

DUCATI

Belt-Drive Two-Valve Twins Restoration Guide



Ian Falloon

REVISED EDITION

These are the data charts for Ian Falloon's book, Ducati Belt-Drive Twin Motorcycle Restoration Guide.

The charts provide incredible detail on the bikes, including:

Detailed production figures, listed by year and model variation

Valve timing specifications

Clutch composition

(number of plates, thickness, and part number, plus updates made to the specs)

Gear ratios

Stock gearing

Carburetor specifications (carburetor model number and brand with stock jet and needle sizes)

General specifications (bore, stroke, compression ratio, displacement, valve clearance, tire sizes, brake types, wheelbase, seat height, dimensions)

Fuel and other fluid capacities

Fork types

PRODUCTION FIGURES FOR TWO-VALVE BELT-TWIN DUCATIS 1979-2001

Model 500 twin cylinder Pantah

Code	Description	1979	1980	1981	1982	1983	TOTAL
	500 twin cylinder Pantah	163	1,459	1,804	408	1	3,835
Total	Model 500 twin cylinder Pantah	163	1,459	1,804	408	1	3,835

Model 600 twin cylinder Pantah

Code	Description	1980	1981	1982	TOTAL
	600 twin cylinder Pantah	1	1,094	1,251	2,346
	600 twin cylinder Pantah TT2 Racing			20	20
Total	Model 600 twin cylinder Pantah	1	1,094	1,271	2,366

Model XL - TL - SL Pantah

Code	Description	1982	1983	1984	1985	TOTAL
065900725	350 TL Pantah Europe		275		1	276
	350 XL Pantah Europe	749	191			940
	350 SL Pantah Europe		211			211
	600 TL Pantah	288	513			801
	600 SL Pantah		551	32		583
	600 SL Pantah Racing		30			30
66800525	600 SL Pantah Vigili Urbani	99			1	100
	650 SL Pantah		288			288
Total	Model XL - TL - SL Pantah	1,136	2,059	32	2	3,229

Model Cagiva Ala Azzurra

Code	Description	1985	1986	TOTAL
036200525	Cagiva 650 Ala Azzurra Soccorso Sanitario		10	10
036300525	Cagiva 350 Ala Azzurra	270		270
036300925	Cagiva 400 Ala Azzurra		100	100
036400525	Cagiva 650 Ala Azzurra	276		276
036400830	Cagiva 650 Ala Azzurra fairing		380	380
037400730	Cagiva 650 Ala Azzurra U.S.A.	453	47	500
Total	Model Cagiva Ala Azzurra	999	537	1,536

Model F3

Code	Description	1986	1987	1988	TOTAL
035000525	350 F3 1986	470			470
034000525	400 F3 1986	300			300
034000625	400 F3 Ed. 9/1986	206	94		300
034000628	400 F3 6 M tank Red			150	150
034000629	400 F3 6 M tank White			150	150
Total	Model F3	976	94	300	1,370

Model Indiana

Code	Description	1986	1987	1988	1989	1990	TOTAL
035100325	350 Indiana Black 1986	511					511
035100528	350 Indiana Red 1986	115					115
035100530	350 Indiana Amaranth 1986	174					174
036100525	650 Indiana Black 1986	382					382
036100535	650 Indiana Blue 1986	318					318
036100725	650 Indiana Black U.S.A. 1986	3	249				252
036100825	650 Indiana Vigili Urbani			36	14	12	62
037100525	750 Indiana Black 1986	250			1		251
037100530	750 Indiana Silver 1986	61	189		1		251
037100625	750 Indiana Vigili Urbani				2		2
Total	Model Indiana	1,814	438	36	18	12	2,318

Model F1 and derivatives

Code	Description	1985	1986	1987	TOTAL
067000625	750 F1 Acc. Kokusan 1986		250		250
067000730	750 F1 Acc. Kokusan 1986 U.S.A.		50		50
067500525	750 F1 Ed. 12/1985	33	793		826
067500625	750 F1 Ed. 7/1985	591			591
067500725	750 F1 Ed. 12/1985 U.S.A.		84		84
037700525	750 Montjuich 1986		180		180
037700725	750 Montjuich 1986 U.S.A.		20		20
067000825	750 Laguna Seca 1987 monoposto			150	150
067000826	750 Laguna Seca 1987 U.S.A.			50	50
067000830	750 Laguna Seca 1987 biposto			96	96
067000840	750 Santamonica			204	204
Total	Model F1 and derivatives	624	1,377	500	2,501

Model Paso

Code	Description	1986	1987	1988	1989	TOTAL
037000525	750 Paso Red 1986/87	1,023	828			1,851
037000625	750 Paso Red Ed. 7/87		450			450
037000626	750 Paso White Ed. 7/87		50			50
037000725	750 Paso Red 1986 U.S.A.	2	390			392
037000733	750 Paso Red 1987/88 California			350		350
037000734	750 Paso Blue 1987/88 California		150	100		250
037000735	750 Paso Red 1987/88 U.S.A.		1,010	55		1,065
037000736	750 Paso Blue 1987/88 U.S.A.		250	55		305
037000737	750 Paso White 1987/88 U.S.A.		50			50

037000740	750 Paso 1987/88 U.S.A. uprated		50			50
037000741	750 Paso 1987/88 Calif. uprated		50			50
00190021B	906 Paso Europe Red 1988			502		502
00190021C	906 Paso Europe Red 1989				400	400
00190022A	906 Paso U.S.A. Red 1988			250		250
00190024B	906 Paso Switz. Red 1988			100		100
00190027B	906 Paso Europe Blue 1988			200		200
00190027C	906 Paso Europe Black 1989				100	100
00190028B	906 Paso Europe Black 1988			100		100
00190029A	906 Paso U.S.A. Blue 1988			100		100
00190029B	906 Paso Switz. Blue 1988			50		50
Total	Model Paso	1,025	3,278	1,862	500	6,665

Model 907 I.e.

Code	Description	1989	1990	1991	1992	TOTAL
00190021AA	907 I.e. Europe 1990	1	1052			1,053
00190021DA	907 I.e. Europe 1992			60	270	330
00190021DB	907 I.e. Europe 1992 Black			110		110
00190022DA	907 I.e. U.S.A. 1990		195			195
00190022EA	907 I.e. U.S.A. 1992			146	140	286
00190022EA	907 I.e. U.S.A. 1992 Black			64		64
00190023DA	907 I.e. California 1990		55			55
00190023EA	907 I.e. California 1992			63	40	103
00190023EB	907 I.e. California 1992 Black			27		27
00190027DA	907 I.e. Germany 1992			10	50	60
00190027DB	907 I.e. Germany 1992 Black			20		20
Total	Model 907 I.e.	1	1,302	500	500	2,303

Model 350 Supersport

Code	Description	1991	1992	1993	TOTAL
00190211AA	350 Ssport Italy 1992 Half-fairing	1	501		502
00190211BA	350 Ssport Italy 1993 Half-fairing		250	100	350
Total	Model 350 Supersport	1	751	100	852

