

GRblue[®]

PROFESSIONAL

- Grinder (GR) comes with a high head Cast Iron impeller and cutter, with up to 69,000 cuts per minute
- The system cuts fibres and stringy bodies and assures smooth pump functioning
- Features a float switch on single phase versions
- 10m Power lead
- Horizontal outlet

Common Uses

- Polluted biological liquids
- Strained biological liquids
- Percolated liquids and liquids from dump sites
- Animal sewage
- Liquids containing fibrous bodies

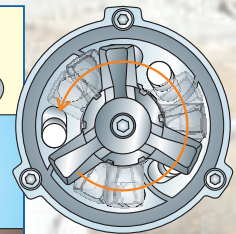
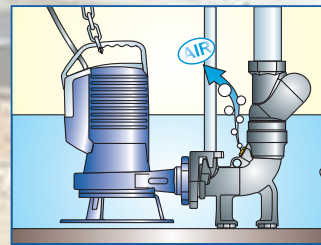
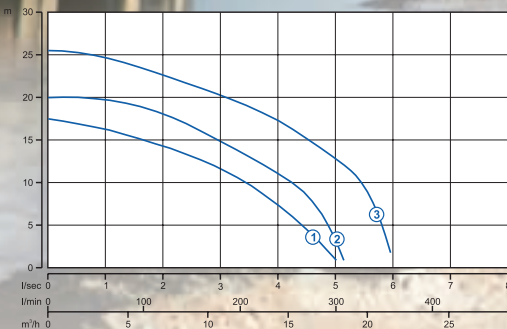
HT Models are Three Phase without float

HMG Models are Single Phase with float



Model/Part No.	Supplied Power (kw)	HP	Diameter of Outlet Opening (mm)	Poles	Grinder RPM	List Price
ZEN-GRBLUEP 100/2/G40HMG/HT	0.75	1	40	2	2900	\$1690
ZEN-GRBLUEP150/2/G40HMG/HT	1.1	1.5	40	2	2900	\$1875
ZEN-GRBLUEP 200/2/G40HMG/HT	1.5	2	40	2	2900	\$2650

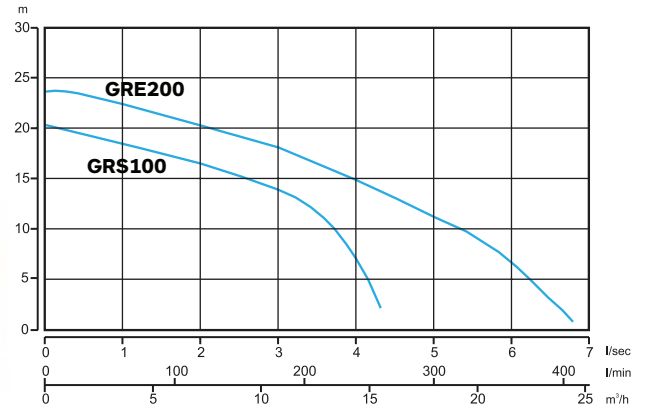
Model/Part No.	l/s	0	1	2	3	4	5
	l/min	0	60	120	180	240	300
	m ³ /h	0	3.6	7.2	10.8	14.4	18
ZEN-GRBLUEP 100/2/G40HMG/HT		17.4	15.8	13.7	11.1	6.9	
ZEN-GRBLUEP150/2/G40HMG/HT		20	18.9	16.9	13.4	9.2	3.7
ZEN-GRBLUEP 200/2/G40HMG/HT		26.2	24.9	22.5	19.5	15.3	6.9



Water technology at your service



GRE / GRS / GRN Drainage



Model/Part No.	kW	Flow Rate							
		l/s	0	1	2	3	4	5	6
ZEN-GRS 100/2/G40H	0.74	0	60	120	180	240	300	360	
ZEN-GRE 200/2/G50H	1.5	0	3.6	7.2	10.8	14.4	18	21.6	
ZEN-GRI 200/2/G50H	1.5	20.3	18.5	16.5	14.0	7.1			

