

NEW

# Liquid fertilizer nozzle VR



Crop production / Ground care

Dimensions in mm.

- Liquid fertilizer nozzle with variable flow rate
- Based on FD design with extremely uniform lateral distribution

### Advantages

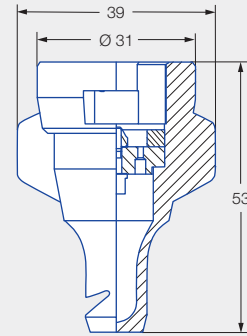
- Variable flow rate covers up to five ISO FD nozzle sizes
- Higher workrate without changing nozzles
- Flexible delivery with changing spraying speeds and in precise farming applications
- Gentle liquid fertilizer application thanks to extremely low spray impact
- Minimum risk of scorching due to ultra-coarse droplet spectrum
- Nozzle in cap with MULTIJET bayonet system incl. gasket and nozzle strainer 80 M



VR-M



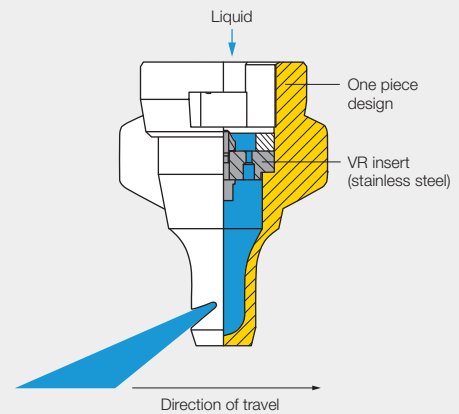
VR-L



Series VR



Removable insert



### Application:



Liquid fertilizer delivery



Golf course

### Technical data:



Nozzle sizes  
VR-M and VR-L



Spray angle  
130°



Materials  
POM, stainless steel



Pressure ranges  
2–8 bar



Recommended strainer  
80 M



Droplet size  
Ultra coarse



Spray heights  
50–70 cm


### Assembly



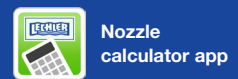
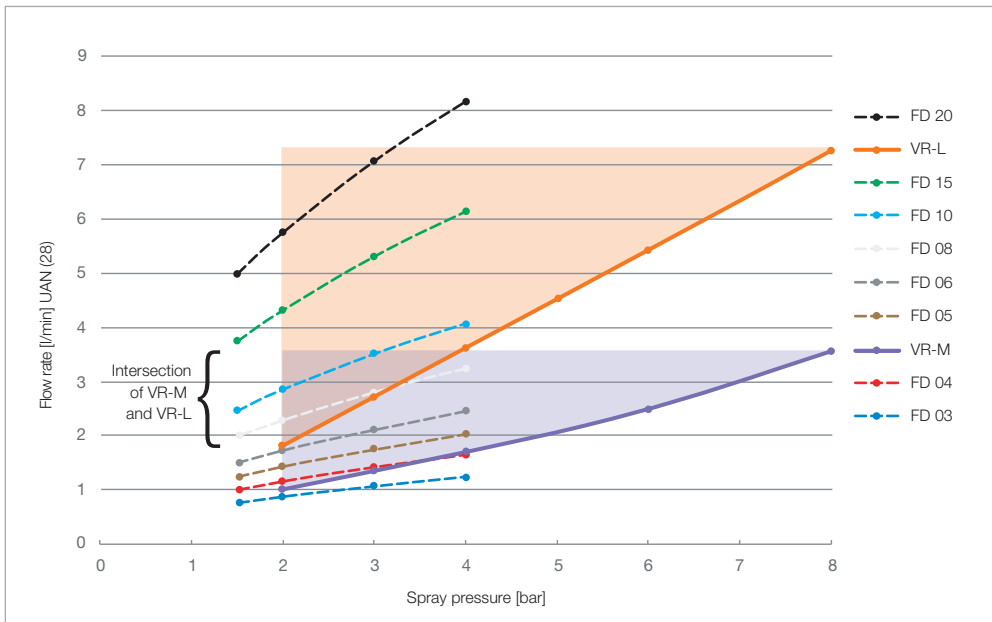
### Note

The Lechler VR assembly aid facilitates aligned installation of the VR stainless steel insert including gasket.  
Order number of VR assembly tool: **6VR.000.56.10.00**  
(can be optionally ordered)

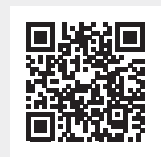


	[l/min]	UAN [l/ha] 									
		UAN 28	5.0 km/h	6.0 km/h	7.0 km/h	8.0 km/h	10.0 km/h	12.0 km/h	14.0 km/h	16.0 km/h	18.0 km/h
VR-M	2.0	1.03	247	206	177	154	124	103	88	77	69
	3.0	1.37	329	275	235	206	165	137	118	103	92
	4.0	1.71	410	341	293	256	205	171	146	128	114
	5.0	2.07	496	414	355	310	248	207	177	155	138
	6.0	2.50	600	500	428	375	300	250	214	187	167
	7.0	2.92	701	584	501	438	351	292	250	219	195
8.0	3.57	857	715	612	536	429	357	306	268	238	
VR-L	2.0	1.83	439	366	314	275	220	183	157	137	122
	3.0	2.71	650	542	465	407	325	271	232	203	181
	4.0	3.64	874	729	625	546	437	364	312	273	243
	5.0	4.52	1,086	905	775	678	543	452	388	339	302
	6.0	5.43	1,303	1,086	931	814	652	543	465	407	362
	7.0	6.40	1,535	1,280	1,097	960	768	640	548	480	427
8.0	7.29	1,749	1,457	1,249	1,093	874	729	625	546	486	

- Operating pressure at the nozzle (measured with diaphragm valve)
- The stated liter-per-hectare rates apply to UAN (28/1.28 kg/l)
- Verify the table values by gauging the flow rates prior to every spraying season
- Ensure uniform nozzle adjustment



The apps for Lechler agricultural nozzles make selection and use of the optimum nozzle even easier. Find out more here: [www.lechler.com/de-en/service/apps](http://www.lechler.com/de-en/service/apps)



### Recommendation

Use in flow-controlled boom sprayers.

Ordering Series + Nozzle size = Order no.  
 example: VR + M = VR-M