Model 400 Supersport

Code	Description	1989	1990	1991	1992	1993	1994	1995	1996	1997	TOTAL
00190121AA	400 Ssport 1990 Junior Japan	301	300								601
00190121AA	400 Ssport 1990 Junior Japan		40								40
00190121BA	400 Ssport 1991 Junior Japan			199							199
00190122BA	400 Ssport 1991 Junior Japan Half-fairing			295							295
00190121CA	400 Ssport 1992 Junior Japan			1							1
00190121DA	400 Ssport 1992 Half-fairing Europe			5							5
00190121FA	400 Ssport Europe 1993 Half-fairing				130	50					180
00190125FA	400 Ssport Australia 1993 Half-fairing				20						20
00190126FA	400 Ssport Japan 1993 Half-fairing					80					80
00190126GA	400 Ssport Japan 1993 Fairing				150	70					220
00190281BA	400 Ssport EU 1994 Half-fairing					200					200
00190282BA	400 Ssport Italy 1994 Half-fairing low power					200					200

00190286AA	400 Ssport Japan 1994 Fairing					80					80
00190286BA	400 Ssport Japan 1994 Half-fairing					170					170
00190286CA	400 Ssport Japan 1995 Fairing						100				100
00190286DA	400 Ssport Japan 1995 Half-fairing						50				50
00190286GA	400 Ssport Japan 1996/98 Fairing Red								120	130	250
00190286GB	400 Ssport Japan 1998 Fairing Yellow									10	10
00190286HA	400 Ssport Japan 1996/98 Half-fairing Red							80		50	130
00190286HB	400 Ssport Japan 1998 Half-fairing Yellow									10	10
Total	Model 400 Supersport	301	340	500	300	850	150	0	200	200	2,841

Model 600 Supersport

Code	Description	1993	1994	1995	1996	1997	TOTAL
00190291AA	600 Ssport Europe 1994 Half-fairing	2	210				212
00190291CA	600 Ssport Europe 1994 Fairing		1,013				1,013
00190291EA	600 Ssport Europe 1995 Half-fairing		35				35
00190291FA	600 Ssport Europe 1995 Fairing		219	125			344
00190291IA	600 Ssport Italy 1995 Fairing Low power.			160			160
00190291NA	600 Ssport Europe 1996 Fairing			147	161		308
00190291SA	600 Ssport Europe 1996 Fairing Low power.			10	15		25
00190291TA	600 Ssport Europe 1997 Fairing Red					218	218
00190291TB	600 Ssport Europe 1997 Fairing Yellow					114	114
00190291VA	600 Ssport Europe 1997 Half-fairing Red					23	23
00190291VB	600 Ssport Europe 1997 Half-fairing Yellow					2	2
00190291WA	600 Ssport Italy 1997 Half-fairing Low power. Red					47	47
00190291WB	600 Ssport Italy 1997 Half-fairing Low power. Yellow					44	44
00190294FA	600 Ssport Switz. 1995 Fairing		1	80			81
00190295IA	600 Ssport Australia 1995 Fairing			20			20
00190295LA	600 Ssport Australia 1996 Fairing			20	50		70
00190295MA	600 Ssport Australia 1997 Fairing Red					63	63
00190295MB	600 Ssport Australia 1997 Fairing Yellow					20	20
00190295NA	600 Ssport Australia 1997 Half-fairing				1		1
00190297AA	600 Ssport Germany 1994 Half-fairing		100				100
00190297CA	600 Ssport Germany 1994 Fairing		267				267
00190297GA	600 Ssport Germany 1995 Half-fairing		30				30
00190297IA	600 Ssport Germany 1995 Fairing		90	60			150
00190297LA	600 Ssport Germany 1996 Fairing			30	100		130
00190297MA	600 Ssport Germany 1997 Fairing Red					95	95
00190297MB	600 Ssport Germany 1997 Fairing Yellow					25	25
00190298CA	600 Ssport England 1994 Fairing		260				260
00190298IA	600 Ssport England 1995 Fairing		125	55			180
00190298LA	600 Ssport England 1996 Fairing			30	136		166
00190298MA	600 Ssport England 1997 Fairing Red					100	100
00190298MB	600 Ssport England 1997 Fairing Yellow					50	50
Total	Model 600 Supersport	2	2,350	737	463	801	4,353

Model 750 Supersport

Code	Description	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
001900031A	750 Ssport Europe Ed. 5/1988	568													568
001900031BA	750 Ssport Europe Oil 1988 Red - Blue	151													151
001900031BB	750 Ssport Europe Oil 1988 Red - arg.	34	715												749
001900031BC	750 Ssport Europe Oil 1989 Red - arg.		100												100
001900032BB	750 Ssport U.S.A. Oil 1989 Red - arg.		300												300
001900033BB	750 Ssport Calif. Oil 1989 Red - arg.		100												100
001900038A	750 Ssport Europe Ed. 9/88 Black - arg.	95													95
001900039A	750 Ssport Europe Ed. 9/88 Red - arg.	393													393
001900034BA	750 Ssport Switz. 1989 Red		50												50
001900034BB	750 Ssport Switz. 1989 Red - arg.	1	100												101
001900034CA	750 Ssport Switz. 1990 Fairing			150											150
00190161AA	750 Ssport Europe 1991 Half-fairing			3	851	1									855
00190161BA	750 Ssport Europe 1992 Half-fairing				265	111									376
00190161CA	750 Ssport Europe 1992 Fairing				205	859									1,064
00190161DA	750 Ssport Europe 1993 Half-fairing					73	100								173
00190161EA	750 Ssport Europe 1993 Fairing					529	385								914
00190161FA	750 Ssport Italy 1993 Half-fairing						30								30
00190161GA	750 Ssport Italy 1993 Fairing						190								540
00190162AA	750 Ssport U.S.A. 1992 Half-fairing				80	60									140
00190162BA	750 Ssport U.S.A. 1993 Half-fairing					210									210
00190163AA	750 Ssport Calif. 1992 Half-fairing				35	25									60
00190163BA	750 Ssport Calif. 1993 Half-fairing					120									120
00190164AA	750 Ssport Switz. 1992 Half-fairing				25	25									50
00190164BA	750 Ssport Switz. 1992 Fairing				50										50
00190164CA	750 Ssport Switz. 1993 Half-fairing						50								50
00190164DA	750 Ssport Switz. 1993 Fairing					40	35								75
00190165AA	750 Ssport Australia 1992 Fairing					20									20
00190165BA	750 Ssport Australia 1993 Fairing					20									40
00190167AA	750 Ssport Germany 1991 Fairing							301							301
00190167BA	750 Ssport Germany 1992 Half-fairing				40	170									210
00190167CA	750 Ssport Germany 1992 Fairing				20	110									130
00190167DA	750 Ssport Germany 1993 Half-fairing					180	190								370
00190167EA	750 Ssport Germany 1993 Fairing					70	160								230
00190301AA	750 Ssport Europe 1994 Half-fairing						158	14							172
00190301BA	750 Ssport Europe 1994 Fairing						789	122							911