Model/Part No.	kW	Flow Rate														
		l/s	0	2	4	6	8	10	12	14	16	18	20	22	24	26
ZEN-GRN 250/2/G40H	1.8	0	120	240	360	480	600	720	840	960	1080	1200	1320	1440	1560	
ZEN-GRN 300/2/G50H	2.2	0	7.2	14.4	21.6	28.8	36	43.2	50.4	57.6	64.8	72	79.2	86.4	93.6	
ZEN-GRN 400/2/G50H	3	27.5	25.3	20.3	11											
ZEN-GRN 300/4/80	2.2	9	8.5	8.1	7.6	7.1	6.6	6.2	5.7	5.2	4.7	4.1	3.6	3		
ZEN-GRN 300/4/100	2.2	8.7	8.1	7.6	7.1	6.7	6.3	6	5.6	5.2	4.7	4.1	3.5	2.9	2.2	
ZEN-GRN 400/4/80	3	9.1	8.7	8.3	7.8	7.4	6.9	6.4	6	5.4	4.9	4.3	3.7	3		
ZEN-GRN 400/4/100	3	8.4	8	7.6	7.2	6.8	6.4	6.1	5.8	5.4	5.1	4.7	4.1	3.4	2.3	

See over page for GRN pump curves



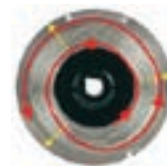
Cutter

Cutting system consisting of a perforated disc with sharp edges and a triangular knife made of extra strong stainless steel which can finely chop solid and filamentary bodies
Up to 60,000 cuts per minute



WEAR PLATE

ACS (anti-clogging) system consisting of a plate specially worked to permit cutting and expulsion of small solid bodies and fibres



