

# club dei riparatori

The winning solution to manufacture and repair all kinds of pressure washers







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# Unloader valves



## • By-pass: medium pressure



The spare parts branded "CdR®" exclusively refer to products by Club dei Riparatori® by IDROBASE®



gr. 390 oz. 13.8	<b>CDR.0456</b>	<b>CDR.0839</b>	gr. 25 oz. 0.9
<b>VB 130</b> , 160 bar-2300 psi, 25 l/min-6.5 USGpm, 90 °C-195 °F inlet G 3/8" M, outlet G 3/8" M		<b>Service kit VB 130-VB 135</b>	
<i>By-pass G 3/8" F</i>		<i>quantity 11x1</i>	

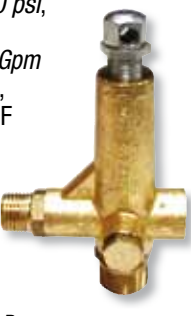

gr. 390 oz. 13.8	<b>P.60.0700.00</b>	<b>ZX.0838</b>	gr. 25 oz. 0.9
<b>VB 7</b> , 220 bar-3200 psi, 30 l/min-8 USGpm, 90 °C-195 °F, inlet G 3/8" M, outlet G 3/8" F		<b>Service kit VB 130-VB 135</b>	
<i>By-pass G 3/8" F</i>		<i>quantity 11x1</i>	



gr. 790 oz.	<b>CDR.1402</b>	<b>CDR.1407</b>	gr. 15 oz.
<b>VRT3 blue</b> , 220 bar-3200 psi, 30 l/min-8 USGpm, 90 °C-195 °F, inlet 2 x G 3/8" M, outlet G 3/8" F		<b>Service kit VRT3</b>	
<i>By-pass 2 x G 3/8" F pressure gauge connection G1/4" F</i>		<i>quantity 12x1</i>	

gr. 780 oz. 27.6	<b>P.60.0006.60</b>	<b>CDR.0830</b>	gr. 20 oz. 0.8
<b>Pulsar 3</b> , 220 bar-3200 psi, 30 l/min-8 USGpm, 90 °C-195 °F, inlet G 3/8" F, outlet G 3/8" F		<b>Service kit Pulsar 3</b>	
<i>By-pass 2 x G 3/8" F</i>		<i>quantity 11x1</i>	

gr. 770 oz. 27.2	<b>P.60.2250.00</b>	<b>CDR.0834</b>	gr. 20 oz. 0.8
<b>VB 9</b> , 200 bar-2900 psi, 30 l/min-8 USGpm, 90 °C-195 °F, inlet G 3/8" F, outlet G 3/8" F		<b>Service kit VB 9</b>	
<i>By-pass G 3/8" F</i>		<i>quantity 9x1</i>	









gr. 1100 oz. 38.9	<b>CDR.0840</b>	<b>CDR.0835</b>	gr. 95 oz. 3.4
<b>VB 10</b> , 220 bar-3200 psi, 30 l/min-8 USGpm, 90 °C-195 °F, inlet G 3/8" F, outlet G 3/8" F		<b>Service kit VB 10</b>	
<i>By-pass G 3/8" F</i>		<i>quantity 15x1</i>	

gr. 760 oz. 26.9	<b>I.K3.1</b>	<b>I.KIT-59</b>	gr. 70 oz. 2.5
<b>K3.1</b> , 100 bar-1450 psi, 11÷16 l/min 2.90÷4.22 USGpm inlet G 3/8" F, outlet G 1/2" F		<b>Service kit K3.1</b>	
<i>By-pass G 3/4" M-G 1/4" F</i>		<i>quantity 16x1</i>	

gr. 1060 oz.	<b>I.K5.1</b>	<b>I.KIT-58</b>	gr. 100 oz.
<b>K5.1</b> , 200 bar-2900 psi, 11÷16 l/min, 2.90÷4.22 USGpm, inlet G 3/8" F, outlet G 1/2" F		<b>Service kit K5.1</b>	
<i>By-pass G 3/4" M-G 1/4" F</i>		<i>quantity 16x1</i>	









