

features and tunings
of some parts
of the new range
of carburettors



type	choke #	engine connection	air intake
PHBG...A	15-16-17-18-19-20	• $\varnothing 24 - 26$	$\varnothing 32 - M 32 \times 1,25$
PHBG...B		• $\varnothing 25$	
PHBL...A	21-22-23-24-25	• $\varnothing 28,57 - 31,75$	$\varnothing 38 - M 38 \times 1,25$
PHBL...B		• $\varnothing 31$	
PHBH...A	26-27-28-29-30	• $\varnothing 35 - 37 - 40$	$\varnothing 42 - M 42 \times 1,25$
PHBH...B		• $\varnothing 38$	

• clip fitting • flexible fitting


PHBG...

PHBL...

PHBH...

type	choke #	engine connection	air intake
PHBE...A	30-32-34-36	• $\varnothing 42 - 45$	M 48x1,25
PHBE...B	30-32-34-36	• $\varnothing 44$	$\varnothing 48 - M 48 \times 1,25$
PHBE...H	30-32-34-36	• $\varnothing 44$	$\varnothing 64$
PHBE...P	30-32-34-36	• $\varnothing 40$	$\varnothing 64$

• clip fitting • flexible fitting


PHBE...

type	choke #	engine connection	air intake
PHF...A	30-32-34-36	* $\varnothing 42 - 45$	M 48x1,25
PHF...B	30-32-34-36	● $\varnothing 44$	$\varnothing 46,5 - M 48x1,25$

* clip fitting ● flexible fitting



PHF...



PHM...

type	choke #	engine connection	air intake	pump
PHM...B	38-40	* $\varnothing 45 - 48$	M 52x1,25	yes
PHM...E	38-40	● $\varnothing 46$	M 52x1,25	no
PHM...H	38-40-41	● $\varnothing 46$	$\varnothing 64 - 63$	no
PHM...N	36-40	● $\varnothing 46$	M 52x1,25	yes

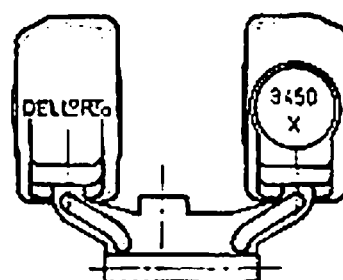
* clip fitting ● flexible fitting

NEEDLE VALVES

carburettor	code No.	x value (seat Ø) (measured in hundredths of a mm.)
PHBL-PHBM	9436 x 33	200
PHBE-PHF-PHM	8849 x 33	250-270-300
PHF	8882 x 33	420



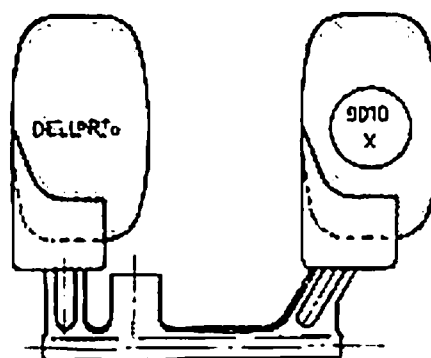
9436 x 33
8849 x 33
8882 x 33



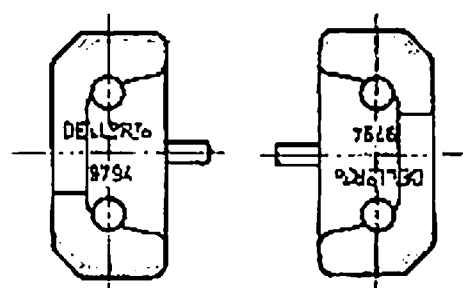
9450 x 80

FLOATS

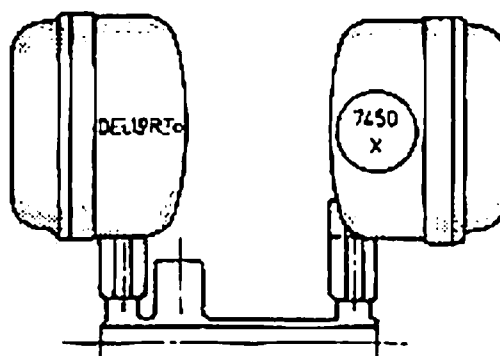
carburettor	code No.	weight (gr.)
PHBG	9450.01.80 9450.02.80	4 5
PHBL-PHBM	9010.01.80 9010.02.80	11 8
PHBE-PHF-PHM	7450.01.80 7450.02.80	10 14
PHBE-PHM	n 2 9794.01.80	3,5



