

Royal Exclusiv pumps & skimmers

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Since 1986



Data sheet and list of spare parts for Red Dragon® 3 flow-pump

For all Red Dragon® 3 Mini Speedy 50/60 Watt / 5,0m³ pumps

v7.0

ENG





Data sheet and power curve for flow pump with adjustable speed motor

Red Dragon® 3 Mini Speedy pump 50/60 Watt / 5,0m³ Product no.: 601 634,13 €

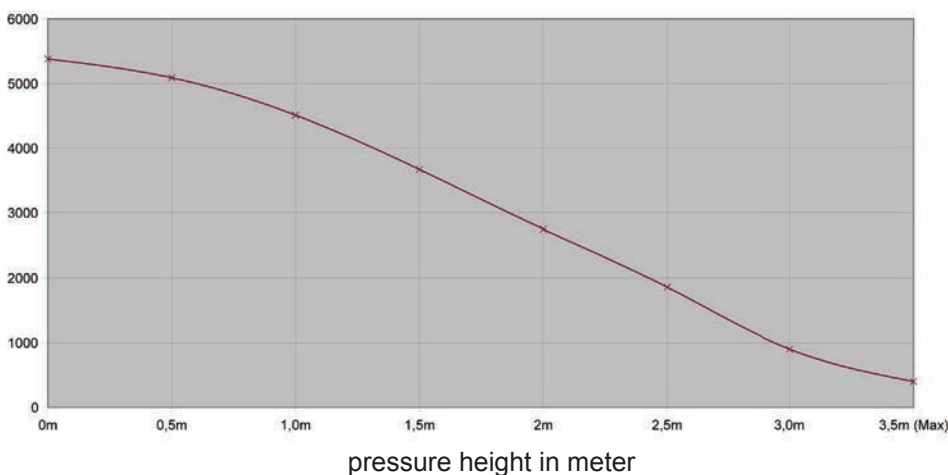
Technical data Red Dragon® 3 Mini Speedy Pumpe 50 Watt / 5,0m³:

Performance:	5.000 liter / h
Cable length:	0,8 meter (plug controller) 3,0 meter (controller to pump)
Pressure side:	Ø 25 mm
Intake side:	Ø 40 mm
Wattage:	adjustable 15-50 (60) Watt
Pressure height:	max. 4,0 meter
Material/color:	PVC black/red/grey with screw connection
Operating voltage:	230 Volt 50 Hz (also in 110V/60Hz available)
Noise level:	32 db (measured in 1 m distance - operation external)
Protection class:	IP 68 (submersible pump) IP 66 (controller)
Weight:	3,5 kg
Height of intake side:	center 70 mm
Dimension pump:	110 mm wide / 200 mm length / ~ 160 mm height
Dimension controller:	120 mm wide / 170 mm length / ~ 65 mm height



- Saltwater resistant M6 grade 2 titanium screws
- Saltwater resistant parabolic rubber feet for acoustic decoupling
- Extreme low noise brushless dc-delivery pump with grouted power electronics
- High efficient technology Made in Germany
- Inlet and Outlet complete with DIN connection, compact dimensions
- High performance ceramics bearings
- "The only" saltwater resistant pump with titanium rotor, titanium stator and shrivelled bearings
- Easy usage and maintenance. Low risk of calcification due to polished titanium parts
- Heavy and massive craftsmanship against vibrations and oscillation
- CE conformity, developed and built according to VDE guidelines

Liter/h **Power curve 50W full load**



For more information, please visit www.royal-exclusiv.de. Simply enter the part number or name into the search box or email: info@royal-exclusiv.de.

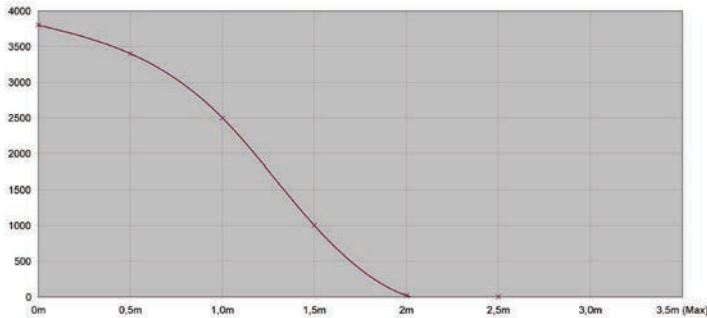
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Since 1986



liter/h



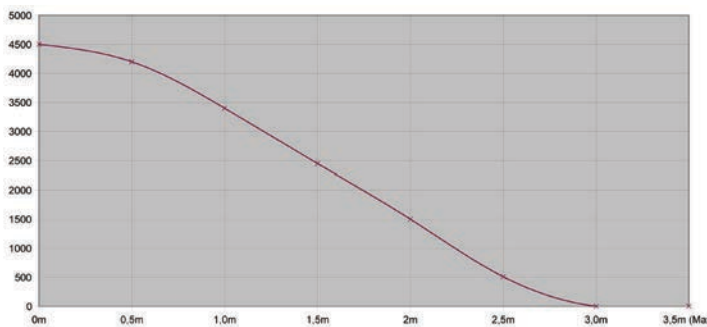
pressure height in meter

Red Dragon® 3 Mini Speedy Pump 50 Watt / 5,0m³

Power curve with **20W**

pressure height inch	0"	19.69"	39.37"	59.06"	78.74"	98.43"	118.1"	137.8"
pressure height meter	0m	0,5m	1,0m	1,5m	2m	2,5m	3,0m	3,5m (Max)
liter / hour	3800	3400	2500	1000	20	0		
gallons / hour	1004	898	660	264	5	0		