## Unloader valves

• **By-pass: medium pressure**

<p>gr. 945 oz. 33.4</p> <p><b>CDR.1403</b></p> <p><b>VRT3-P blue</b> with micro-switch, 220 bar-3200 psi, 30 l/min-8 USGpm, 90 °C-195 °F, inlet 2 x G 3/8" M, outlet G 3/8" F</p>  <p><i>By-pass 2 x G 3/8" F, pressure gauge connection G 1/4" F</i></p>	<p><b>CDR.1408</b></p> <p>gr. 25 oz. 0.9</p> <p><b>Service kit VRT3-P</b></p>  <p><i>quantity 17x1</i></p>	<p>gr. 900 oz. 31.8</p> <p><b>P.60.0010.62</b></p> <p><b>Pulsar 3</b> + microswitch, 220 bar-3200 psi, 30 l/min-8 USGpm, 90 °C-195 °F, inlet G 3/8" F, outlet G 3/8" F</p>  <p><i>By-pass 2 x G 3/8" F</i></p>	<p><b>CDR.0837</b></p> <p>gr. 25 oz. 0.9</p> <p><b>Service kit Pulsar 3 + micro-switch</b></p>  <p><i>quantity 16x1</i></p>
<p>gr. 1000 oz. 35.3</p> <p><b>P.60.2350.00</b></p> <p><b>VB 9</b> + micro-switch, 200 bar-2900 psi, 30 l/min-8 USGpm, 90 °C-195 °F, inlet G 3/8" F, outlet G 3/8" F</p>  <p><i>By-pass G 3/8" F</i></p>	<p><b>CDR.0831</b></p> <p>gr. 15 oz. 0.6</p> <p><b>Service kit VB 9 + micro-switch</b></p>  <p><i>quantity 17x1</i></p>	<p>gr. 850 oz. 30.0</p> <p><b>CDR.0376</b></p> <p><b>ST-261</b> + micro-switch, 250 bar-3650 psi, 30 l/min-8 USGpm, 80 °C-175 °F, inlet G 3/8" F, outlet G 1/2" F</p>  <p><i>By-pass G 1/4" F</i></p>	<p><b>CDR.0419</b></p> <p>gr. 60 oz. 2.2</p> <p><b>Service kit ST-261 + micro-switch</b></p>  <p><i>quantity 1</i></p>

## Unloader valves

• **By-pass: high pressure**

<p>gr. 1270 oz. 44.9</p> <p><b>CDR.0374</b></p> <p><b>VB 80/280,</b> 280 bar-4050 psi, 80 l/min-21 USGpm, 90 °C-195 °F, inlet G 1/2" F, outlet G 1/2" F</p>  <p><i>By-pass G 1/2" F</i></p>	<p><b>CDR.0838</b></p> <p>gr. 20 oz. 0.8</p> <p><b>Service kit VB 80/280</b></p>  <p><i>quantity 9x1</i></p>	<p>gr. 850 oz. 30.0</p> <p><b>CDR.0045</b></p> <p><b>VB 280,</b> 280 bar-4050 psi, 40 l/min-10.50 USGpm, 90 °C-195 °F, inlet G 3/8" M, outlet G 3/8" F</p>  <p><i>By-pass G 1/2" F</i></p>	<p><b>CDR.0832</b></p> <p>gr. 95 oz. 3.4</p> <p><b>Service kit VB 280-VB 350</b></p>  <p><i>quantity 12x1</i></p>
<p>gr. 880 oz. 31.1</p> <p><b>CDR.0375</b></p> <p><b>VB 350,</b> 350 bar-5100 psi, 40 l/min-10.50 USGpm, 90 °C-195 °F, inlet G 3/8" M, outlet G 3/8" F</p>  <p><i>By-pass G 1/2" F</i></p>	<p><b>CDR.0832</b></p> <p>gr. 95 oz. 3.4</p> <p><b>Service kit VB 280-VB 350</b></p>  <p><i>quantity 12x1</i></p>	<p>gr. 3450 oz. 121.8</p> <p><b>CDR.0422</b></p> <p><b>VB 16,</b> 500 bar-7250 psi, 80 l/min-21 USGpm, 90 °C-195 °F, inlet G 1/2" F, outlet G 1/2" F</p> <p><i>110 bar-1600 psi is the minimum pressure at the by-pass restart. 190 bar-2750 psi is the residual pressure when the circuit closes.</i></p>  <p><i>By-pass G 1/2" F</i></p>	<p><b>CDR.0976</b></p> <p>gr. 70 oz. 2.5</p> <p><b>Service kit VB 16</b></p>  <p><i>quantity 24x1</i></p>

# Unloader valves

## • Bolt valves: medium pressure

gr. 940  
oz. 33.2

**CDR.0025**

**VB 55 LS,**  
220 bar  
3200 psi,  
30 l/min  
8 USGpm,  
90 °C  
195 °F,  
outlet  
G 3/8" M




Connections  
G 3/8" x G 1/2"