Model 400 Monster

Code	Description	1994	1995	1996	1997	1998	1999	2000	TOTAL
00190271AA	400 Monster Police Saudi Arabia	300							300
00190416AA	400 Monster Japan 1995 Red	1	200						201
00190416AB	400 Monster Japan 1995 Yellow		40						40
00190416BA	400 Monster Japan 1996 Red			60					60
00190416BB	400 Monster Japan 1996 Yellow			240					240
00190416DA	400 Monster Japan 1998 Red				235				235
00190416DB	400 Monster Japan 1998 Yellow				113				113
00190416DC	400 Monster Japan 1998 Black				16				16
00190416DD	400 Monster Japan 1998 Silver				36				36
M01001800	400 Monster Japan 2000 Red						3	160	163
M01001801	400 Monster Japan 2001 Red							80	80
M01024000	400 Monster Japan 2000 Blue							20	20
M01024001	400 Monster Japan 2001 Blue							50	50
M01000100	400 Monster Japan 2000 Yellow							70	70
M01000101	400 Monster Japan 2001 Yellow							70	70
M01024900	400 Monster Japan 2000 Metallic Silver							50	50
M01024901	400 Monster Japan 2001 Metallic Silver							70	70
M01026801	400 Monster Japan 2001 CROMO							30	30
Total Model 400 Monster		301	240	300	400	0	3	600	1,844

Model 600

Code	Description	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
00190261AA	600 Monster Europe 1994	7	892							899
00190261AB	600 Monster Europe 1994 Red		823							823
00190261BA	600 Monster ITA 1994 Low power	1								1
00190261CA	600 Monster Europe 1995 Yellow		289	520						809
00190261CB	600 Monster Europe 1995 Red		291	910						1,201
00190261DA	600 Monster ITA 1995 Yellow Low power		137	210						347
00190261DB	600 Monster ITA 1995 Red Low power		110	115						225
00190261EA	600 Monster Europe 1996 Yellow			244	313					557
00190261EB	600 Monster Europe 1996 Red			233	164					397
00190261FA	600 Monster Europe 1996 Yellow Low power.				47					47
00190261FB	600 Monster Europe 1996 Red Low power.				32					32
00190261GA	600 Monster Europe 1997 Yellow				224	756				980
00190261GB	600 Monster Europe 1997 Red				230	761	1			992

Model 600

Code	Description	1993	1994	1995	1996	1997	1998	1999	2000	TOTAL
00190261HA	600 Monster Europe 1997 Yellow Low power.					202				202
00190261HB	600 Monster Europe 1997 Red Low power.				20	147				167
00190261LA	600 Monster Europe 1998 Red					1	85			86
00190261LB	600 Monster Europe 1998 Black						31			31
00190261LC	600 Monster Europe 1998 Yellow						78			78
00190261LD	600 Monster Europe 1998 Silver						18			18
00190261NA /	600 Monster Europe 1999 Red						124	283		407
M01013099	600 Monster Europe 1999 Black						11	59		70
00190261NB /	600 Monster Europe 1999 Yellow						78	233		311
M01004499	600 Monster Europe 1999 Silver						24	58		82
00190261NC /	600 Monster Europe 1999 Blue						15	106		121
M01000299	600 Monster Europe 2000 Red							121	270	391
00190261ND /	600 Monster Europe 2000 Black							35	40	75
M01004599	600 Monster Europe 2000 Yellow							141	107	248
00190261NE /	600 Monster Europe 2000 Silver							60	20	80
M01013200	600 Monster Europe 2000 Blue							55	40	95
M01000301	600 Monster Europe 2001 Red								288	288
M01004401	600 Monster Europe 2001 Black								20	20
M01000201	600 Monster Europe 2001 Yellow								49	49
M01004501	600 Monster Europe 2001 Silver								6	6
M01013201	600 Monster Europe 2001 Blue								25	25
00190261MA	600 Monster Italy low power 1998 Red						12			12
00190261MB	600 Monster Italy low power 1998 Black						5			5
00190261MC	600 Monster Italy low power 1998 Yellow						8			8
00190261MD	600 Monster Italy low power 1998 Silver						1			1
00190261PA /	600 Monster Italy low power 1999 Red						1	9		10
M01000599	600 Monster Italy low power 1999 Black						1	1		2
00190261PB /	600 Monster Italy low power 1999 Yellow						7	5		12
M01004999	600 Monster Italy low power 1999 Silver							3		3
M01016599	600 Monster Italy low power 1999 Blue							4		4
00190264AA	600 Monster Switz. 1994 Yellow		80							80
00190264AB	600 Monster Switz. 1994 Red		80							80

Model 750 Monster

Code	Description	1995	1996	1997	1998	1999	2000	TOTAL
00190461AA	750 Monster Europe 1996 Red	3						3
00190461AB	750 Monster Europe 1996 Yellow	1						1
00190461AD	750 Monster Europe 1996 Silver		211					211
00190461BA	750 Monster Europe 1997 Red			339				339
00190461BB	750 Monster Europe 1997 Yellow			199				199
00190461BC	750 Monster Europe 1997 Black			98				98
00190461BD	750 Monster Europe 1997 Silver		689	289				978
00190461CA	750 Monster Europe 1998 Red			80	50			130
00190461CB	750 Monster Europe 1998 Black			30	50			80
00190461CC	750 Monster Europe 1998 Yellow			30	35			65
00190461CD	750 Monster Europe 1998 Silver			115	5			120
00190461DA / M01011199	750 Monster Europe 1999 Red				160	268		428
00190461DB / M01001099	750 Monster Europe 1999 Black				62	40		102
00190461DC / M01000999	750 Monster Europe 1999 Yellow				100	60		160
00190461DD / M01000899	750 Monster Europe 1999 Silver				69	60		129
00190461DE / M01013199	750 Monster Europe 1999 Blue				119	36		155
M01001100	750 Monster Europe 2000 Red					15	252	267
M01001000	750 Monster Europe 2000 Black					5	61	66
M01000900	750 Monster Europe 2000 Yellow					15	100	115
M01000800	750 Monster Europe 2000 Silver					12	55	67
M01013100	750 Monster Europe 2000 Blue					12	55	67
M01001101	750 Monster Europe 2001 Red						56	56
M01001001	750 Monster Europe 2001 Black						14	14
M01000901	750 Monster Europe 2001 Yellow						24	24
M01000801	750 Monster Europe 2001 Silver						17	17
M01013101	750 Monster Europe 2001 Blue						5	5
00190462BD	750 Monster USA 1997 Silver			100				100
00190463BD	750 Monster California 1997 Silver			400				400
00190463CA	750 Monster California 1998 Red			50	100			150
00190463CC	750 Monster California 1998 Yellow			50	100			150
00190462DA / M01011199	750 Monster USA - California 1999 Red				108	50		158
00190462DC / M01011299	750 Monster USA - California 1999 Yellow				108	50	171	329
M01011100	750 Monster California 2000 Red					196	29	225
M01011200	750 Monster California 2000 Yellow					54		54
M01011101	750 Monster California 2001 Red						50	50

