 045	108	Autocycle 2F											
4132, 4152	50	1960	R	112 045	100	Comet Standard and De-Luxe	98	1952/3	P R	110 037 112 045	56 109						
Mopeder 4112	50	1961	R	112 045	108	Comet	98	1954/5	P R	110 037 112 045	56 118						
Mopeder 4122	50	1961	R	112 045	104	Commodore	98	1952/3	P R	110 037 112 045	56 109						
Mopeder 4212	50	1962	R	112 045	108	Comet	98	1956	P R	110 037 112 045	56 119						
Mopeder 4222	50	1962	R	112 045	104	Comet	98	1957/8	P R	110 037 112 045	56 122						
Mopeder 4312	50	1962	R	112 045	102	Comet	98	1959/62	P R	110 037 112 045	56 120						
Motorcykel 282E	175	1959/62	R	110 046	114												

P — Primary R — Rear C — Camshaft PC — Pedalling Chain * — or chain 111 048

Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches
KAPTEIN—continued						LION RAPIDE—Belgium						MAGNEET—continued					
Super S35	49	1959/61	PC	*111 044	100	Moteur Villiers	98	1952/3	P	110 037	56	602	47	1960	R	112 045	98
			R	112 045	100				R	112 045	108	Sprintmaster	49	1960/1	R	112 045	98
Fiets-O-Matic	49	1959/61	PC	*111 044	102	Moteur Villiers	122	1953	P	110 038	64	Super Sport	49	1961/2	R	112 045	100
Toerist S20	49	1962	PC	*111 044	94	LS23/53 & AMI55/53			R	110 044	114	Scooteret	49	1961/2	R	112 045	100
			R	112 045	96							Toerisme	49	1961/2	R	112 045	100
Robuust S30	49	1962	PC	*111 044	94	Moteur Villiers	150	1957	R	110 046	118	Automatic	49	1961/2	R	112 045	96
			R	112 045	96	306						Cheetah	49	1962	R	112 045	98
Fiets-O-Matic	49	1962	PC	*111 044	94/100	Moteur Villiers	197	1952	P	110 044	50	Super Sport Exp. 3 Speed	50	1961/2	R	112 045	102
Robuust S35	49	1962	PC	*111 044	100	FS25			R	110 044	114						
			R	112 045	103	Moteur Villiers	197	1952	P	110 044	50						
Grand Toerisme S45	49	1961/2	PC	*111 044	100	AMI 51			R	110 044	116						
			R	112 045	103	Moteur Villiers	197	1953	P	110 038	66						
Special S50	49	1962	PC	*111 044	100	AMI51			R	110 044	116						
			R	112 045	103	Moteur Villiers	197	1957	R	110 046	120						
Grand Sport S55	49	1961/2	R	112 045	103	9E 4											
						Moteur FN	350	1952/3	R	110 046	118						
KREIDLER—Germany						LOCOMOTIEF—Holland						MAICO—Germany					
K50 Mofa	—	—	R	112 045	124	Bi	48	1955	R	112 045	104	F100, J100	100	—	—	112 046	110
Amazona	50	—	R	112 045	102	Hifi 8	49	1959/62	R	112 045	98	MP100, MP120	—	—	—	110 038	44
2 Speed K52/2						Hifi 9	49	1959/60	R	112 045	96	M125	—	—	R	110 044	126
Amazona	50	—	R	112 045	98	Hifi 10	49	1959/60	PC	*111 044	94	M150	—	—	R	110 046	126
3 Speed K52/3						Hifi 11	49	1959/60	PC	*111 044	94	M151, M175	—	—	R	110 046	114
Florett K53, K54	50	1960	R	112 046	102	Hifi 12	49	1959/62	PC	*111 044	94	M175 Passat, M175T, M175S, M200S, M200T	—	—	R	110 046	116
						B14	49	1959/60	R	112 045	98	M250S	—	—	R	110 054	96
K.T.M.—Austria						B15	49	1961	R	112 045	101	M151, M175 Maicomobil	—	—	R	110 046	102
Mecky Moped	50	1957/8	R	112 045	102	B16	49	1960/1	R	112 045	96	Letta	175	—	R	110 046	96
Mecky-Sachs	50	1959	R	112 045	98	B16A	49	1961/2	R	112 045	96	MB200	197	1957/9	R	110 046	106
Ponny	50	1960/2	R	112 045	100	B17	49	1962	R	112 045	101	Maicomobil					
R100	98	1953	R	112 046	106	B19	49	1962	R	112 045	96	Letta	247	1957/60	R	110 046	96
R125T	125	1955	R	110 046	118	B20	49	1962	R	112 045	100	Blizzard	250	1959/60	R	110 046	118
Mirabel 125	125	1957/8	R	110 046	90	B II and B III	50	1956	R	112 045	96	Letta	277	1957	R	110 046	96
Scooter						B V	50	1957	R	112 045	98	Typhoon 350	350	1957	R	114 046	88
Trophy 125	125	1958	R	110 046	118	B VII	50	1958	R	112 045	97	Typhoon 400	400	1957/8	R	114 046	88
Mustang 125	125	1958	R	110 046	120												
Mirable 150	150	1957/8	R	110 046	90	LOHNER—Austria						MAMMUT-VERTRIEBSGES—Germany					
Trophy 150	150	1958	R	110 046	118	Sissy 50	50	1957/8	P	110 037	48	258S, 259	174	1953	R	110 046	110
Mustang	150	1958	R	110 046	120	Moped			R	112 045	74	261I	198	1953	R	110 046	110
						Roller L98	98	1952/5	R	110 044	68	MARS—Germany					
LAMBRETTA—Italy						L125 Scooter	125	1956/8	R	110 046	82	Stella 175	174	1955	R	110 046	118
—	48	1956	R	112 045	118/119	L150 Scooter	150	1961/2	R	110 046	84	MASERATI—Italy					
—	48	1958	R	112 045	119	Rapid 200	200	1956/8	R	110 046	92	—	50	1956/7	R	111 046	110
L1	125/150	1958/9	P	114 038	80	Scooter						—	125	1953/4	R	110 044	112
TV 175	170	1957/8	P	114 038	68							TV	125	—	R	110 046	112/114
						LUBE—Spain						—	160	1954	R	110 046	120
LAVERDA—Italy						Renn	125	1960/2	R	110 044	119	T4	250	1956/7	R	110 046	110
Scooter	49	1958/9	R	112 045	110/112	2 Stroke	125	1952	R	110 044	119	MATCHLESS—Great Britain					
Scooter	50	1959	R	112 045	72	Renn	150	1960/2	R	110 044	116	G2	250	1959/61	P	110 038	73
Scooter	75	1959	R	112 045	120	Max	250	1956	R	110 054	106				R	110 046	125
—	75	1953	R	112 045	110							G2	250	1962	P	114 038	72
—	75	1954	R	112 045	102	MIVAL—Italy									R	110 046	123
Motoleggera	100	—	R	110 044	102	GT	125	1952/4	R	110 044	107/112	G2CS	250	1959/61	P	110 044	55
Sport Lusso						GS	125	1954	R	110 044	107/112				R	110 046	130
Motoleggera	100	—	R	110 044	102	SC	175	1954	R	110 046	88	G2CS	250	1962	P	114 038	72
Gran Turismo						Sport	175	1954	R	110 046	116				R	110 046	123
—	200	—	R	110 046	106	SC Mivalino	175	1954	R	110 046	91/93	G2CSR	250	1962	P	114 038	72
															R	110 046	133
LIFANTE—Spain						MAF—Spain						G3	350	1959/62	P	110 046	67
Motocarro L	125	1953/5	P	110 038	64	—	150	1962	R	110 046	115				R	110 056	98
			R	110 044	125	—	175	1957/62	R	110 046	115	G3C	350	1959/62	P	110 046	66
Motocarro L	125	1956/8	P	110 038	64										R	110 056	94
			R	110 046	125	MAGNEET—Holland						G3CS	350	1959	P	110 038	46
—	197	1958/60	P	110 038	66	Globemaster	47	1957/61	R	112 045	100				R	110 038	50
			R	110 046	127	B50 Scooter	47	1957/61	R	112 045	100				M	110 038	46
Motocarro RG	197	1954/8	P	110 038	66	M50	47	1955/6	R	112 045	96	G3L	350	1952/5	P	110 046	66
			R	110 046	125	Cheetah	47	1957/60	R	112 045	98				R	110 056	94
Motocarro 1	197	1956/62	P	110 038	66	T60 Tour	47	1960	R	112 045	98				M	110 038	46
			R	110 046	47										D	110 038	49

