



# BING Carburettor, Pump and Parts Numbers



When ordering please note: **For efficient order processing we require the full BING carburettor, pump or parts number.**

The following shows how the BING numbers are made up and what the individual component numbers stand for.

## Carburettor Numbers

**Type / Inside diameter / Model number**

The first figure which has two to three digits denotes the **carburettor type**.

The **inside diameter** of the carburettor (the second number) is the smallest air duct diameter. In the case of throttle valve carburettors with exchangeable venturi this figure denotes the diameter of the throttle valve.

The third number is the **model number** which is used for numbering carburettors of a certain type with identical inside diameter consecutively.

A two-digit number stands for:

A "basic model" which is supplied to the engine manufacturer incomplete for completion at his works.

A three-digit number stands for:

A model which is supplied to the engine manufacturer complete ready for fitting to the engine or as a spare.

A four- to five-digit number stands for:

A model which is made up from a basic model by supplementing the carburettor and by having a number stamped on at the engine manufacturer's.

The first oblique stroke may be replaced by a letter. This is used if, for a certain carburettor type, the available model numbers have been used up.

When the second oblique stroke is replaced by a letter, this indicates certain technical features. Example: S = throttle valve carburettor with steel bushings

Example: 85/12/150 represents a BING carburettor type 85 with 12 mm inside diameter model 150.

On earlier BING carburettors the type number is replaced by a **design code**.

The numbers stand for the following:

- 1 – Cable-operated slide valve carburettor.
- 2 – Cable-operated slide valve carburettor with additional air slide to assist starting
- 3 – Slide valve carburettor for actuation by controller and additional lever override
- 4 – Lever-operated slide valve carburettor
- 5 – Slide valve carburettor for actuation by controller and additional cable override
- 6 – Slide valve carburettor for other types of operation
- 7 – Rotary valve carburettor
- 8 – Throttle valve carburettor
- 9 – Diaphragm carburettor

Example: 9/12/100 represents a diaphragm carburettor with a venturi diameter of 12 mm, model 100.

To bring the type numbers for earlier carburettor types in line with those for the more recent BING carburettors, type designations consisting of three letters were introduced for the earlier types. The first and second letters denote technical features. The third is used for consecutive numbering.



The letters stand for the following:

The first letter:

- S – slide valve carburettor
- D – Throttle valve or rotary valve carburettor
- H – Lever type carburettor (slide valve carburettor with lever structure)

The second letter:

- S – Lateral float carburettor
- R – Annular float carburettor
- L – Carburettor with idling system
- D – Rotary valve carburettor

The third letter:

A – Z for consecutive numbering

Example: SLC would be a slide valve carburettor with idling system model C.

Contrary to the model numbers used for more recent BING carburettors, the model numbers for earlier carburettor types may also have two digits to denote complete carburettor models.

## BING Pump Numbers

**Type – Model number**

The first number denotes the pump **type number**.

The **model number** is used for consecutive numbering of the various models of a pump type. It generally comprises three digits. The additional letter denotes the mounting direction of the filter cover.

## BING Parts Number

**Assembly – Model number**

BING components are grouped in **assemblies** within which they are numbered consecutively.

Example: 35-070 is a float (35) model 070.

**Assembly – Model number / Size**

The parts numbers for nozzles include an additional **size indication** following the oblique stroke.

Example: 44-031/100 is a nozzle (44) model 031 size 100.

**Assembly – Model number – Special design**

On various components a **special design** is shown by adding a hyphen and another number.

Example: 22-360-5 is a gas slide valve (22) model 360 special design 5.

**Assembly – Model number – Replacement set**

**Replacement sets** take their designation from one of their most important components; they are denoted by a number added after a hyphen.

Example: 52-388-201 is a replacement set consisting of a throttle shaft (52-388) with throttle valve and fixing screws the numbers of which are combined to form the number 201.

The numbers of the individual carburettor components available as spare parts are listed in the **BING Spare Parts List**. The heading contains the basic number of the component consisting of the assembly number and the model number. Size, special designs or replacement set numbers are given in the corresponding panel.