

Weber

Weber IDF / Dell'Orto

This section is just intended for information. I have tried to list out the jetting of the various carbs fitted to the flat 4's over the years. These are all standard jettings, and are mainly UK ones. Any extras then let me know (especially the 1.5 engined cars fitted with the 40mm carbs in Germany).

Carb Model	36 IDF	36 IDF 45A / 44A	40 IDF 18/19	40 IDF 43	40 IDF 69 / 68	40 IDF 69 / 68	40 IDF 70	40 IDF 83 / 82	40 IDF 85 / 84	44 IDF 71	48 IDF 7	48 IDA 4R
Part Number		536.574 / 536.575			546.858 / 546.859							
Venturi	27	30	28	28mm	32mm	32mm	28mm	28mm	30mm	36mm	40mm	37mm
Centering device		04.05.09										
Main jet	110	135	115		140	140	115	122	135	135	150	135
Main air jet	215	220	200		190	190	200	190	190	175	180	120
Diffuser	F11	F50	F11		F67	F67	F11	F67	F71	F11	F2	F7
Idling jet	50	52	50		50	50	50	50	50	50	55	70
Idling air corrector		200	175		195	195		195	195			
		90 - 120 - 130 - 140 - 150			100 - 120 - 130 - 140 - 150	100 - 120 - 130 - 140 - 150		100 - 120 - 130 - 140 - 150	100 - 120 - 130 - 140 - 150			
Progression holes												
Accelerator pump jet	40	33	50		35	35		35	33			
Needle valve		175			175	175	175	175	175	175	175	175
Float weight		11.8g			11.8g	11.8g	11.8g	11.8g				
Starting jet					70	0.90	COF5	COF5	80F5			
Starting diffuser					F7	F.7						
Accelerator pump volume per 20 strokes		6~9			5~8	5~8	6~9	6~9	6~9	6~9	6~9	6~9
Float level dimensions		9~9.5mm										
Car		1350 / AutoGerma VW 1300	1500 Arna (twin carb) AutoGerma VW 1600		1700 Series 2	Alfa 33 Series 3 1200?	?	Alfa 33 Series 3 1350	Alfa 33 Series 3 1500	?	?	?

Note, I think the 1200 engine size on the 33 series 3 is a typo on the fiche. The jetting seems to be the same as on the series 2 1700.

32DIR51A/250	32 DIR 41
534537	531382
23mm / 24mm	23mm / 24mm
3.5 / 4.5	3.5 / 4.5
122 / 130	125 / 135
180 / 170	180 / 170
F68 / F67	
50	50 / 50
185 / 115	170 / 120
120 - 100 - 100	120 - 100 -
- 100 / 120 -	100 / 120 - 120
120 - 120	- 120
50	45
175	175
11g	11g
17~20	16~20
6.75~7.25mm	7.5mm

1200 Arna	Alfasud ti
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Dell'Orto

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Carb Model	Dellorto DRLA 36D / 36S	Dellorto DRLA40 FD / FS	Dellorto DRLA 40 FD / FS	Dellorto DRLA 40 FD / FS	Dellorto DRLA 40 FD / FS	Dellorto FRDA 32F	Dellorto FRDA 32G
Part Number	536.974 / 536.975				546.860 / 546.861	534058	536214
Venturi		30 32mm	28mm	30mm	32mm	24mm	24mm
Centering device	10078.01.68						
Main jet	122	142	118	135	142	120	120
Main air jet	180	180	175	200	180	205	205
Diffuser	28.02.64	9164.4	9164.01	9164.01	9164.2		
Idling jet	52	52	46	46	52	50	50
Idling air corrector	220	220	220	220	220	125	125
Progression holes	100 - 160 - 160 - 180 - 180	100 - 140 - 140 - 140 - 140	100 - 140 - 140 - 140 - 140	100 - 140 - 140 - 140 - 140	100 - 160 - 140 - 180 - 180	100 - 100 - 100 - 130	100 - 100 - 100 - 130
Accelerator pump jet	33	35 33 (35 from c	33 (35 from c	33 (35 from c	33	45	45
Needle valve	150	150	150	150	150	150	150
Float weight	10g	10g	10g	10g	10g	7.5g	7.5g
Starting jet		0.80	0.95	95	80		
Starting diffuser		7482	7482.03	7482.03	7482		
Accelerator pump volume per 20 strokes	7~9	5.5~6.5	5.5~6.5	5.5~6.5	5.5~6.5	5~7	6~8
Float level dimensions	5~6mm	20~22mm	20~22mm	20~22mm	20~22mm	5~6mm	5~6mm
Car	1350 / 1500 Arna (twin carb)	Alfa 33 Series 3 1200?	Alfa 33 Series 3 1350	Alfa 33 Series 3 1500 1700	Series 2 1200 Arna	1350 Arna	

Solex

Solex

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Carb Model	Solex 32 DIS/ 40	Solex 32 DIS/ 41	Solex C 32 EIES 45	40 PII-4	40 PII-4	40 PII-4	40 PII-4
Part Number	534539	536213	534131				
Venturi	24mm	24mm	23mm				
Centering device							
Main jet	137	137	120 / 135				
Main air jet	165	165	170 / 190				
Diffuser							
Idling jet	62	62	55				
Idling air corrector	80	60	135 / 120				
			110 - 110 -				
Progression holes	110 - 110 - 110 - 130	110 - 110 - 110 - 130	130 / 120 - 120				
Accelerator pump jet	45	45	55				
Needle valve	160	160	160				
Float weight			7.5g				
Starting jet							
Starting diffuser							
Accelerator pump volume per 20 strokes	11~13	10~14	8~10 / 8~10				
Float level dimensions	3~3.5mm	6.7~7.5					
Car	1200 Arna	1350 Arna	1200 Arna	356	356	356	356