P — Primary R — Rear PC — Pedalling Chain M — Magneto D — Dynamo * — or chain 111 048 † — or chain 111 049

Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches
MATCHLESS—continued						MAXWELL—Holland						MONARK—continued					
G3LC	350	1952/5	P	110 046	65	ET	49	1953	P	110 037	50	M134FS	49	1957	R	112 045	100
			R	110 056	90				R	112 045	114	M134U	49	1960	R	112 045	100
			M	110 038	46	ET1	49	1954/5	P	110 037	50	M161	49	1957	R	112 045	108
			D	110 038	49				R	112 045	114	M162	49	1957	R	112 045	98
G3LC	350	1956	P	110 046	64	ET1K	49	1955/6	P	110 037	50	M248	49	1958	R	112 045	114
			R	110 056	97				R	112 045	114	M248F	49	1958	R	112 045	114
			M	110 038	46	HMW50N Sport	49	1957/60	P	110 037	44	M249	49	1959/60	R	112 045	114
			D	110 038	49				R	112 045	104	M249F	49	1959/60	R	112 045	114
G3LC	350	1957/8	P	110 046	66	HMW	50	1955	R	112 045	118	M308F	49	1958	R	112 045	102
			R	110 056	97							M309F	49	1959/60	R	112 045	102
			M	110 038	46	MEISTER—Germany						M309S	49	1959/60	R	112 045	102
			D	110 038	50	M40 I, M41 S	50	—	R	†111 046	78	M338	49	1958	R	112 045	92
G3LCS	350	1952/5	P	110 046	65	Solo Roller						M339	49	1959/60	R	112 045	92
			R	110 056	98	Mopeds GS3, GS4	50	—	R	112 045	98	M348	49	1958	R	112 045	100
			M	110 038	46	GS72/73, GS7L,			R	112 045	100	M348F	49	1958	R	112 045	102
			D	110 038	49	GS8L, Moped						M349	49	1959/60	R	112 045	100
G3LS	350	1952/6	P	110 046	66	'Saxonette'						M349F	49	1959/60	R	112 045	102
			R	110 056	98	Light Motorcycles	50	—	R	112 045	100	M618	49	1958	R	112 045	100
			M	110 038	46	GS7, GS11,						M619	49	1959/60	R	112 045	100
			D	110 038	50	GS14						M628	49	1958	R	112 045	98
G3S	350	1962	P	110 046	67	M58S, M59I	174	—	R	110 046	110	M629	49	1959/60	R	112 045	98
			R	110 056	98	M61I	198	—	R	110 046	110	M668	49	1958	R	112 045	98
G5	350	1960/2	P	114 038	72	MESSerschmitt—Germany						M669	49	1959/60	R	112 045	98
			R	110 046	123	—	174	1957	R	110 046	90	M679	49	1959/60	R	112 045	98
G9	500	1952/6	P	110 046	66	MIELE—Germany						M1202	49	1962	R	112 045	100
			R	110 056	96	720	—	1952/62	—	112 046	106	M1211	49	1961	R	112 045	100
G9	500	1957/61	P	110 046	67	MINITRUCK—Holland						M1212	49	1962	R	112 045	100
			R	110 056	97	3 Wheeler	120	1957	FW 1st	110 038	92	M1221	49	1961	R	112 045	102
G45	500	1953/8	P	110 046	72				FW 2nd	110 046	100	M1222	49	1962	R	112 045	102
			R	110 054	110	3 Wheeler	120	1958	FW 1st	110 038	94	M1231	49	1961	R	112 045	102
G50	500	1960/2	P	110 046	74				FW 2nd	110 046	100	M1232	49	1962	R	112 045	102
			R	110 054	110	3 Wheeler	150	1957	FW 1st	110 038	92	M1241	49	1961	R	112 045	102
G80	500	1952/5	P	110 046	67				FW 2nd	110 046	100	M1242	49	1962	R	112 045	102
			R	110 056	94	3 Wheeler	250	1957/8	FW 1st	110 038	106	M1251	49	1961/2	R	112 045	92
			M	110 038	46				FW 2nd	110 056	88	M1261	49	1961/2	R	112 045	92
			D	110 038	49	M.M.—Italy						M1281	49	1962	R	112 045	100
G80	500	1959/62	P	110 046	69	—	125	1956	C	110 038	84	M1282	49	1962	R	112 045	102
			R	110 056	98	—	250	1956	C	110 038	72	M1291	49	1961	R	112 045	102
G80C	500	1952/5	P	110 046	66	MONARK—Sweden						M1292	49	1962	R	112 045	102
			R	110 056	90	M32	48	1954	R	112 045	124	M1308F	49	1958	R	112 045	100
			M	110 038	46	M35	48	1954	R	112 045	120	M1309F	49	1959/60	R	112 045	102
			D	110 038	49	M36	48	1954	R	112 045	100	M1309S	49	1959/60	R	112 045	102
G80CS	500	1952/5	P	110 046	66	M40/41	48	1955	R	112 045	122	M1338	49	1958	R	112 045	92
			R	110 056	98	M42	48	1955	R	112 045	130	M1339	49	1959/60	R	112 045	92
			M	110 038	46	M45	48	1955	R	112 045	122	M1348	49	1958	R	112 045	100
			D	110 038	49	M56	48	1955	R	112 045	108	M1348F	49	1958	R	112 045	102
G80CS	500	1957/60	P	110 046	67	M60	48	1954	R	112 045	120	M1349	49	1959/60	R	112 045	100
			R	110 056	97	M24	49	1956	R	112 045	114	M1349F	49	1959/60	R	112 045	102
			M	110 038	46	M24S	49	1956	R	112 045	114	M1628	49	1958	R	112 045	98
			D	110 038	50	M33	49	1956	R	112 045	96	M1629	49	1959/60	R	112 045	98
G80CS	500	1961/2	P	110 046	67	M34	49	1956	R	112 045	100	M1669	49	1959/60	R	112 045	98
			R	110 056	98	M34F	49	1956	R	112 045	100	M1679	49	1959/60	R	112 045	98
G80S	500	1952/6	P	110 046	67	M34FS	49	1957	R	112 045	100	M1701	49	1961/2	R	112 045	100
			R	110 056	98	M34U	49	1960	R	112 045	100	M1721	49	1961/2	R	112 045	98
			M	110 038	46	M38	49	1955	R	112 045	98	M1731	49	1961/2	R	112 045	104
			D	110 038	49	M39	49	1955	R	112 045	98	M1741	49	1961/2	R	112 045	104
G80S	500	1957/8	P	110 046	68	M56F	49	1955	R	112 045	108	M448	50	1958	R	112 045	106
			R	110 056	98	M61	49	1955	R	112 045	108	M448F	50	1958	R	112 045	108
G11	600	1956	P	110 046	66	Pilot Engine						M449F	50	1959/60	R	112 045	110
			R	110 056	96	M61	49	1955	R	112 045	100	M77	128	1952	P	110 038	52
G11 and G11CS	600	1957/8	P	110 046	68	ILO Engine									R	110 046	110
			R	110 056	97	M62	49	1956	R	112 045	98	M78	150	1952	R	110 046	114
G12 and G12DL	650	1959/62	P	110 046	68	M66	49	1957	R	112 045	98	M87	150	1952	R	110 046	114
			R	110 056	97	M133	49	1957	R	112 045	96	M88	150	1952	R	110 046	114
G12CS	650	1959/62	P	110 046	67	M134	49	1957	R	112 045	100	M89	150	1952	R	110 046	110
			R	110 056	97	M134F	49	1957	R	112 045	100						
G12CSR	650	1959/60	P	110 046	68												
			R	110 056	98												
G12CSR	650	1961/2	P	110 046	68												
			R	110 056	97												

