

# SPECIFICATION



# MODULAR PUMP TECHNOLOGY FOR ALL REQUIREMENTS

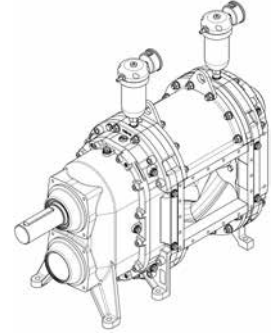
Vogelsang rotary lobe pumps  
and their application areas

**VOGELSANG**  
ENGINEERED TO WORK



# VX-Serie

Vogelsang VX series rotary lobe pumps –  
proven reliable in the widest variety of pumping tasks



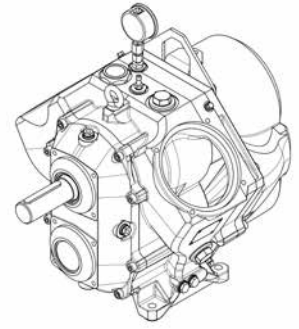
Type	Marathon	Stroke volume	Max. capacity*		Max. pressure			Max. speed	Max. shaft deflection	
			l/rev.	m <sup>3</sup> /h	l/min	Q bar	QD bar		Marathon bar	Q mm/bar
<b>VX100 series</b>										
45		0.29	17	290	10			1000	0.01	
64		0.42	25	420	9			1000	0.02	
90		0.59	35	590	7			1000	0.04	
128		0.84	50	840	4			1000	0.08	
<b>VX136 series</b>										
70	140 (70/70)	1.27	61	1,016	10		16	800	0.01	0.002
105	210 (105/105)	1.90	91	1,520	10	12	16	800	0.03	0.004
140	280 (140/140)	2.53	121	2,024	8	12	14	800	0.05	0.007
210	420 (210/210)	3.80	182	3,040	5	10	12	800	0.16	0.016
280		5.06	243	4,048		8		800		0.031
420		7.59	364	6,072		6		800		0.090
<b>VX186 series</b>										
92	184 (92/92)	3.56	128	2,136	10		16	600	0.01	
130	260 (130/130)	5.03	181	3,018	10	12	16	600	0.02	0.003
184	368 (184/184)	7.12	256	4,272	8	12	14	600	0.05	0.008
260	520 (260/260)	10.06	362	6,036	5	10	12	600	0.12	0.012
368		14.24	513	8,544	3	8		600	0.33	0.028
390		15.09	543	9,054	3	7		600	0.40	0.028
520		20.12	724	12,072		6		600		0.069
736		28.48	1,025	17,088		3		600		0.191
<b>VX215 series</b>										
226		15.47	501	8,345	5	8		540	0.10	0.010
320		21.88	708	11,815	2.5	7		540	0.29	0.026
452		30.94	1,002	16,708		5		540		0.063
640		43.76	1,417	23,630		3		540		0.161
<b>VX230 series</b>										
226		13.45	436	7,263	8	12		540	0.05	0.006
320		19.04	617	10,282	5	10		540	0.13	0.012
452		26.90	872	14,526		10		540		0.029
640		38.08	1,234	20,563		6		540		0.073

\* Maximum theoretical capacity. In practice, the capacity is normally lower, depending on pressure difference, medium viscosity and pump installation.

We would be happy to configure the best rotary lobe pump for your application with the help of our computer-assisted sizing software.

# IQ-Serie

Greater cost-effectiveness thanks to reduced maintenance and service



Type	Stroke volume	Max. capacity*		Max. pressure	Max. speed	Max. shaft deflection
		l/rev.	m <sup>3</sup> /h			
<b>IQ112 series</b>						
81	1.02	55	918	7	900	0.04
114	1.44	78	1,296	5	900	0.08
<b>IQ152 series</b>						
112	2.61	110	1,827	7	700	0.03
158	3.67	154	2,596	5	700	0.08

\* Maximum theoretical capacity. In practice, the capacity is normally lower, depending on pressure difference, medium viscosity and pump installation.  
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## What we offer

We provide solutions in the following sectors:  
AGRICULTURE, BIOGAS, INDUSTRY,  
TRANSPORTATION, WASTE WATER



## Our broad range of products and services

- Consulting and service
- Data management and control technology
- Disintegration technology
- Individually tailored solutions for special applications
- Pumps and pump systems
- Solid matter feeders
- Solids reduction, separators and mixers
- Spreading technology
- Supply, disposal and cleaning

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