M01011201	750 Monster California 2001 Yellow						29	29
00190464BA	750 Monster Switz. 1997 Red			35				35
00190464BB	750 Monster Switz. 1997 Yellow			35				35
00190464BD	750 Monster Switz. 1997 Silver			50				50
M01001400	750 Monster Switz. 2000 Red						10	10
M01020700	750 Monster Switz. 2000 Black						10	10
00190465CA	750 Monster Australia 1998 Red			30				30
00190465CB	750 Monster Australia 1998 Black			19				19
00190465CD	750 Monster Australia 1998 Silver			23				23
00190465DA / M01010799	750 Monster Australia / Japan 1999 Red				20	20		40
00190465DB / M01011499	750 Monster Australia / Japan 1999 Black				6	18		24
00190465DC / M01010899	750 Monster Australia / Japan 1999 Yellow				12	20		32
00190465DD / M01010999	750 Monster Australia / Japan 1999 Silver				2	19		21
M01010700	750 Monster Australia 2000 Red					20	5	25
M01010800	750 Monster Australia 2000 Yellow						16	16
M01011400	750 Monster Australia 2000 Black						11	11
M01016200	750 Monster Australia 2000 Blue						12	12
M01010701	750 Monster Australia 2001 Red						8	8
M01010801	750 Monster Australia 2001 Yellow						8	8
M01010901	750 Monster Australia 2001 Silver						2	2
M01016201	750 Monster Australia 2001 Blue						9	9
00190466BA	750 Monster Japan 1997 Red			5				5
00190466BB	750 Monster Japan 1997 Yellow			5				5
00190466BD	750 Monster Japan 1997 Silver			10				10
M01011301	750 Monster Japan 2001 Red						1	1
00190467AA	750 Monster Germany 1996 Red	1						1
00190467AD	750 Monster Germany 1996 Silver		80					80
00190467BA	750 Monster Germany 1997 Red			210				210
00190467BD	750 Monster Germany 1997 Silver		160					160
00190467CA	750 Monster Germany 1998 Red				45			45
00190467CB	750 Monster Germany 1998 Black				5			5
00190467CC	750 Monster Germany 1998 Yellow				5			5
00190467CD	750 Monster Germany 1998 Silver				5			5
00190468AD	750 Monster England 1996 Silver		60					60
00190468BA	750 Monster England 1997 Red			81				81
00190468BC	750 Monster England 1997 Yellow			22				22
00190468BD	750 Monster England 1997 Silver		101					101
00190468CA	750 Monster England 1998 Red			32				32

Camschaft Valve Timing for Ducati Two-Valve Belt Twins

	Inlet Opens ±5° Before Top Dead Center	Inlet Closes ±5° After Bottom Dead Center	Exhaust Opens ±5° Before Bottom Dead Center	Exhaust Closes ±5° After Top Dead Center	Measurement Clearance
500/600/650 SL 600 TL	50°	80°	75°	45°	0.1mm
350 XL/SL/TL	46°	65°	76°	37°	0.1mm
750 F1 1985	29°	90°	70°	48°	0.1mm
750 F1 1986	39°	80°	80°	38°	0.2mm
750 Montjuich/Laguna Seca/Santamonica	67°	99°	93°	70°	0.2mm
350/400 F3	40°	80°	57°	43°	0.2mm
350 Indiana/Elefant	19°	62°	53°	33°	0.2mm
350 Alazzurra/650 Alazzurra (until 612549)	40°	70°	67°	43°	0.2mm
650 Alazzurra (after 612550)	39°	80°	80°	38°	0.2mm
650 Indiana/Elefant					
750 Paso					
750 Sport					
750 Indiana/Elefant/900 I.E.	31°	88°	72°	46°	0.2mm
350/400/600/750 Supersport M 600/750 (94-96)					
Gran Canyon					
906 Paso/ 907 I.E.	20°	60°	58°	20°	1mm
900 Supersport/E900/M900					
900 Supersport (94-96)	43°	85°	82°	46°	0.2mm
M600/750 (1997)					
M900 (97-99)	12°	70°	56°	25°	1mm
M400					
750 Supersport (99-02)					
M600/750 (98-99)	11°	70°	50°	30°	1mm
900 Supersport FE (97-98)	24°	70°	58°	29°	1mm
M900S					
ST2	28°	73°	71°	30°	1mm
900 Supersport (98-02)	25°	75°	66°	28°	1mm

Racing camschafts were also available as an option on the 500/600 SL. The TT2 had special racing camschafts.

	500/600 SL	TT2
Inlet Opens ±5° Before top dead center	60°	74°
Inlet Closes ±5° After bottom dead center	90°	92°
Exhaust Opens ±5° Before bottom dead center	90°	100°
Exhaust Closes ±5° After top dead center	60°	64°
Measurement Clearance	0.2mm	0.2mm

CLUTCH COMPOSITION FOR TWO-VALVE BELT-TWINS (1979-87)

Model	066016530	066016540	066016670	066016690	066116530	066116635	066116670	066116690	066516690	067516530	067616670
500 SL (1979-80)	7	2	7	1							
500 SL (1981-83)	6	2	7	1							
600 SL (1981)	6	2	7	1							
600 SL (1982) 600 TL, 650 SL					7				7	1	
350 Alazzurra (until 033854)	6	2	7	1							
350 Alazzurra (until 034710)		2			6				7	1	
350 Alazzurra (from 034711)					6				7	1	2
650 Alazzurra (1985)		2			6				7	1	
750 F1 (1985)			1		6				7	1	1

Model	066016530	066016540	066016670	066016690	066116530	066116635	066116670	066116690	066516690	067516530	067616670
650 Alazzurra (1986)					6				1	1	6
750 F1 (1986)					6				1	1	6
350 Indiana/Elefant					6		7			2	
650 Indiana/Elefant					6				1	1	6
750 F1 (1987)					6				1	2	6
750 Paso					6				1	2	6
750 Indiana/Elefant					5				1	2	6

CLUTCH COMPOSITION FOR TWO-VALVE BELT-TWINS (1988-94)

Model	066116530 Ø 1.5mm	067516530 Ø 1.5mm	19010011A Ø 2mm	19110131A Ø 2.5mm	19110141A Ø 3.5mm	19110151A Ø 3mm	19110181A Ø 2.5mm	19110191A Ø 3.5mm
907 I.E. '91		1	7		1	7		
907 I.E. '92		1	8			7		
900 SS '90	3	2	2		1	6		
900 SS '91		1	7		1	7		
900 SS/SL '92-94		1	8			7		
Elefant 900 '90	6	2		7	1			
Elefant 900 '91		1	7		1	7		
Elefant 900 '92-94		1	8			7		
906 Paso	3	2	2		1	6		
900 Monster		1	8			7		
750 Paso	3	2	2		1	6		
750 Sport	3	2	2		1	6		
750 SS '91	3	2	2		1	6		
750 SS '92-94	8						8	1
Elefant 750 '94	8						8	1
600 SS	8						8	1
600 Monster	8						8	1
400 SS '91	3	2	2		1	6		
350/400 SS '92-94	8						8	1

Update from 4/24/92

Model (19020013A)	067516530 Ø 1.5mm	19010011A Ø 2mm	19110151A Ø 3mm
900 SS, 907 I.E.; Elefant 900 I.E.	1	8	7

Update from 1995

Model	066116530 Ø 1.5mm	19110151A Ø 3mm
All 600/750 Supersport and Monster	9	10

Update from 15/1/98

Model (19110212B)	066116530 Ø 1.5mm	19110212B Ø 3.5mm
600, 750 Monster (Total thickness 43.5mm)	8	9