P — Primary R — Rear C — Camshaft M — Magneto D — Dynamo FW — Front Wheel † — or chain 111 049

Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches
NORMAN—continued						NORTON—continued						NORTON—continued					
Super Lido	47	1960/2	R	112 045	95	Model 50	350	1959/62	P	110 046	75	19S	596	1954/8	P	110 046	76
2 Speed Sachs			PC	110 037	28				R	110 054	97				R	110 054	90
Gear driven									CB	110 037	44				M	110 037	44
Nippy MK III	48	1960	R	112 045	105	40 Manx	350	1962	P	110 046	78	99	598	1956/9	P	110 046	76
Single Speed			PC	129 033	30	350 Racing			R	110 054	96				R	110 054	97
Gear driven									M	110 037	54				C	110 038	38
NM1	49	1962	R	112 045	96	16H	490	1952/4	P	110 046	76				M	110 037	42
Nippy Mark V			PC	*111 044	93				R	110 054	90	99	598	1960/2	P	110 046	95
NM2	49	1962	R	112 045	103	16H Sidecar	490	1952/4	MD	110 037	44				R	110 054	98
Lido Mark III			PC	*111 044	100				P	110 046	76				C	110 038	38
Nippy MK IV	50	1960/2	P	110 037	44	18	490	1952	R	110 054	89	99 Sidecar	600	1956/60	M	110 037	42
2 Speed Villiers			R	112 045	99				MD	110 037	44				P	110 046	75
			PC	110 037	26	18 Sidecar	490	1952	P	110 046	75				R	110 054	98
C	98	1952/5	P	110 037	56				R	110 054	89				C	110 038	38
			R	112 045	122				MD	110 037	44				CB	110 037	42
			PC	*111 044	97	18 Sidecar	490	1952	P	110 046	74	Dominator 99	600	1960/2	P	110 046	76
D	98	1952/5	P	110 037	56				R	110 054	89				R	110 054	97
			R	112 045	112	18	490	1953	MD	110 037	44				C	110 038	38
B1 Rigid Frame	122	1952/3	P	110 038	64				P	110 046	77				M or CB	110 037	42
			R	110 044	107	18 Sidecar	490	1953	R	110 054	89	Dominator 650	650	1962	P	110 046	76
B1S	122	1953/5	P	110 038	64				MD	110 037	44				R	110 054	97
Spring Frame			R	110 044	116	E.S.2	490	1952/3	P	110 046	77				C	110 038	38
E Rigid Frame	122	1953	P	110 038	64				R	110 054	90				M or CB	110 037	42
			R	110 044	106	E.S.2 Sidecar	490	1952/3	MD	110 037	44	Atlas	750	1962	P	110 046	76
B1S Springer	150	1955	P	110 038	66				P	110 046	77				R	110 054	97
30 C/3 engine			R	110 044	122	30 International	490	1954/5	R	110 054	90				C	110 038	38
31 C/4 engine	150	1957	P	110 038	58				MD	110 037	44				M	110 037	42
			R	110 046	126	E.S.2	490	1952/3	P	110 046	76	N.S.U.—Great Britain					
B2 Rigid Frame	197	1952/4	P	110 044	50				R	110 054	90	Quickly 'S' & 'N'	49	1955/60	R	†111 046	112
			R	110 044	110	E.S.2	490	1954/5	MD	110 037	44	Quickly 'L'	49	1957/60	R	†111 046	112
with 8E engine	197	1953/4	P	110 038	66				P	110 046	76	Cavallino	49	1958/60	R	†111 046	108
			R	110 044	110	E.S.2 Sidecar	490	1954/5	R	110 054	90	Supermax Solo	247	1958/60	R	110 056	106
B2S	197	1953	P	110 044	50				M	110 037	44	Supermax	247	1958/60	R	110 056	105
Spring Frame			R	110 044	116	30 International	490	1954/5	P	110 046	77	Sidecar					
with 8E engine	197	1953	P	110 038	66				R	110 054	97	N.S.U.—Germany					
			R	110 044	116	E.S.2	490	1956/8	MD	110 037	46	Quickly	49	—	R	112 045	112
B2S	197	1954/5	P	110 038	66				P	110 046	76	Cavallino	49	—	R	112 045	108
Spring Frame			R	110 044	119	500T	490	1952/3	R	110 054	91	Quick	98	—	P	110 037	36
B2C	197	1953	P	110 044	50				MD	110 037	44				R	112 045	101
Competition			R	110 044	110	No. 7 Dominator	497	1952/5	P	110 046	75	Quick 52	—	—	PC	112 045	102
with 7E engine	197	1953/5	P	110 038	66				R	110 054	86				P	110 037	36
			R	110 044	110	Dominator 88	497	1953/8	M	110 037	44				R	112 045	103
B2SC	197	1956/60	P	110 038	58	De-Luxe			P	110 046	75				PC	112 045	106
Competition			R	110 046	127				R	110 054	98	Pony 100	—	—	P	110 037	40
B2S Springer	197	1956/9	P	110 038	58	30 Manx	499	1952/3	C	110 038	38				R	112 045	96
9E 3/4			R	110 046	125				M	110 037	42	Fox 101OSB	—	—	R	110 044	112
B2S Sports	197	1960	P	110 038	58	30 Manx	499	1954/62	P	110 046	78	Fox 125/ZB	—	—	R	110 044	112
			R	110 046	125				R	110 054	92	125ZDB	—	—	R	110 044	119
TS	242	1955	P	114 038	70	E.S.2 Solo	500	1959/62	M	110 037	46	251OSB Max	—	—	R	110 054	106
			R	110 046	119				P	110 046	82	Solo					
B3 Twin	250	1958/60	P	110 038	60	E.S.2 Sidecar	500	1959/60	R	110 054	96	251OSB Max	—	—	R	110 054	105
			R	110 046	127				MD	110 037	44	Sidecar					
B4	250	1961/2	P	110 038	60	88 Sidecar	500	1953/60	P	110 046	74	301OSB Max	—	—	R	110 054	107
Sports Twin			R	110 046	127				R	110 054	97	Konsul I	—	—	P	114 038	96
B4	250	1961/2	P	110 038	60	Dominator 88	500	1953/62	C	110 038	38	Solo			R	110 054	96
Roadster Twin			R	110 046	127				CB	110 037	42				D	110 037	60
NORTON—Great Britain						30 Manx	500	1962	P	110 046	75	Konsul I	—	—	P	114 038	94
Jubilee	250	1959/62	P	114 038	66				R	110 054	98	Sidecar			R	110 054	96
			R	110 046	121	30 Manx	500	1962	MD	110 037	44				D	110 037	60
40 Manx	348	1952/3	P	110 046	78	Big Four	596	1952/4	P	110 046	75	Konsul II	—	—	P	114 038	98
			R	110 054	92				R	110 054	90				R	110 054	96
			M	110 037	46	19R	596	1954/5	MD	110 037	44				D	110 037	61
40 Manx	348	1954/62	P	110 046	78				P	110 046	77	Konsul II	—	—	P	114 038	98
			R	110 054	96				R	110 054	90				R	110 054	95
			M	110 037	54				CB	110 037	44				D	110 037	61
40 International	348	1954/5	P	110 046	76				P	110 046	75	NYMAN—Sweden					
			R	110 054	97	30 Manx	500	1962	R	110 054	98	NV5	31	1953	P	110 500	44
			MD	110 037	45	500 Racing			M	110 037	54				R	112 045	127
50	348	1956/8	P	110 046	75				P	110 046	75	Autoped	40	1954/5	P	110 500	44
			R	110 054	91				R	110 054	90				R	112 045	133
			MD	110 037	44				MD	110 037	44	Saxoped	50	1954/6	R	112 045	92
50	350	1959/62	P	110 046	74				P	110 046	77	Saxoped	50	1955/8	R	112 045	98/104
			R	110 054	97				R	110 054	90	1134-1134K	50	1959/60	R	112 045	100
			CB	110 037	44				M	110 037	44	1135	50	1959	R	112 045	98
Navigator	350	1961/2	P	114 038	66												
			R	110 046	120												