IMPELLER

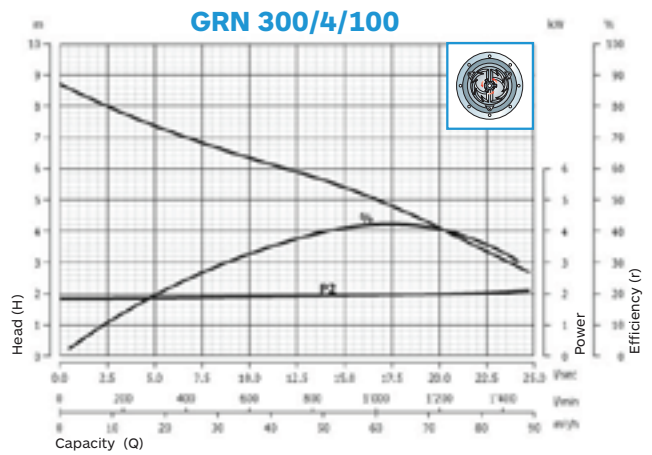
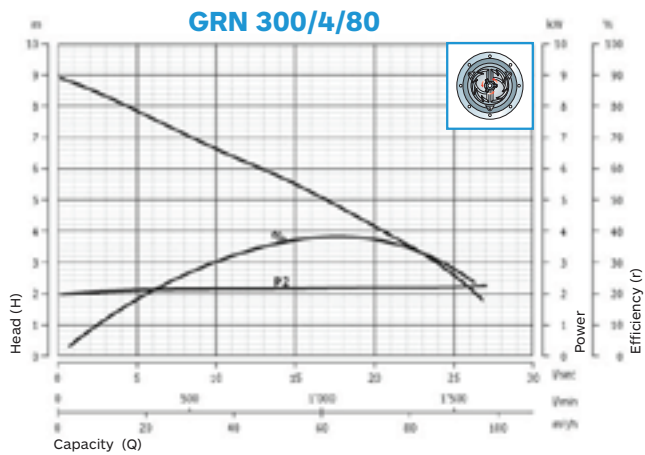
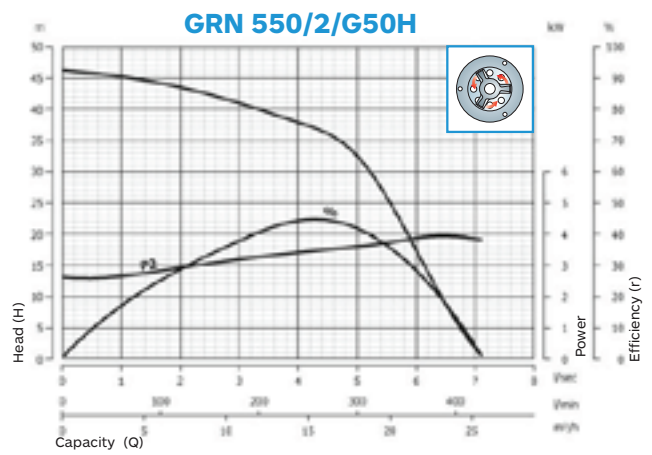
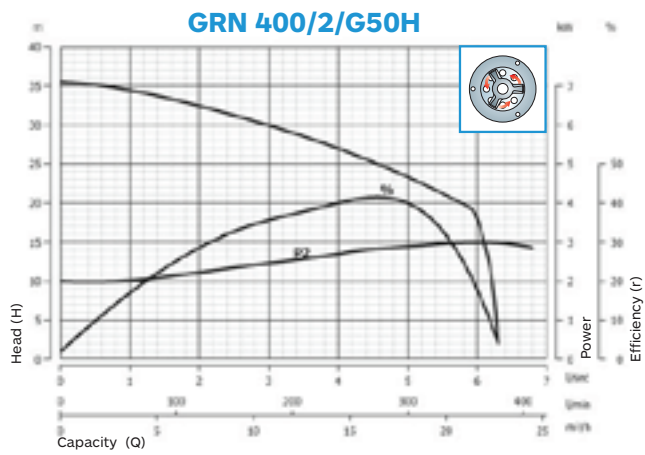
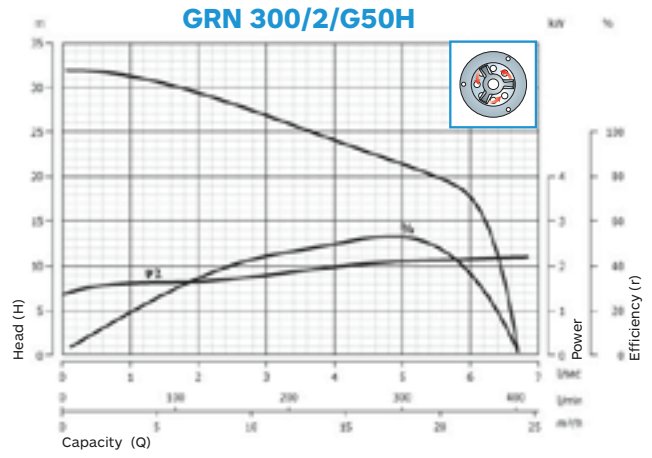
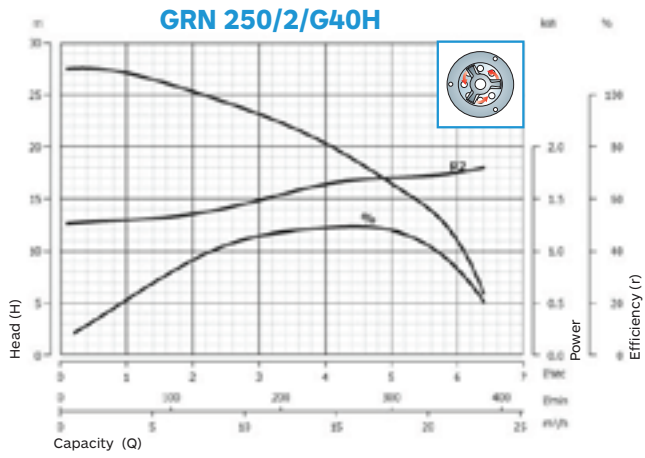
"Spiral" grooves on the back of the impeller in the opposite direction to the direction of rotation, with combined action for tearing and expelling filamentary bodies before they reach the shaft and mechanical seals



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GRN Pump curves



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