**CDR.0466**

gr. 20  
oz. 0.7

**Service kit  
VB 55**



quantity  
10x1

gr. 940  
oz. 33.2

**CDR.0028**

**VB 55 XR-RK-FS,**  
220 bar  
3200 psi,  
30 l/min  
8 USGpm,  
90 °C  
195 °F,  
outlet  
G 3/8" M



Connections  
G 3/8" x G 1/2"

**CDR.0466**

gr. 20  
oz. 0.7

**Service kit  
VB 55**



quantity  
10x1

gr. 1050  
oz. 36.8

**CDR.0027**

**VB 55 XR-RK-FS,**  
with injector ø2,1.  
3200 psi,  
30 l/min  
8 USGpm,  
90 °C  
195 °F,  
outlet  
M 22 M



Connections  
G 3/8" x G 1/2"

**CDR.0466**

gr. 20  
oz. 0.7

**Service kit  
VB 55**



quantity  
10x1

gr. 900  
oz. 31.8

**P.60.1375.00**

**VB 55 HC,**  
220 bar  
3200 psi,  
30 l/min  
8 USGpm,  
90 °C  
195 °F,  
outlet  
G 3/8" F



Connections  
G 3/8" x G 3/8"

**CDR.0466**

gr. 20  
oz. 0.7

**Service kit  
VB 55**



quantity  
10x1

gr. 900  
oz. 31.8

**P.60.0757.00**

**VB 75 LEUCO/HAWK SST,**  
220 bar  
3200 psi,  
30 l/min  
8 USGpm,  
90 °C  
195 °F,  
outlet  
G 3/8" F



Connections  
G 3/8" x G 1/2"

**ZX.0838**

gr. 20  
oz. 0.7

**Service kit  
VB 7-VB 75**



quantity  
9x1

gr. 900  
oz. 31.8

**P.60.0765.00**

**VB 75 XM,**  
220 bar  
3200 psi,  
30 l/min  
8 USGpm,  
90 °C  
195 °F,  
outlet  
G 3/8" M



Connections  
G 3/8" x G 1/2"

**ZX.0838**

gr. 20  
oz. 0.7

**Service kit  
VB 7-VB 75**




quantity  
9x1

gr. 900  
oz. 31.8

**P.60.0930.00**

**VB 75 W91-151-"63",**  
220 bar  
3200 psi,  
30 l/min  
8 USGpm,  
90 °C  
195 °F,  
outlet  
G 3/8" F




Connections  
G 3/8" x G 1/2"

**ZX.0838**

gr. 20  
oz. 0.7

**Service kit  
VB 7-VB 75**



quantity  
9x1

gr. 640  
oz. 22.6

**P.60.0800.00**

**VB 135 XT-HPE,**  
160 bar  
2300 psi,  
25 l/min  
6.5 USGpm,  
90 °C  
195 °F  
outlet  
G 3/8" M



Connections  
G 3/8" x G 1/2"

**CDR.0839**

gr. 25  
oz. 0.9

**Service kit  
VB 130-VB 135**



quantity  
11x1

gr. 650  
oz. 23.0

**P.60.0380.25**

**VB 135 WW55,**  
160 bar  
2300 psi,  
25 l/min  
6.5 USGpm,  
90 °C  
195 °F  
outlet  
G 3/8" M



Connections  
G 1/4" x G 3/8"

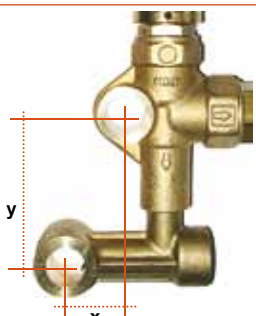
**CDR.0839**

gr. 25  
oz. 0.9

**Service kit  
VB 130-VB 135**



quantity  
11x1



*How to measure the distance between bolts hole*

Code	X (mm)	Y (mm)
<b>CDR.0025</b>	2,5	63
<b>CDR.0028</b>	4,5	66
<b>CDR.0027</b>	4,5	66
<b>P.60.1375.00</b>	26,0	66-76
<b>P.60.0757.00</b>	20,0	60
<b>P.60.0765.00</b>	5,0	56
<b>P.60.0930.00</b>	19,0	62-73
<b>P.60.0800.00</b>	5,0	53
<b>P.60.0380.25</b>	0,0	62