P — Primary R — Rear C — Camshaft PC — Pedalling Chain M — Magneto D — Dynamo MD — Magneto-Dynamo * — or chain 111 048 † — or chain 111 049

Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches
NYMAN—continued						PANTHER—continued						PATRIA—Germany					
1136-1143	50	1959/60	R	112 045	100	M65	250	1954/5	P	110 046	67	98	98	—	R	112 046	110
1210	50	1959/60	R	112 045	100	Rigid Frame			R	110 046	108	PM51	175	—	R	110 046	116
2010-2011	50	1959/60	R	112 045	100	M65	250	1954/5	P	110 046	67	PEGASO—Italy					
2015	50	1960	R	112 045	104	Spring Frame			R	110 046	113	—	48	1959	P	*111 044	34
NV70	75	1955	R	110 044	100	M35 Sports	250	1957/62	P	110 038	60				R	112 045	105
NV11	125	1952/3	R	110 044	110				R	110 046	125	PERUGINA—Italy					
Various models				110 046		M45	324	1959/62	P	110 038	60	—	125	1954/5	R	110 044	112
NV11-12	125	1952/6	R	110 044	120				R	110 046	121	—	250	1957	R	110 046	114/116
NV22	150	1954	R	110 044	118	M50 Sports	324	1959/62	P	110 038	60	PETRI & LEHR—Germany					
NV23	150	1955	R	110 044	118				R	110 046	122	VH103, 104,	150	—	—	112 046	to
NV25	150	1953/5	R	110 044	118	Stroud	350	1952/3	P	110 046	67	105, 201, 202				measure	
NV24	175	1956	R	110 044	118				R	110 056	105	VH103, 104,	175	—	—	110 046	to
NV80	175	1955	R	110 046	118	M75	350	1952/3	P	110 046	68	105, 201, 202				measure	
NV30	200	1952	R	110 046	125	Rigid Frame			R	110 046	108	PEUGEOT, TERROT, GRIFFON, AIGLON—France					
NV80	200	1955	R	110 046	118	M75	350	1953	P	110 046	68	BB1 S, BB1 ST	50	1960	PC	*111 044	88
NV35	250	1952	R	110 046	125	Spring Frame			R	110 046	112	BB1 T			R	112 045	95/96
NV36	250	1953	R	110 046	125	M75	350	1954/62	P	110 046	67	BB2, BB3SP	50	1960	PC	*111 044	100
NV38	250	1955	R	110 046	129	Spring Frame			R	110 046	113				P	110 038	48
O.E.C.—Great Britain						M100, Solo	600	1952/62	P	110 046	71	BB1 TLS, BB VT	50	1960	PC	*111 044	88
D1, S1	122	1952/3	P	110 038	64				R	110 056	90	BB3 T			R	112 045	100
Rigid Frame & SD1, SS1			R	110 044	120	M100, Sidecar	600	1952/62	P	110 046	69	104	50	1962	PC	*111 044	86
Spring Frame									R	110 056	90				R	112 045	92
C1	122	1952	P	110 038	64	M100 Rigid	600	1954/5	P	110 046	71	Tenor Sport ET	125	1958	R	110 046	125
			R	110 044	120	Frame, Solo			R	110 056	89	Moto Super	175	1959	R	110 046	125
D2, S2	197	1952	P	110 044	50	M100 Springer	600	1954/5	P	110 046	70	Tenor Sport AT					
Rigid Frame & SD2, SS2			R	110 044	120	Frame, Sidecar			R	110 056	96	PEUGEOT-MOVESA—Spain					
Spring Frame						M120 Springer	650	1959/62	P	110 046	71	2 Stroke	125/150	1952	P	110 038	46
C2	197	1952	P	110 044	50	Solo			R	110 056	96				R	110 046	118
			R	110 044	120	M120 Springer	650	1959/62	P	110 046	71	PHÄNOMEN—Germany					
D2, S2	197	1953	P	110 038	66	Sidecar			R	110 056	96	Granit 25, 27	—	—	—	114 038	78
Rigid Frame & SD2, SS2			R	110 044	120	PANTHER BRAUNSCHWEIG—Germany						R6	48	—	R	112 045	98
Spring Frame						B3	47	—	R	112 045	93	62, 63 Solo Roller	50	1954	R	*111 046	78
ST2	197	1953	P	110 038	66	B5, 2 gear	47	—	R	112 045	100	76, 78 with Hirafe	174	1953	R	110 046	110
Rigid Frame & ST2, ST3			R	110 044	120	B5, 3 gear	47	—	R	112 045	103	PHILLIPS—Great Britain					
Spring Frame						B6, 2 gear	47	—	R	112 045	98	P39 'Gadabout'	49	1957/8	R	112 045	95
Apollo	248	1953	P	110 038	68	B6, 3 gear	47	—	R	112 045	99	Rev. 2 Speed					
Rigid Frame			R	110 044	115	B7	47	—	R	112 045	100	Engine					
Apollo	248	1953	P	110 038	68	Moped B8	50	—	R	112 045	100	P45 'Gadabout'	49	1958/61	R	112 045	95
Spring Frame			R	110 044	120	Moped B9	50	—	R	112 045	100	Rev. 3 Speed					
OSSA—Spain						Moped B10	50	—	R	112 045	96	Engine					
50B	50	—	P	110 037	36	Light Motorcycle	50	—	R	112 045	100	P50 'Gadabout'	49	1951/2	R	112 045	100
			PC	110 037	30	K9						Villiers 2 Speed					
			R	110 044	92	TS98, KS98/99	97	—	R	112 046	107	3K Engine					
50C	50	1961/2	P	110 037	36	KS101	97	—	R	110 046	111	P40 'Panda'	49	1959/60	PC	*111 044	93
			PC	110 037	30	KS151-2	147	—	R	110 046	124				R	112 045	117
			R	110 044	92	KS175-6	174	—	R	110 046	124	PM1 'Panda'	49	1962	PC	*111 044	93
—	125	—	P	110 038	50	KS175S	174	—	R	110 046	123	Mark III			R	112 045	96
			R	110 044	126	PAPERINO—Italy						PM2	49	1962	PC	*111 044	100
B	125	—	P	110 038	50	—	38	1955/6	R	*111 044	99	'Gadabout'—			R	112 045	103
			R	110 046	122	ST	49	1955/6	R	*111 044	99	Mark IV					
C	125	1950/2	P	110 038	50				PC	110 038	122	PHOENIX—Holland					
			R	110 046	114	SL Sport	49	1956/7	R	*111 046	92	Toer	47	1961/2	R	112 045	98
—	150	1958/62	P	110 038	50	SL Z50	49	1956/7	R	110 038	120	Sport	47	1961/2	R	112 045	102
			R	110 046	122	SL Z57	49	1956/7	R	110 038	124	Saxonette	47	1961/2	R	112 045	96
GT 4 Stroke	175	1960/2	R	110 046	116	SL Z58	49	1956/7	R	110 038	130	PIAGGIO—Italy					
PANTHER—Great Britain						Baio 1st series	100	1956/7	R	*111 046	126	—	125	1952	R	110 044	115
M10/3	197	1956/60	P	110 038	66	Baio 2nd series	100	1956/7	R	110 044	126	Ape,	125	1954	R	110 044	114/115
			R	110 046	119	PARILLA—Italy						Lightcarrier					
M10/3A	197	1956/62	P	110 038	58	—	49	—	R	112 045	94	PIATTI—Great Britain					
			R	110 046	125	Slughi/Olimpia	—	—	R	110 044	94	—	125	1955/8	P	110 038	82
M10/4	197	1956/62	P	110 038	58		125	—	R	110 044	106						
			R	110 046	125	—	175	—	R	110 046	112						
Stroud	250	1952/3	P	110 046	67	—	350	—	R	110 046	118						
			R	110 056	105												
M65 and M65	250	1952/3	P	110 046	64												
De-Luxe			R	110 046	108												
Rigid Frame																	
M65	250	1953	P	110 046	64												
Spring Frame			R	110 046	112												