Gear Ratios for Ducati Two-Valve Belt Twins

500, 600 SL, 350/400/650 Alazzurra

Gear	Teeth	Ratio
1 st	16/40	2.500
2 nd	21/36	1.714
3 rd	24/32	1.339
4 th	27/29	1.074
5 th (until Fr. No. 660900)	30/27	0.900
5 th (after 660901 and Alazzurra)	29/27	0.931

350, 600 SL (1983-84), 650 SL, 350 XL, 600 TL, 350/400 F3 (1986), 750 F1, Montjuich, Laguna Seca, Santamonica, 750 Paso, 750 Sport, 750 Supersport, 600 Supersport, 400 Supersport (1997), 400 Monster, 600 Monster, 750 Monster, Elefant 750 (as above but for 5th gear)

Gear	Teeth	Ratio
5 th	29/28	0.966

350, 650, 750 Indiana/Elefant

Gear	Teeth	Ratio
1 st	14/43	3.071
2 nd	20/37	1.850
3 rd	24/32	1.333
4 th	27/29	1.074
5 th (350 Indiana, Elefant)	29/28	0.966
5 th (650 and 750 Indiana, Elefant)	29/27	0.931

400 F3 (1989), 400 Supersport (1990-96), 350 Sport/Supersport

Gear	Teeth	Ratio
1 st	14/43	3.071
2 nd	18/38	2.111
3 rd	22/35	1.590
4 th	25/32	1.280
5 th	27/29	1.074
6 th	29/27	0.931

906 Paso, 900 Supersport, 900 Superlight, 907 I.E., 900 I.E. (1991), Elefant 900, ST2, M 900, Gran Canyon

Gear	Teeth	Ratio
1 st	15/37	2.467
2 nd	17/30	1.765
3 rd	20/27	1.350
4 th	22/24	1.091
5 th	24/23	0.958
6 th	28/24	0.857

900 I.E. Lucky Explorer (1990-91)

Gear	Teeth	Ratio
1 st	15/37	2.467
2 nd	18/29	1.611
3 rd	21/26	1.238
4 th	23/24	1.043
5 th	25/22	0.880

900 SS, 907 I.E., 900 I.E., 6T close ratio competition gearbox (1502.0261A)

Gear	Teeth	Ratio
1 st	16/32	2.000
2 nd	18/29	1.611
3 rd	20/27	1.350
4 th	21/25	1.190
5 th	22/24	1.091
6 th	23/23	1.000

Standard Gearing

Model	Year	Primary	Secondary
500 SL	1979-83	31/69	15/38(14/39)
600 SL	1981-84	31/69	15/36(15/39)
650 SL	1984-85	31/69	15/41
600 TL	1982-84	31/69	15/39
350 XL/SL/TL	1982-85	31/69	14/44
750 F1	1985-86	36/71	15/40
350 Alazzurra	1985	31/69	14/46
350/400 Alazzurra	1986-87	31/69	14/47
650 Alazzurra	1985-87	36/71	15/41
350 Elefant	1985-89	31/69	14/50
650 Elefant	1985-87	36/71	14/44
350 Indiana	1986-87	31/69	14/48
750 Montjuich	1986	36/71	15/43 (14/40)
650/750 Indiana	1986-89	36/71	15/46
350/400 F3	1986-89	31/69	14/44
750 Laguna Seca/ Santamonica	1987-88	36/71	15/40
750 Elefant	1987-89	37/71	14/46
750 Paso/750 Sport	1986-90	36/71	15/38
400 SS Junior	1989-90	34/77	14/44
906 Paso	1989-90	31/62	15/40 (38)
900 Supersport	1989-90	31/62	15/39
900 I.E. Lucky Explorer	1990-91	31/62	14/46
900 I.E. GT	1991-92	31/62	15/48
907 I.E.	1991-92	31/62	15/40
900 Supersport/ Superlight	1991-97	31/62	15/37
900 Supersport/SL (Switzerland)	1991-97	31/62	15/33
750 Supersport	1991	36/71	15/37
350 Sport	1991-92	34/77	14/45
400 SS Junior (1991)	1992-93	34/77	14/43
350/400 SS Junior	1992-97	31/62	15/37
750 Supersport	1992-97	31/62	15/37
Elefant 900	1993-98	31/62	15/46 (42 Switzerland.)
M 900	1993-99	31/62	15/39 (37 Germany)
400 Supersport	1994-97	32/73	14/43
Elefant 750	1994-96	31/62	15/46
600 Supersport (until frame no. 1852)	1994	32/73	15/36
600 Supersport (from frame no. 1853)	1994-97	31/62	15/41
M 600 (until frame no. 2961)	1994	32/73	15/38
M 600 (from frame no. 2962)	1994-97	31/62	15/43
600 Supersport (Switzerland)	1994-97	31/62	15/38
M 750	1996-02	31/62	15/38
ST2	1997-03	32/59	15/42

900 SS FE	1997-98	32/59	15/37
M 400	1997-99	32/73	15/46
Gran Canyon	1998-00	31/62	15/45
M 600	1998-99	33/61	15/46 (41 Switzerland)
M 750	1998-99	33/61	15/41
900 Supersport	1998-02	32/59	15/40
750 Supersport	1999-02	33/61	15/40

Carburetor Specifications: Dell'Orto

Model	Year	Type	Needle	Main	Pilot	Slide	Needle Jet
500 SL	1979-83	PHF36AD/AS	K4/2 nd	135/142	65	60/3	265AB
600 SL/TL	1981-83	PHF36AD/AS	K4/2 nd	135/142	65/70	60/3	265AB
600/650 SL/TL	1983-85	PHF36AD/AS	K8/2 nd	132/138	65	60/3	265AB
350 XL/SL/TL	1982-85	PHF30AD/AS	K2/2 nd	122	60	60/3	260AB
750 F1	1985	PHF36AD/AS	K8/2 nd	140	65	60/3	265AB
350/400 Alazzurra	1985-87	PHBH28AD/AS	X6/3 rd	125/130	42	30	265T
650 Alazzurra	1985-87	PHF36MD/MS	K8/2 nd	132/138	65	60/3	265AB
350 Indiana/Elefant	1985-88	PHF30DD	K2/2 nd	118/122	52	60/3	260AB
650 Elefant	1985-87	PHF 36MD/MS	K18	130/132	62	60/3	265AB
750 F1	1986	PHF36MD/MS	K8/2 nd	135/140	65	60/3	265AB
750 Montjuich/Laguna Seca/ Santamonica	1986-88	PHM40ND/NS	K5/2 nd	148/155	65	60/1	265AB
350/400 F3	1986-87	PHF30MD/MS	K2/2 nd	118/122	65	60/3	260AB
400 F3	1989	PHF36MD/MS	K8/2 nd	125/140	65	60/3	265AB

Carburetor Specifications: Weber

Model	Year	Type	Choke	Auxiliary Venturi	Main Jet	Air Corrector Jet	Idle Jet
750 Paso (pre-7/15/87)	1986	44DCNF 107	F36	350	142	160	60
750 Paso (post-7/15/87)	1987-90	44DCNF 107	36	350	150	170	57
750 Sport	1988-89	44DCNF 113	36	350	150	170	57
906 Paso	1989	44DCNF 116	36	350	160	175	60
900 Supersport	1989-90	44DCNF 118	36	350	160	175	65