9010 x 80



9794 x 80



7450 x 80

JETS



1488 x 02



1486 x 02



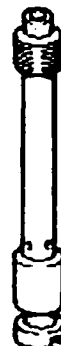
6413 x 02



7851 x 02



9501 x 02



7746 x 02

code No.	carburettor	x value (measured in hundredths of a mm.)
1488 x 02	PHBG	30-32-35-38-40-42-45-48 50-52-55-60-65-70
1486 x 02	PHBG-PHBL PHBH-PHBE PHF-PHM	35-38-40-42-45-48-50 52-55 185-188-190
6413 x 02	PHBL-PHBH PHBE-PHF PHM	70-72-75-78-80-82-85 88-90 192-195-198-200 205-210 290-295-300 310-320-330
7851 x 02	PHF-PHM	30-33-35-38-40-42-45 48-50-55-60
9501 x 02	PHBG	35-40-45-50-55-60-65-70
7746 x 02	PHBL-PHBH PHBE-PHF PHM	45-50-55-60-65-70-75 80-85-90-100-110-120

ATOMIZERS

PHBG carburetors

code No.	type	x value measured in hundredths of a mm.
9654 x 28	AV	255-260-262-264-266
9511 x 28	AN	258-260-262-264-266
10245 x 28	BP	258-260-262

2 stroke engines

4- and 2-stroke engines



9654 x 28



9511 x 28



10245 x 28

PHBL carburetors

code No.	type	x value measured in hundredths of a mm.
9564 x 28	AQ	260-262-264-266-268
8358 x 28	K	266-268-270
8566 x 28	D	268-269-270
8935 x 28	AE	268-269-270
9143 x 28	AG	260



9564 x 28



8358 x 28



8566 x 28



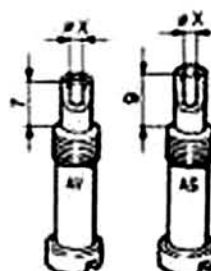
8935 x 28



9143 x 28

PHBH carburetors

code No.	type	x value measured in hundredths of a mm.
9695 x 28	AV	264-265-268-270
9423 x 28	AS	260-265-270
7790 x 28	P	266-268-270
7972 x 28	T	260-262-264-266-268-270
9979 x 28	BC	262



9695 x 28



9423 x 28



7790 x 28



7972 x 28

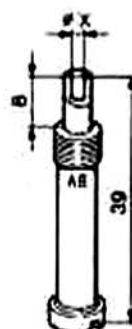


9979 x 28

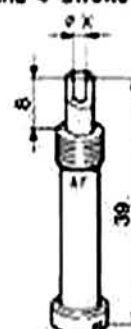
PHBE - PHF - PHM carburetors

code No.	type	x value measured in hundredths of a mm.
8540 x 28	AB	260-262-265-268-270 272-275
8979 x 28	AF	330-340-350-360
9593 x 28	AR	260-262-265-270

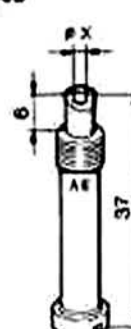
2- and 4-stroke engines



8540 x 28



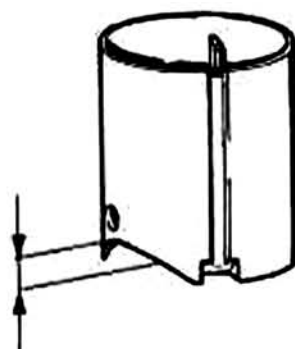
8979 x 28



9593 x 28

THROTTLE SLIDES

carburettor	code No.	x value measured in tenths of a mm.
PHBG	9475 x 64	30-40-50-60
PHBL	9645 x 64	30-40-50-60
PHBH	9374 x 64	30-40-50-60-70
PHBE	9309 x 64	40-50-60-70

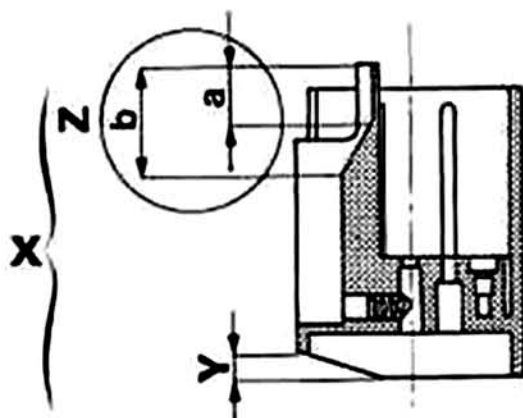


THROTTLE SLIDES FOR PHF AND PHM CARBURETTORS

Throttle slides for PHF carburetors have the part-number 8553 x 64 produced in different sizes (X) — 401-402-501-503-601-602-603-604-701-702.

Throttle slides for PHM carburetors have the part-number 8639 x 64 produced in different sizes (X) — 401-501-503-601-603-605-701.

These sizes are marked 40/1, 40/2, etc. on the lower part of the throttle valve castings.



As you can see from the figure, the size value, 501, 601, etc., of these slides is formed by two elements Y and Z.

Y represents the cutaway size and Z in a symbol which is similar for both PHF and PHM slides and which determines the position and the variation of the pump operating cam.

The values of Z are:

z values	a	b
1	10	20
2	13	23
3	2	30
4	13	26
5	2	20

A throttle slide 8553,602,64 is therefore for a PHF carburettor and has a 60 cutaway (60mm) and with a pump control cam with the start of operation at 13 mm (dimension a) and the end of the pump action at 23 mm (dimension b).