P — Primary R — Rear PC — Pedalling Chain * — or chain 111 048 † — or chain 111 049

Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches						
PIROTTA—Italy						RAID—Spain						RELIANT—continued											
Ciclomotore	49	1954	R	112 046 or †111 046	93/96	—	125	—	P R	110 038 110 046	64 114	Regal Mark 5	750	1959/60	C	114 038	44						
Motoleggera	75	1954	P R	110 038 †111 046	40 109	—	197	—	P R	110 038 110 046	66 114	Regal Mark 6	750	1961/2	C	114 038	44						
P.J.K. (Kusse)—Holland						RALEIGH—Great Britain						REX—Sweden											
M50	48	1955	PC R	*111 044 112 045	98 114	RM1	49	1958/9	PC R	*111 044 112 045	105 112	Vicoped	50	1954	R	112 045	114						
PONETTE—Holland						RM1C	49	1959/60	PC R	*111 044 112 045	105 112	Rexoped Victoria 26 in.	50	1955/8	R	112 045	114						
P2	48	1959	R	†111 046	102	RM2C	49	1960/1	PC R	*111 044 112 045	105 112	Rexoped Victoria 24 in.	50	1955/8	R	112 045	112						
P3	48	1960	R	†111 046	102	RM4	49	1961/2	PC R	*111 044 112 045	93 96	Midget 51	98	1952/3	P R	110 038 112 045	54 112						
P3S	48	1961	R	112 045	101	'Automatic'	49	1961/2	PC R	*111 044 112 045	93 96	Telespeed	125	1952	P R	110 038 110 044	64 112						
P3T	48	1961	R	112 045	101	RM5	49	1961/2	PC R	*111 044 112 045	100 103	Solospeed	125	1952/3	P R	110 038 110 044	64 110						
PP4	48	1962	R	112 045	105	'Supermatic'	49	1961/2	PC R	*111 044 112 045	100 103	Competition	125	1952/3	P R	110 038 110 044	64 110						
POWERDRIVE—Great Britain						RS1	78	1961/2	R	110 046	80	Solomax	150	1954/8	P R	110 038 110 044	66 110						
—	322	1957	P	114 038	70	'Roma' Scooter	78	1961/2	R	110 046	80	TT	150	1955/8	P R	110 038 110 044	66 112						
PROGRESS—Germany						RS2	78	1962	R	110 046	80	Motocross	150	1955/8	P R	110 038 110 044	66 114						
Motorroller 'Strolch'	—	—	R	110 046	64	RAP—Holland						Roadmaster	200	1952	P R	110 044 110 044	50 114						
'Progress 200'	—	1956	R	110 046	64	Model 50 and De-Luxe	49	1954/5	R	112 045	100	Fleetmaster/3	200	1952	P R	110 044 110 044	50 116						
PUCH—Austria						De-Luxe	49	1956/7	R	†111 046	100	Roadmaster	200	1953	P R	110 038 110 044	66 114						
MS50 Moped	50	1955/8	R	112 045	91/94	Super and Sport 2V	49	1957	R	†111 046	106	Fleetmaster/4	200	1953	P R	110 038 110 044	66 116						
VS50 Moped	50	1957/8	R	112 045	91/94	Ster	49	1958	R	†111 046	106	Fleetmaster Sport	200	1953	P R	110 038 110 044	66 116						
DS50	50	1960	P R	*111 044 110 044	54 102	Super 2V	49	1958	R	112 045	106	RIEJU—Spain				—	125	—	R	110 046	103		
RL125 Scooter	125	1952/8	R	110 044	94/95	Super 3V Holl.	49	1958	R	112 045	108	T, 4 Stroke	175	—	R	110 046	120						
SV125	125	1955/8	R	110 046	118	Super 3V Exp.	49	1958	R	112 045	106	Twin	250	1961/2	P R	110 038 110 046	60 120						
SVS125	125	1955/8	R	110 046	118	Sport 3V	49	1958	R	112 045	106	Twin	325	1961/2	P R	110 038 110 046	60 119						
SR150 Scooter	150	1957/8	R	110 044	94/95	Imperial Holl.	49	1959/62	R	112 045	108	RIXE—Germany				T98	98	—	R	112 046	105		
SRA150 Scooter	150	1957/8	R	110 044	94/95	Imperial Exp.	49	1959/62	R	112 045	106	KT175	175	—	R	110 046	118						
SV175	175	1955/8	R	110 046	118	Ster enkelzit Holl.	49	1959/62	R	112 045	106	KT250	250	—	R	110 046	114						
SVS175	175	1955/8	R	110 046	118	Ster enkelzit Exp.	49	1959/62	R	112 045	106	ROA—Spain				Foxter	125	1952/60	P R	110 038 110 044	64 116		
SG250	250	1955/8	R	110 046	120	Ster dubbelzit Holl.	49	1959/62	R	112 045	106	Foxter	197	1952/60	P R	110 038 110 046	66 108						
SGS250	250	1955/8	R	110 046	120	Ster dubbelzit Exp.	49	1959/62	R	112 045	106	Super Foxter A, B	197	1956/62	P R	110 038 110 046	66 106						
PUCH—Germany						Rocky Holl.	49	1959/60	R	112 045	108	Motocarro O.P.	197	1952/60	P R	110 038 110 046	66 46						
Roller 125	125	—	R	110 044	94	Rocky Exp.	49	1959/60	R	112 045	106	Motocarro RC600	197	1962	P	110 038	66						
125	125	1952/62	R	110 046	112	Matador 3V enkelzit Holl.	49	1959/60	R	112 045	108	Raymar 3 Wheeler Delivery Van	197	1958/60	P R	110 038 110 046	66 96						
125SL, 150TL, SV, SVS175	—	—	R	110 046	118	Matador 3V enkelzit Exp.	49	1959/60	R	112 045	106	Raymar 3 Wheeler Delivery Van	197	1961/2	P	110 038	66						
250TF and TFS	250	—	R	110 046	112	Matador 3V dubbelzit Holl.	49	1959/60	R	112 045	108	Motocarro RC750	250	1960	P	110 038	66						
PUMA—Argentina						Matador 3V dubbelzit Exp.	49	1959/60	R	112 045	106	Twin Mont Juich	325	1957/62	P R	110 038 110 046	62 130						
Moped	98	1954/5	R PC	112 046 *111 044	104 106	Imperial Crown 3V Holl.	49	1961/2	R	112 045	108	Motocarro EARLES	325	1957/60	P R	110 038 110 046	62 42						
—	98	1958	R	112 046	104	Imperial Crown 3V Exp.	49	1961/2	R	112 045	106	Motocarro RC1000	325	1960/2	P	110 038	62						
—	98	1961	R	112 046	106	Imperial 2V Holl.	49	1961/2	R	112 045	106	RALEIGH—Great Britain				5 cwt. Van	750	1955/62	C	114 038	44		
RABENEICK—Germany						Imperial 2V Exp.	49	1961/2	R	112 045	104	6 cwt. Van	750	1952/5	C	114 038	44						
FP50	43	1954	R	112 045	119	Ster 2V EZ plus Buddy-seat Holl. Exp.	49	1961/2	R	112 045	106	Prince Regent	750	1953/4	C	114 038	44						
TM50 Moped Transport	47	1955	R	112 045	104	Rocky 3V Holl.	49	1961/2	R	112 045	108	Regent 10 cwt. Van	750	1955/6	C	114 038	44						
Binetta II	47	1955	R	112 045	104	Rocky 3V Exp.	49	1961/2	R	112 045	106	Regal Coupe	750	1952/6	C	114 038	44						
Binetta III 2/3 Gear Tourist and Sport	47	1957	R	112 045	104/105	Partner 3V Holl.	49	1961/2	R	112 045	106	Regal Coupe Mark 3	750	1957/8	C	114 038	44						
LM100/3	97	1957	R	110 046	106	Partner 3V Exp.	49	1961/2	R	112 045	106	Regal Mark 4	750	1959/60	C	114 038	44						
LK100	98	1953	R	112 046	111	RELIANT—Great Britain						5 cwt. Van	750	1955/62	C	114 038	44						
D150	146	1952	R	112 046	127	5 cwt. Van	750	1955/62	C	114 038	44	6 cwt. Van	750	1952/5	C	114 038	44						
GD150	146	1952	R	110 046	112	Prince Regent	750	1953/4	C	114 038	44	Regent 10 cwt. Van	750	1955/6	C	114 038	44						
GM175/4	173	1952	R	110 046	108	Regal Coupe	750	1952/6	C	114 038	44	Regal Coupe	750	1957/8	C	114 038	44						
LS175	173	1953	R	110 046	112	Regal Coupe Mark 3	750	1957/8	C	114 038	44	Regal Mark 4	750	1959/60	C	114 038	44						
GI 200	197	1953	R	110 046	108	RELIANT—continued						Regal Mark 5	750	1959/60	C	114 038	44						
L1.200	197	1953	R	110 046	109	Regal Mark 6	750	1961/2	C	114 038	44	REX—Sweden						Vicoped	50	1954	R	112 045	114
F250/2	244	1952	R	110 046	112	RELANT—continued						Rexoped	50	1955/8	R	112 045	114						
F250/1	247	1952	R	110 046	112	5 cwt. Van	750	1955/62	C	114 038	44	Rexoped Victoria 26 in.	50	1955/8	R	112 045	112						