Carburetor Specifications: Bing

Model	Year	Type	Needle	Main	Pilot	Slide	Needle Jet
650 Indiana	1986-87	64-32/375	2.68/3 rd	132	45	36mm	n.1
750 Indiana	1987-89	64-32/379	2.68/3 rd	130	45	36mm	n.1
750 Elefant	1987-89	64-32/375	2.68/3 rd	132	45	36mm	n.1

Carburetor Specifications: Mikuni

Model	Year	Type	Main Jet	Starting Jet	Jet Needle	Needle Jet	Pilot Jet
350 Sport	1991	BDST 38 B 100	127.5	70	5C20-3	Y-6	40
400 Supersport (Europe)	1991	BDST 38 B 91	122.5	70	5CH07-3	Y-4	37.5
400 Supersport (Japan)	1991	BDST 38 B 79	140	70	5C20-2	Y-8	35
400 Supersport	1992-97	BDST 38 B 79	122.5	70	5CH07-3	Y-8	35

400 Monster (Japan)	1997-99	BDST 38 B 190	120	70	5HP42-3	Y-2	42.5
600 Supersport	1994-97	BDST 38 B 156	132.5	70	5CJ01-3	Y-6	37.5
600 Monster	1994-99	BDST 38 B 159	132.5	70	5CJ01-3	Y-2	40
750 Supersport	1991-93	BDST 38 B 70	140	70	5C19-4	Y-6	37.5
750 Supersport	1994-97	BDST 38 B 70	140	70	5C19-3	Y-6	37.5
750 Supersport (Switz.)	1991-97	BDST 38 B 94	140	70	5C19-3	Y-6	35
750 Supersport (U.S.)	1991-93	BDST 38 B 76	140	70	5C26-1	Y-6	35
750 Monster	1996-99	BDST 38 B 216A	132.5	70	5CJ01-4	Y-4	42.5
750 Elefant	1994-96	BDST 38 B B148	132.5	70	5C22-1	Y-6	40
750 Elefant (Brazil)	1994-96	BDST 38 B	142.5	70	5C22-1	Y-6	45
900 Supersport (U.S.) CR/SP	1991-97	BDST 38 B 73	140	70	5C22-1	Y-2	37.5
900 Supersport, SL	1991-97	BDST 38 B 67	140	70	5C19-4	Y-2	42.5
900 Supersport (Switz.)	1991-97	BDST 38 B 97	140	70	5C19-3	Y-2	37.5
M 900	1993-96	BDST 38 B 129	140	70	5C19-4	Y-2	40
M 900 (U.S.)	1993-96	BDST 38 B 132	140	70	5C37-3	Y-2	40
M 900	1997-99	BDST 38 B 222	127.5	70	5C19-4	Y-2	40
M 900 (U.S.)	1997-99	BDST 38 B 129	127.5	70	5C37-3	Y-2	40
M 900S	1998-99	BDST 38 B 129	140	70	5C19-4	Y-2	40
Elefant 900	1993-98	BDST 38 B 111	127.5	70	5C19-4	Y-0	42.5
Elefant 900 (U.S.)	1993-98	BDST 38 B 135	127.5	70	5C22-1	Y-0	40
Elefant 900 (Brazil)	1993-98	BDST 38 B	142.5	70	5C19-4	Y-0	45

Specifications of Two-Valve Belt Twin Ducatis

Model	500 SL	600 SL	350 XL	650 SL	600 TL	350 SL	350 TL	750 F1	350 Alazzurra (GT) 1985-87	650 Alazzurra (GT) 1985-87
Year	1979-83	1981-84	1982-83	1984-85	1982-84	1983-84	1983-84	1985	1985-87	1985-87
Bore (mm)	74	80	66	82	80	66	66	88	66	82
Stroke (mm)	58	58	51	61.5	58	51	51	61.5	51	61.5
Capacity (cc)	499cc	583cc	349	649cc	583cc	349	349	748cc	349	649cc
Compression Ratio	9.5:1	10.4:1	10.3:1	10:1	10.4:1	10.3:1	10.3:1	9.3:1	10.3:1	10:1
Max rpm	9,500	9,500	10,000	9,000	9,500	10,000	10,000	9,000	10,000	8,900
Valve Clearance Inlet (mm)	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close
Valve Clearance Ex (mm)	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close
Front Tire	3.25H18	3.25H18	3.00S18	100/90H18	100/90H18	3.00S18	3.00S18	120/80V16	90/90H18	100/90H18
Rear Tire	3.50V18	4.00V18	3.50S18	110/90H18	110/90H18	3.50S18	3.50S18	130/80V18	110/80H18	120/80H18
Front Brake	260mm Twin Disc	260mm Twin Disc	260mm Twin Disc	260mm Twin Disc	260mm Twin Disc	260mm Twin Disc	260mm Twin Disc	280mm Twin Disc	260mm Twin Disc	260mm Twin Disc
Rear Brake	260mm Disc	260mm Disc	260mm Disc	260mm Disc	260mm Disc	260mm Disc	260mm Disc	260mm Disc	260mm Disc	260mm Disc
Wheelbase (mm)	1450	1450	1450	1450	1450	1450	1450	1400	1460	1460
Seat Height (mm)	760	760	775	770	820	760	820	750	800	800
Length (mm)	2150	2150	2160	2150	2160	2150	2160	2110	2090	2100
Width (mm)	670	660	710	700	760	660	760	690	790	790
Weight (kg)	180	187	178	180	176	178	176	175	190	191

Model Year	750 F1 1986-87	Montjuich 1986	350 F3 1986	400 F3 1986	350 Indiana 1986-87	650 Indiana 1986-87	Laguna Seca 1987	750 Indiana 1987-89	Santamonica 1988	400 F3 1989
Bore (mm)	88	88	66	70.5	66	82	88	88	88	70.5
Stroke (mm)	61.5	61.5	51	51	51	61.5	61.5	61.5	61.5	51
Capacity (cc)	748cc	748cc	349	398	349	649cc	748cc	748cc	748cc	398
Compression Ratio	10:1	10:1	10:1	10.4:1	10:1	10:1	10:1	10:1	10:1	10.4:1
Max rpm	9,500	10,000	10,000	10,000	9,500	8,500	10,000	8,500	10,000	10,000
Valve Clearance Inlet (mm)	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close
Valve Clearance Ex (mm)	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close
Front Tire	120/80V16	12/60x16	100/90V16	100/90V16	110/90V18	110/90V18	130/60ZR16	110/90V18	130/60ZR16	110/90V16
Rear Tire	130/80V18	18/67x16	120/80V18	120/80V18	140/90V15	140/90V15	160/60ZR16	140/90V15	160/60ZR16	130/80V18
Front Brake	280mm Twin Disc	280mm Twin Disc	260mm Twin Disc	260mm Twin Disc	260mm Disc	260mm Disc	280mm Twin Disc	260mm Disc	280mm Twin Disc	260mm Twin Disc
Rear Brake	260mm Disc	260mm Disc	260mm Disc	260mm Disc	280mm Disc	280mm Disc	270mm Disc	280mm Disc	260mm Disc	260mm Disc
Wheelbase (mm)	1400	1400	1400	1400	1530	1530	1400	1530	1400	1400
Seat Height (mm)	750	750	750	750	760	760	785	760	785	750
Length (mm)	2110	2110	2050	2050	2024	2024	2110	2024	2110	2050
Width (mm)	690	690	670	670	930	930	690	930	690	670
Weight (kg)	175	155	165	165	180	180	165	180	165	165

