

Service-Information



Tech.Cust.Service VS-201 1o/LP/fm	BMW Motorcycles R60/6 - R90S Group 11: Engine	Munich, Nov '73 7/73 (090 M) e
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Ref: Carburetor

Dear Sirs,

It has been necessary to change several technical specifications relating to the carburetors shortly before production of the new motorcycles. These changes could not be included in the first edition of the Owner's Manual and are now given below.

	R 60/6	R 75/6	R 90/6	R 90 S
Carburetor type Bing, left	1/26/111	64/32/9	64/32/11	-
Carburetor type Bing, right	1/26/112	64/32/10	64/32/12	-
Carburetor type Dellorto, left	-	-	-	PHM 38 AS
Carburetor type Dellorto, right	-	-	-	PHM 38 AD
Carburetor ID	26	32	32	38
Main jet	140	135	150	155
Needle jet	2.68	2.70	2.68	2.60
	with accel. pump			
Jet needle No.	4	46-241	46-241	K 4
Needle position	2	3	1	3
Idling jet	40	45	45	60
Idling air jet	-	1	1	1.2
Idling air screw/idling mixture regulating screw opening ..turns	1/4 - 1 1/4	1/2 - 1	1	1 1/2
By-pass bore 1 mm dia.	0.8	1.0	0.7	1.4
By-pass bore 2 mm dia.	-	-	0.65	-
Float chamber vent bore	-	-	-	2.5
Float valve mm dia.	2.2	2.5	2.5	3.0
Float weight grams	10	13	13	10
Starting jet	-	60	60	77 46/70
Starting air jet mm dia.	-	2.0	2.0	-
Mixture passage	-	-	-	7.0
Air passage	-	-	-	6.0

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	R 60/6	R 75/6	R 90/6	R 90 S
Accel. pump jet	-	-	-	0.35
Fuel volume (sq.cm) injected per stroke	-	-	-	0.3
Rotary valve diaphragm	-	65-810	65-810	-
Rotary valve weight grams	-	102	106	-
Emulsion bores in rotary valve mm dia.	-	2.0/1.2/.07	2.0/1.2/.7	-
Intake air filter	One common "micro star" dry air filter for both carburetors			

The first production models of the type R 90/6 and R 90 S will be supplied with carburetors differing somewhat from the above.

R 90/6

Bing carburetors No. 64/32/13-14, which are identical with the carburetors on the R 75/5 model (No. 64/32/9-10), except for the following points:

Main jet	150
Needle jet	2.68
Needle position	1

R 90 S

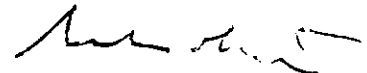
On the Dellorto Carburetor PHM 38 A S/D, a valve tickler is used instead of a choke.

Yours faithfully,
BAYERISCHE MOTOREN WERKE
Aktiengesellschaft

i.v.

Flohr

i.v.


Scholz

P.S. Contrary to the information given in the Owner's Manual, the Bing Carburetors (No. 1/26/111-112) without automatic choke used on our R 60/5 models will find application on R 60/6 models until further notice.