P — Primary R — Rear C — Camshaft PC — Pedalling Chain * — or chain 111 048 † — or chain 111 049

Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches
ROYAL ENFIELD—Great Britain						ROYAL ENFIELD—continued						SAROLEA—continued					
RE2	125	1952/5	P	110 038	46	Constellation	* 692	1958/62	P	114 038	82	52 Continental	400	1952	P	114 038	96
			R	110 044	113	Sidecar			R	110 056	99	Super s.v			R	110 046	106
RE150 Ensign	148	1953/8	P	110 038	46				C	110 038	66	Atlantic	500	1952/3	P	114 038	96
			R	110 044	112									R	110 056	88	
Prince	148	1959/62	P	110 038	46	ROYAL NORD—Belgium								D	114 500	42	
			R	110 044	111	R N — 2 gear	49	1955	P	110 038	46	Atlantic Sidecar	500	1952/3	P	114 038	94
Clipper	248	1954/8	P	110 046	66	Standard			R	112 045	106			R	110 056	88	
Series 1			R	110 056	93	Super Luxe	49	1957	P	110 038	46			D	114 500	42	
S	248	1952/3	P	110 046	73				R	112 045	117	Cross	500	1952/3	P	110 046	74
			R	110 056	84	Super Luxe	49	1960	P	110 038	46			R	110 056	88	
SF	248	1953	P	114 038	88	Super Sport	49	1957	P	110 038	46	Cross	500	1954/5	P	110 046	74
			R	110 056	93				R	112 045	117			R	110 056	100	
Clipper	248	1958/62	P	110 038	70	Scooter	49	1959	P	110 038	46	Atlantic	600	1952/5	P	114 038	96
Series II			R	110 046	120				R	112 045	112	'Major'		R	110 056	88	
			C	114 500	38	Sport	49	1959	R	112 045	106			D	114 500	42	
Crusader	248	1957/62	P	110 038	70	Scooter	49	1960	R	112 045	108	Atlantic	600	1952/5	P	114 038	94
			R	110 046	120							'Major'		R	110 056	88	
			C	114 500	38							Sidecar		D	114 500	42	
Crusader Sports	248	1958/62	P	110 038	70	RUMI—Italy						Colonial s.v	600	1952/4	P	114 038	96
			R	110 046	120	Sport	125	1953/4	R	110 044	112			R	110 056	88	
			C	114 500	38	Scooter	125	1953/4	R	110 044	94	Colonial s.v	600	1952/4	P	114 038	94
G	346	1952/5	P	110 046	74	Little Ant	125	1958	R	110 044	98	Sidecar		R	110 056	88	
			R	110 056	84	Scooter						Grand Tourisme	600	1952/4	P	114 038	96
G2 350 Bullet	346	1952/62	P	114 038	90	Squirrel Scooter	125	1958	R	110 044	102			R	110 056	88	
			R	110 056	94							Grand Tourisme	600	1952/4	P	114 038	94
G De-Luxe or	346	1955/7	P	110 046	67	SADRIAN—Spain								R	110 056	88	
350 Clipper			R	110 056	93	T-17	125	1956/62	P	110 038	64	SCOOTACAR—Great Britain					
350 Clipper	346	1958/62	P	114 038	90				R	110 046	109	Standard	197	1957/62	P	110 038	58
			R	110 056	94	T-17 200/3	197	1957/62	P	110 038	66			R	110 046	92	
500 Twin	496	1952/6	P	114 038	90				R	110 046	109	De-Luxe	197	1960/2	P	110 038	58
			R	110 056	95	SALIRA—Belgium								R	110 046	92	
			C	110 038	66	Moteur Villiers	197	1955	R	110 044	118	De-Luxe Twin	324	1962	P	110 038	62
			D	114 500	44	Z201, A201 L201								R	110 046	92	
Coil Ignition (Dynamo)			D	110 500	48	Moteur Villiers	197	1955	R	110 044	118						
500 Twin	496	1957/8	P	114 038	90	A150, Z150						SIAMBRETTA—Argentina					
			R	110 056	95	SANGLAS—Spain						—	48	1958	R	112 045	119
			C	110 038	66	Rovena Twin	250	1961/2	P	110 038	60	SIMPLEX—Holland					
			D	110 500	40				R	110 046	120	S1	48	1955	R	112 045	104
							295	—	P	110 038	70	S8	49	1959/62	R	112 045	98
									R	110 046	126	S9	49	1959/60	R	112 045	96
									D	110 038	50	S10	49	1959/60	PC	*111 044	94
												S11	49	1959/60	PC	*111 044	94
												S12	49	1959/62	PC	*111 044	94
												S14	49	1959/60	R	112 045	98
												S15	49	1961	R	112 045	101
												S16	49	1960/1	R	112 045	96
												S16A	49	1961/2	R	112 045	96
												S17	49	1962	R	112 045	101
												S19	49	1962	R	112 045	96
												S20	49	1962	R	112 045	100
												SII & SIII	50	1956	R	112 045	96
												SV	50	1957	R	112 045	98
												SVII	50	1957/60	R	112 045	97
												SOCOVEL—Belgium					
												Series D & E	125	1954/5	P	110 038	64
												12D engine		R	110 046	116	
												Series B	150	1955	P	110 038	66
												30C engine		R	110 046	114	
												Series A, B & C	200	1952	P	110 044	50
												6E engine		R	110 044	116	
												Series D, E & F	200	1952/5	P	110 038	66
												8E engine		R	110 046	114	
												Series A, B & C	250	1952/5	R	110 046	112
												J250 engine					
												Series B & C	350	1952/5	R	110 046	110
												J350 engine					
Constellation	692	1958/62	P	114 038	92												
Solo			R	110 056	100												
			C	110 038	66												