Model Year	750 Paso 1988-90	750 Sport 1988-89	906 Paso 1989-90	900 Supersport 1989-90	907 I.E. 1991	907 I.E. 1992	400 SS Junior 1989-90	900 Supersport 1991-93	750 Supersport 1991-93
Bore (mm)	88	88	92	92	92	92	70.5	92	88
Stroke (mm)	61.5	61.5	68	68	68	68	51	68	61.5
Capacity (cc)	748cc	748cc	904cc	904cc	904cc	904cc	398	904	748
Compression Ratio	10:1	10:1	9.2:1	9.2:1	9.2:1	9.2:1	10:1	9.2:1	9:1
Max rpm	10,000	9,500	9,000	9,000	9,000	9,000	10,000	9,000	9,000
Valve Clearance Inlet (mm)	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.08-0.10 open 0-0.02 close	0.08-0.10 open 0-0.02 close
Valve Clearance Ex (mm)	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10-0.12 open 0-0.02 close	0.10-0.12 open 0-0.02 close
Front Tire	130/60ZR16	130/60ZR16	130/60ZR16	130/60ZR17	120/70ZR17	120/70ZR17	130/60ZR16	120/70x17	120/60x17
Rear Tire	160/60ZR16	160/60ZR16	160/60ZR16	170/60ZR17	170/60ZR17	170/60ZR17	160/60ZR16	170/60x17	160/60x17
Front Brake	280mm Twin Disc	280mm Twin Disc	280mm Twin Disc	300mm Twin Disc	320mm Twin Disc	320mm Twin Disc	280mm Twin Disc	320mm Twin Disc	320mm Disc
Rear Brake	270mm Disc	270mm Disc	270mm Disc	245mm Disc	245mm Disc	245mm Disc	260mm Disc	245mm Disc	245mm Disc
Wheelbase (mm)	1450	1450	1450	1450	1490	1490	1450	1410	1410
Seat Height (mm)	780	750	780	620	780	780	750	780	780
Length (mm)	2032	2000	2032	2040	2090	2090	2000	2030	2020
Width (mm)	655	670	655	670	700	700	670	730	710
Weight (kg)	195	180	205	185	215	215	174	183	173

Model	400 SS Junior	350 Sport/SS	900 Superlight	900 Supersport	900 Superlight	900 Supersport	750 Supersport	600 Supersport
Year	1991-97	1991-93	1992-93	1994-97	1994-96	1994-97	1994-97	1994-97
Bore (mm)	70.5	66	92	92	92	92	88	80
Stroke (mm)	51	51	68	68	68	61.5	61.5	58
Capacity (cc)	398	349	904	904	904	748	748	583
Compression Ratio	10:1	10.7:1	9.2:1	9.2:1	9.2:1	9:1	9:1	10.7:1
Max rpm	11,000	11,000	9,000	9,000	9,000	9,000	9,000	9,000
Valve Clearance Inlet (mm)	0.08-0.10 open	0.08-0.10 open	0.08-0.10 open	0.10-0.12 open	0.10-0.12 open	0.10-0.12 open	0.10-0.12 open	0.10-0.12 open
Valve Clearance Ex (mm)	0-0.02 close 0.10-0.12 open	0-0.02 close 0.10-0.12 open	0-0.02 close 0.10-0.12 open	0.03-0.05 close 0.12-0.15 open	0.03-0.05 close 0.12-0.15 open	0.03-0.05 close 0.12-0.15 open	0.03-0.05 close 0.12-0.15 open	0.03-0.05 close 0.12-0.15 open
Front Tire	120/60-17	120/60VR17	120/70x17	120/70ZR17	120/70x17	120/60VR17	120/60VR17	120/60VR17
Rear Tire	160/60-17	160/60VR17	170/60x17	170/60ZR17	170/60x17	160/60VR17	160/60VR17	160/60VR17
Front Brake	320mm Disc	320mm Disc	320mm Twin Disc	320mm Twin Disc	320mm Twin Disc	320mm Twin Disc	320mm Disc	320mm Disc
Rear Brake	245mm Disc	245mm Disc	245mm Disc	245mm Disc	245mm Disc	245mm Disc	245mm Disc	245mm Disc
Wheelbase (mm)	1410	1410	1410	1410	1410	1410	1410	1410
Seat Height (mm)	780	780	780	780	780	780	780	780
Length (mm)	2020	2020	2030	2030	2030	2000	2000	2000
Width (mm)	710	710	730	730	730	730	730	730
Weight (kg)	173	169	176	186	182	176	176	172

Model	M900	M600	M750	M750	M400	ST2	900 Supersport	750 Supersport
Year	1993-99	1994-99	1996-97	1998-99	1997-99	1997-03	1998-02	1999-02
Bore (mm)	92	80	88	88	70.5	94	92	88
Stroke (mm)	68	58	61.5	61.5	51	68	68	61.5
Capacity (cc)	904	583	748	748	398	944	904	748
Compression Ratio	9.2:1	10.7:1	9.0:1	9.0:1	10:1	10.2:1	9.2:1	9.0:1
Max rpm	9,000	9,000	9,000	9,000	11,000	9,000	9,000	9,000
Valve Clearance Inlet (mm)	0.10-0.12 open 0.03-0.05 close	0.10-0.12 open 0.03-0.05 close	0.10-0.12 open 0.03-0.05 close	0.10-0.12 open 0.03-0.05 close	0.10-0.12 open 0.03-0.05 close	0.05-0.12 open 0.03-0.2 close	0.10-0.12 open 0.03-0.05 close	0.10-0.12 open 0.03-0.05 close
Valve Clearance Ex (mm)	0.12-0.15 open 0.03-0.05 close	0.12-0.15 open 0.03-0.05 close	0.12-0.15 open 0.03-0.05 close	0.12-0.15 open 0.03-0.05 close	0.12-0.15 open 0.03-0.05 close	0.05-0.15 open 0.03-0.2 close	0.12-0.15 open 0.03-0.05 close	0.12-0.15 open 0.03-0.05 close
Front Tire	120/70ZR17	120/60VR17	120/60VR17	120/60VR17	120/60VR17	120/70ZR17	120/70ZR17	120/70ZR17
Rear Tire	170/60ZR17	160/60VR17	160/60VR17	160/60VR17	160/60VR17	170/60ZR17	170/60ZR17	160/60ZR17
Front Brake	320mm Twin Disc	320mm Disc	320mm Twin Disc	320mm Twin Disc	320mm Disc	320mm Twin Disc	320mm Twin Disc	320mm Twin Disc
Rear Brake	245mm Disc	245mm Disc	245mm Disc	245mm Disc	245mm Disc	245mm Disc	245mm Disc	245mm Disc
Wheelbase (mm)	1430	1430	1430	1430	1430	1430	1410	1405
Seat Height (mm)	770	770	770	770	770	820	800	815
Length (mm)	2090	2070	2070	2070	2070	2070	2030	2030
Width (mm)	770	800	800	800	800	910	780	780
Weight (kg)	184	174	176	178	174	212	188	183