liter/h



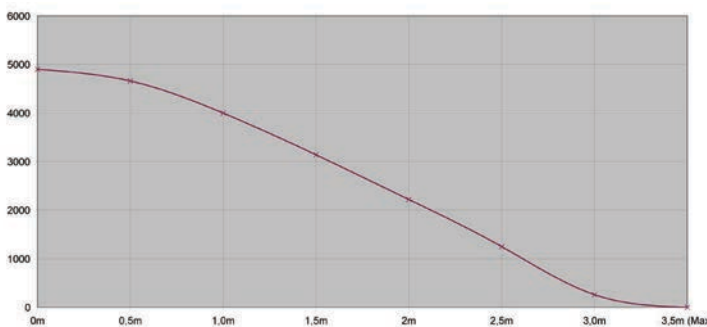
pressure height in meter

Red Dragon® 3 Mini Speedy Pump 50 Watt / 5,0m³

Power curve with **30W**

pressure height inch	0"	19.69"	39.37"	59.06"	78.74"	98.43"	118.1"	137.8"
pressure height meter	0m	0,5m	1,0m	1,5m	2m	2,5m	3,0m	3,5m (Max)
liter / hour	4500	4200	3400	2450	1500	510	0	0
gallons / hour	1189	1110	898	647	396	135	0	0

liter/h



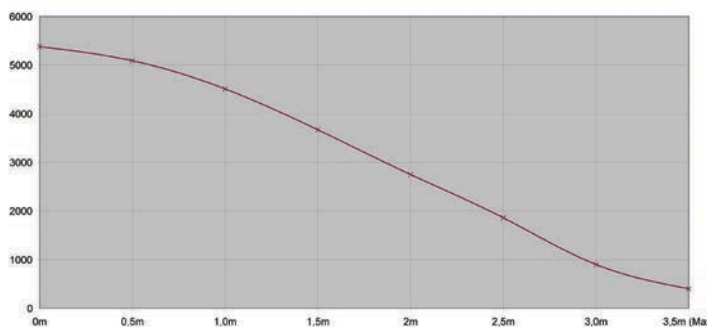
pressure height in meter

Red Dragon® 3 Mini Speedy Pump 50 Watt / 5,0m³

Power curve with **40W**

pressure height inch	0"	19.69"	39.37"	59.06"	78.74"	98.43"	118.1"	137.8"
pressure height meter	0m	0,5m	1,0m	1,5m	2m	2,5m	3,0m	3,5m (Max)
liter / hour	4900	4660	4000	3140	2220	1250	260	0
gallons / hour	1294	1231	1057	830	586	330	69	0

liter/h



pressure height in meter

Red Dragon® 3 Mini Speedy Pump 50 Watt / 5,0m³

Power curve with **50W**

pressure height inch	0"	19.69"	39.37"	59.06"	78.74"	98.43"	118.1"	137.8"
pressure height meter	0m	0,5m	1,0m	1,5m	2m	2,5m	3,0m	3,5m (Max)
liter / hour	5380	5090	4510	3670	2750	1860	900	400
gallons / hour	1421	1345	1191	970	726	491	238	106

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Red Dragon® 3 Mini Speedy pump 50/60 Watt / 5,0m³ Product no.: 601

list of spare parts	Product.no. (110V)	(230V)	Price
part motor block 50/60W		601/SP21	281,81 €
controller (complete with wire)	601/50/1 (+15,75€)	601/50/2	295,20 €
rotor complete 50W		601/SP23	155,82 €
rotor complete 1500-2500 L air		601/SP24	155,82 €
pump head Flow		601/SP26	24,31 €
pump head BK (<i>Bubble King</i>)		601/SP1500	20,99 €
titan screw 6x32mm with nut		601/SP28	5,52 €
titan screw 6x50mm with nut		600/SP5	9,94 €
o-ring for bearing plate Ø 85mm		603/ST3	5,21 €
bearing washer/disc		600/SP14	13,25 €
screw connection complete Ø 25mm		175-25	5,41 €
screw connection complete Ø 40mm		175-40	7,19 €
o-ring pressure side Ø 25mm		174-25	1,44 €
o-ring intake side Ø 40mm		174-40	1,87 €
rubber feet set = 4 pieces		180	4,42 €

accessories	Product.no. (110V)	(230V)	Price
silicon anti-vibration	-	119-25	26,53 €
silicon grease tube 6g	-	030/6	2,76 €
silicon grease tube 25g	-	030/25	8,29 €

accessories



silicon anti-vibration
119-25

accessories



silicon grease tube 6g
030-6

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Red Dragon® 3 Mini Speedy pump 50/60 Watt / 5,0m³ Product no.: 601

spare parts



part motor block 50/60W
601/SP21

spare parts



controller
(complete with wire)
601/50/x

spare parts



rotor complete 50W
601/SP23

spare parts



rotor complete 1500 L air
601/SP24

spare parts



pump head Flow
601/SP26

spare parts



pump head BK
601/SP1500

spare parts



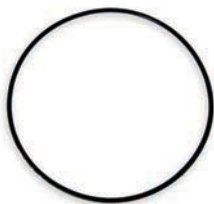
titan screw 6x32mm
with nut
601/SP28

spare parts



titan screw 6x50mm
with nut
600/SP5

spare parts



o-ring for bearing plate
603/ST3

spare parts



screw connection
complete 25mm
175-25

spare parts



screw connection
complete 40mm
175-40

spare parts



o-ring 25mm
174-25

spare parts



o-ring 40mm
174-40

spare parts



rubber feet set = 4 pieces
180

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