P — Primary R — Rear C — Camshaft PC — Pedalling Chain D — Dynamo MD — Magneto-Dynamo * — or chain 111 048

Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches
SPARTA—Holland						TANDON—Great Britain						TRIUMPH—continued					
MC50	32	1959/62	PC	*111 044	90	Milemaster	122	1952	P	110 038	64	T20 Trials	200	1962	P	114 038	62
FP50	49	1953/4	R	112 045	118/120				R	110 044	109				R	110 044	119
FP50	49	1955	R	112 045	114	Supaglid	122	1952/3	P	110 038	64	T20 Scrambler	200	1962	P	114 038	62
G50	49	1955	R	112 045	96				R	110 044	109				R	110 044	119
GD50 Tour	49	1959/62	R	112 045	96	Kangaroo	122	1952/3	P	110 038	64	3TA — '21'	350	1957/60	P	114 038	78
GD50 Dubbelzit	49	1959/62	R	112 045	96				R	110 044	113				R	110 056	100
GD50 Sport	49	1959/62	R	112 045	96	Imp	125/147	1953	P	110 038	64	3TA — '21'	350	1961/2	P	114 038	78
GD50 Sport Dubbelzit	49	1959/62	R	112 045	96				R	110 044	113				R	110 056	101
Villiers 10D	125	1952/3	P	110 038	64	Supaglid Supreme	197	1952/3	P	110 044	50	5T Speed Twin	500	1952/4	P	110 046	78
			R	110 044	110	with 8E engine	197	1953	P	110 038	66				R	110 056	92
Villiers 6E	200	1952	P	110 044	50				R	110 044	109	5T Speed Twin Sidecar	500	1952/4	P	110 046	77
			R	110 044	114	Kangaroo Supreme	197	1953	P	110 044	50				R	110 046	70
NL200	200	1953/60	P	110 038	66				R	110 044	113	5T Speed Twin	500	1955/8	P	110 056	100
			R	110 046	116	with 8E engine	197	1953	P	110 038	66	5T Speed Twin Sidecar	500	1955/8	R	110 056	100
Victoria	250	1952/3	R	110 046	106				R	110 044	113	Tiger 100	500	1952/3	P	110 046	78
NL250 & SL250	250	1953/8	R	110 046	122	Imp Supreme	197	1953	P	110 044	50				R	110 056	92
250 Twin	250	1955	R	110 046	116				R	110 044	113	Tiger 100 Sidecar	500	1952/3	P	110 046	77
						with 8E engine	197	1953	P	110 038	66				R	110 056	92
									R	110 044	113	Tiger 100	500	1954/9	P	110 046	70
SPIJKSTAAL—Holland						TEMPO—Norway									R	110 056	100
3 Wheeler Standard	—	1962	FW	114 038	104	Villiers 10D	125	1952/3	P	110 038	64	Tiger 100 Sidecar	500	1954/9	P	110 046	69
									R	110 044	112				R	110 056	100
4 Wheeler Terrier	—	1962	Steer Front	110 046	126	Villiers 12D	125	1952/5	P	110 038	64	TR5 Trophy	500	1952/4	P	110 046	76
				114 038	128				R	110 044	112				R	110 056	90
STAFETT—Norway						Villiers 30C	150	1953/5	P	110 038	66	TR5 Trophy	500	1955/8	P	110 046	70
Moped	50	1953/4	PC	*111 044	93				R	110 044	116				R	110 056	100
			R	111 046	103	TEMPO-SWING—Norway						TRW	500	1952/8	P	110 046	74
Moped	50	1955	R	112 045	96	Sachs	175	1957/9	R	110 046	118				R	110 056	90
Moped 1 Gear	50	1956/60	PC	110 037	40	TEMPO-TAIFUN—Norway						5TA Speed Twin	500	1959/60	P	114 038	78
Moped 2 Gear				110 038	38	Sachs	125	1962	R	110 046	118				R	110 056	101
			R	112 045	98	TEMPO-SPORT—Norway						5TA Speed Twin	500	1961/2	P	114 038	78
STERZI—Italy						Sachs	125/175	1962	R	110 046	118	T100S/S Tiger 100	500	1962	P	114 038	78
1st series	49	1957	C	110 037	39				R	110 046	124				R	110 056	101
Turismo	125/160	1954	P	110 038	50	TEMPO-MOTOCROSS—Norway						Tiger 100A	500	1960/1	P	114 038	78
			R	110 044	118	Sachs	125	1962	R	110 046	124				R	110 056	101
Sport G	160	1954	P	114 038	51	TEMPO-PROGRESS—Norway						T100SC	500	1962	P	114 038	78
			R	110 044	118	Sachs	200	1957/9	R	110 046	100				R	110 056	100
Confort	160	1954	R	110 044	112	TEMPO-LETT HANDY—Norway						6T Thunderbird	650	1952/4	P	110 046	80
Giro d'Italia	175	1954	P	114 038	51	Sachs	50	1953/5	R	112 045	98				R	110 056	92
Turismo 4/T			R	110 046	133	TEMPO-LETT COMFORT—Norway						6T Thunderbird Sidecar	650	1952/4	P	110 046	78
SUN—Great Britain						Sachs 2 Gear	50	1957	R	112 045	94				R	110 056	92
1F and 4F	98	1952/5	P	110 037	56	Sachs 3 Gear	50	1957	R	112 045	96	6T Thunderbird	650	1954/8	P	110 046	70
Hornet			R	112 045	113	TEMPO-LETT CORVETTE—Norway									R	110 056	101
Geni Scooter	98	1957/60	P	110 037	56	Sachs	50	1960/2	R	112 045	102	6T Thunderbird Sidecar	650	1954/9	P	110 046	70
			R	112 045	115	TEMPO-LETT SWING—Norway									R	110 056	100
10D and 12D	122	1952/3	P	110 038	64	Sachs 2 Gear	50	1958/9	R	112 045	100	Tiger 110	650	1954/9	P	110 046	70
			R	110 044	113	Sachs 3 Gear	50	1958/9	R	112 045	102				R	110 056	101
Challenger	122	1954/5	P	110 038	64	TEMPO-VICKY—Norway						Tiger 110 Sidecar	650	1954/9	P	110 046	70
			R	110 044	120	Sachs	50	1952/3	P	111 046	110				R	110 056	99
Challenger	147	1954/5	P	110 038	64				R	112 045	104	Tiger 110	650	1960/1	P	110 046	70
			R	110 044	120	TRIUMPH—Great Britain									R	110 056	99
Sunwasp Scooter	173	1959/60	P	110 038	58	T15 Terrier	150	1953/6	P	110 038	62	TR6 Trophy	650	1956/9	P	110 046	70
			R	110 046	97				R	110 044	112				R	110 056	101
6E	197	1952	P	110 044	50	T20 Tiger Cub	200	1954/5	P	110 038	62	TR6 Trophy	650	1960	P	110 046	70
			R	110 044	115				R	110 044	112				R	110 056	99
8E	197	1953	P	110 038	66	T20 Tiger Cub	200	1956/7	P	110 044	48	TR6 Trophy	650	1961/2	P	110 046	70
			R	110 044	115				R	110 044	116				R	110 056	98
Challenger	197	1954/5	P	110 038	66	T20 Tiger Cub	200	1958/62	P	114 038	62	T120 Bonneville	650	1959	P	110 046	70
			R	110 044	120				R	110 044	112				R	110 056	99
Century	197	1957	P	110 038	66	T20 S Tiger Cub Sports	200	1959/62	P	114 038	62	T120 Bonneville	650	1961/2	P	110 046	70
			R	110 046	120				R	110 044	113				R	110 056	98
Wasp	197	1956/9	P	110 038	58	T20 S/S Sports Cub	200	1962	P	114 038	62	TYPHOON—Holland					
			R	110 046	127				R	110 044	113	Davis	48	1958	R	112 045	96
Cyclone	224	1954/5	P	110 038	60							Sport HMW	49	1955	R	112 045	102
			R	110 046	125										PC	*111 044	94
Overlander	250	1957/9	P	110 038	60							Zündapp	49	1955	R	112 045	118
			R	110 046	129										P	*111 044	99
SUNBEAM—Great Britain												Mosquito	49	1955	P	*111 044	99
S7 and S8 o.h.c Twin	487	1952/7	C	110 038	56							Futura and Sport	49	1956/9	R	112 045	102