Specifications of Two-Valve Belt Twin Cagivas

Model Year	350 Elefant 1985-88	650 Elefant 1985-87	750 Elefant 1987-90	900 I.E. LE 1990-92	900 I.E.GT 1991-92	E 900 1993-98	E 750 1994-96	Gran Canyon 1998-00
Bore (mm)	66	82	88	92	92	92	88	92
Stroke (mm)	51	61.5	61.5	68	68	68	61.5	68
Capacity (cc)	349	649	748	904	904	904	748	904
Compression Ratio	10.3:1	10:1	9.3:1	9.2:1	9.2:1	9.2:1	9:1	9.2:1
Max rpm	9,500	9,500	8,500	9,000	9,000	9,000	9,000	9,000
Valve Clearance Inlet (mm)	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.15 open 0.02 close	0.15 open 0.02 close	0.08-0.10 open 0-0.02 close	0.08-0.10 open 0-0.02 close	0.15 open 0-0.02 close
Valve Clearance Ex (mm)	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.10 open 0-0.02 close	0.20 open 0.02 close	0.20 open 0.02 close	0.10-0.12 open 0-0.02 close	0.10-0.12 open 0-0.02 close	0.20 open 0-0.02 close
Front Tire	90/90S18	90/90S18	90/90S18	100/90X19	100/90X19	100/90X19	100/90X19	110/80X19
Rear Tire	130/90S17	130/90S17	130/90S17	140/80X17	140/80X17	140/80X17	140/80X17	150/70X17
Front Brake	260mm Disc	260mm Disc	260mm Disc	296mm Disc	296mm Disc	282mm Twin Disc	296mm Disc	296mm Twin Disc
Rear Brake	240mm Disc	240mm Disc	240mm Disc	240mm Disc	240mm Disc	240mm Disc	240mm Disc	240mm Disc
Wheelbase (mm)	1520	1520	1520	1570	1550	1555	1560	1548
Seat Height (mm)	905	905	905	900	896.5	835	835	825
Length (mm)	2290	2290	2290	2295	2275	2200	2205	2200
Width (mm)	845	845	845	860	860	915	915	790
Weight (kg)	189	191	190	188	189	185	188	193

Fluid Capacities (Oil, Fuel, Coolant)

Oil

General small crankcase (500,600,650,750)	3.3 liters
General large crankcase (900)	3.5 liters
750 Sport, 350/650/750 Indiana	3.4 liters
750 Supersport (1994-97)	3.5 liters
600 Supersport	3.0 liters
600 Monster	3.1 liters
350, 400 SS, 900 I.E., Elefant 900,750,Gran Canyon	2.5 liters
900 Supersport (1998-)	3.9 Liters

Fuel

Model	Year	Capacity
350/500/600/650 SL	1979-85	19 liters (5.02 U.S. Gallons)
350/600 TL	1982-84	18 liters (4.75 U.S. Gallons)
750 F1/ Montjuich/400F3	1985-86	22 liters (5.82 U.S. Gallons)
350/650 Alazzurra	1985-87	18 liters (4.75 U.S. Gallons)
360/650 Indiana	1985-87	17.5 liters (4.63 U.S. Gallons)
750 F1/Laguna Seca/Santamonica/ 350/400 F3	1986-89	18 liters (4.74 U.S. Gallons)
350/650/750 Indiana	1986-89	12 liters (3.44 U.S. Gallons)
750/906 Paso	1986-90	22 liters (5.82 U.S. Gallons)
750 Elefant	1987-89	19 liters (5.02 U.S. Gallons)
750 Sport/ 900 Supersport	1988-89	16 liters (4.23 U.S. Gallons)
900 I.E./E 900/E 750	1990-98	24 liters (6.34 U.S. Gallons)
907 I.E.	1991-92	21 liters (5.55 U.S. Gallons)
350/400/600/750/900 Supersport	1991-98	17.5 liters (4.62 U.S. Gallons)
Elefant 750/900	1993-96	24 liters (6.34 U.S. Gallons)
M 900/M 600	1993-94	18 liters (4.75 U.S. Gallons)
M 900/M 600/M 750	1995-99	16.5 liters (4.36 U.S. Gallons)
ST2	1997-03	21 liters (5.55 U.S. Gallons)
Gran Canyon	1998-00	20 liters (5.29 U.S. Gallons)
750/900 Supersport	1998-02	18 liters (4.75 U.S. Gallons)

Coolant

906 Paso/907 I.E.	3.3 liters
ST2	3.5 liters

Fork Types

Model	Year	Type	Fork Tube Length	Fork Leg Capacity/Oil Level
500 SL	1979-88	Marzocchi	605x35mm	135cc
500 SL	1981-83	Marzocchi	605x35mm	240cc
350/500/600 SL, 600 TL, 350 XL	1981-84	Paioli	605x35mm	180cc
600/650 SL	1981-85	Marzocchi	605x35mm	220cc
350/650 Alazzurra	1985-87	Marzocchi	35mm	220cc
750 F1	1985	Marzocchi	590x38mm	250cc

350/650/750 Elefant	1985-89	Marzocchi	41.7mm	500cc
750 F1/Montjuich/ Laguna Seca/ Santamonica	1986-88	Forcella Italy	620x40mm	280cc
350/400 F3	1986-88	Marzocchi	605x35mm	250cc
350/650/750 Indiana	1986-89	Marzocchi P.A. 185/40	40mm	280cc
750/906 Paso	1986-90	Marzocchi M1R	41.7mm	340cc (180mm)
750 Sport	1988-89	Marzocchi M1BB	40mm	340cc (150mm)
900 Supersport	1989-90	Marzocchi M1BB	40mm	150mm (160mm)
900 I.E. Lucky Explorer	1990-92	Marzocchi PA SD Nissin	42mm	180mm
900 Supersport	1991-3	Showa GD 011	41mm	440cc (108mm)
750 Supersport, 900 CR	1991-3	Showa GD 031	41mm	457cc (79.4mm)
900 I.E. GT/E 750	1991-96	Marzocchi PA FD Nissin	45mm	190mm
907 I.E.	1991-92	Marzocchi M1R	41.7mm	160mm
Elefant 900	1993-96	Showa	45mm	117mm
M 900	1993-95	Showa GD 041	41mm	457cc (79.4mm)
900 Supersport, 900 SL, SP, FE	1994-98	Showa GD 021	41mm	440cc
600/750 Supersport, 900 CR	1994-98	Marzocchi 40 USD/E	40mm	390cc (90mm)
M 600/M 750/M 400	1994-99	Marzocchi 40 USD/E	40mm	380cc (90mm)
M 900	1996-97	Marzocchi 40 USD/REG	40mm	390cc (90mm)
ST2	1997-03	Showa GD 081	43mm	492cc
Gran Canyon	1998-00	Marzocchi	45mm	190mm
750/900 Supersport	1998-02	Showa GD131	43mm	531cc