P — Primary R — Rear C — Camshaft PC — Pedalling Chain FW — Front Wheel * — or chain 111 048 † — or chain 111 049

Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches	Make & model	c.c.	Year	Drive	Chain No.	Pitches
TYPHOON —continued						VELOCETTE —continued						VINCENT —Great Britain					
Special	49	1957/9	R	112 045	110	Venom Solo	500	1956/62	P	110 046	68	Comet C	499	1952/4	P	110 046	64
Sport	49	1960	R	112 045	102	Spring Frame			R	110 056	101				R	110 056	108
Guilietta	49	1960	R	112 045	95	Venom Clubman	500	1959/62	P	110 046	68	Victor D	499	1955	P	110 046	64
Guilietta	49	1961	R	112 045	98	Spring Frame			R	110 056	101				R	110 056	108
Tourist	49	1961	R	112 045	98	Solo						Rapide C	998	1952/4	P	116 038	94
Sport	49	1961/2	R	112 045	98	Venom	500	1955/62	P	110 046	68				R	110 056	106
Super Sport	49	1962	R	112 045	98	Sidecar			R	110 056	100	Rapide D	998	1955	P	116 038	94
Donna	49	1962	R	112 045	98	Endurance	500	1955/62	P	110 046	68				R	110 056	106
						Sidecar			R	110 056	100	Black Shadow C	998	1952/4	P	116 038	94
UNICAR —Great Britain						VICKY —Holland									R	110 056	106
—	322	1957	P	114 038	70	MFB	48	1954/5	PC	*111 044	96	Black Shadow D	998	1955	P	116 038	94
UNION —Holland									R	112 045	115				R	110 056	106
Roulette	32	1959/61	PC	*111 044	94	Top Class	48	1954	R	112 045	108	Black Knight	998	1955	P	116 038	94
Roulette-o-matic	47	1961/2	R	112 045	96	Super	48	1958	PC	*111 044	94				R	110 056	106
Saxonette engine									R	112 045	108	Black Lightning	998	1952/5	P	116 038	94
FP50	49	1953/4	PC	*111 044	97	Novita	48	1958	R	112 045	102	Racing			R	110 054	as required
			R	112 045	118							Black Prince D	998	1955	P	116 038	94
G50	49	1955	R	112 045	96	VICTORIA —Germany									R	110 056	106
Sport	49	1958	R	112 045	94	Vicky II	38	1955	R	112 045	122	WURRING —Germany					
Super Sport	49	1958	R	112 045	94	Nicky	47	1954/8	R	112 045	114/116	SZ175, 4 Gear	—	—	R	110 046	122
Sport	49	1959/62	R	112 045	98	Tory	48	1957/8	PC	*111 044	96	ZÜNDAPP —Germany					
Super Sport	49	1959/62	R	112 045	98				R	112 045	106/110	Combinette 423	50	1958	R	112 045	118
						Vicky III	48	1955/8	PC	*111 044	96	Combinette 428	50	—	R	112 045	114
VELOCETTE —Great Britain									R	112 045	106/110	Combinette 429	50	—	R	112 045	114
Viceroy	248	1961/2	P	114 038	54	Vicky III N	48	1957/9	PC	*111 044	96	Falconette 425	50	—	R	112 045	114
MAC	350	1952/5	P	110 046	75				R	112 045	106/110	Falconette 435	50	—	R	112 045	114
Rigid Frame			R	110 046	108	Vicky IV	48	1955/9	Str	110 037	32	Roller-Bella R150	150	—	R	110 044	96
MAC	350	1953/5	P	110 046	67				R	112 045	106/108	R151, R154					
Spring Frame			R	110 046	124	Vicky IV E	48	1957	Str	110 037	32	Trophy 175	175	—	R	110 046	110
Scrambler	350	1956/62	P	110 046	67				R	112 045	106/108	Roller-Bella, Solo	200	—	R	110 046	120
Spring Frame			R	110 056	108	Vicky Luxus	48	1958/60	Str	110 037	32	R200, R201, R204					
Solo									R	112 045	106/108	Roller-Bella	200	—	R	110 046	124
Viper Solo	350	1956/62	P	110 046	67	Vicky Standard	48	1958	Str	110 037	32	Sidecar					
Spring Frame			R	110 046	124				R	112 045	106/108	R200, R201					
Viper Clubman	350	1959/62	P	110 046	67	Avanti	48	1957/9	Str	110 037	32	200S, 201S	200	—	R	110 046	116
Spring Frame			R	110 046	124				R	112 045	106/108	250S	250	—	R	110 046	116
Solo						Avanti K	48	1957/60	Str	110 037	32	DS350 Solo	350	—	R	110 046	125
MSS Solo	500	1954/62	P	110 046	68				R	112 045	106/108	DS350 Sidecar	350	—	R	110 046	104
Spring Frame			R	110 056	101	Preciosa	48	1957/60	Str	110 037	32						
MSS Sidecar	500	1954/62	P	110 046	68				R	112 045	106/108	ZWALVE —Holland					
Spring Frame			R	110 056	100	F17 Vicky Std.	48	1960	R	112 045	104	Y500	250	1952/5	R	110 056	118
MSS Scrambler	500	1955/62	P	110 046	68	P17 Parilla	175	1957	R	110 046	116	Y100	400	1952/4	R	110 056	118
Spring Frame			R	110 056	108	Peggy	197	1956	R	110 046	97/98	Y1000	400	1955	R	110 056	97
Endurance	500	1955/62	P	110 046	68	KR21 Swing	197	1955	R	110 046	98						
Spring Frame			R	110 056	101	KR26 Aero	245	1952	R	110 046	122						
Solo						KR26N Aero	245	1952	R	110 046	122						

P — Primary R — Rear PC — Pedalling Chain Str. — Starter * — or chain 111 048

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