

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 Speedy 80 Watt / 8,0m³ pumps

v5.0

ENG



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

Red Dragon® 3 Speedy pump 80 Watt / 8,0m³ Product no.: 604

655,20 €

Optional prepared 10V connection

or

Optional Hirschmann-Plug-Connection between pump and controller

optional 679,00 €

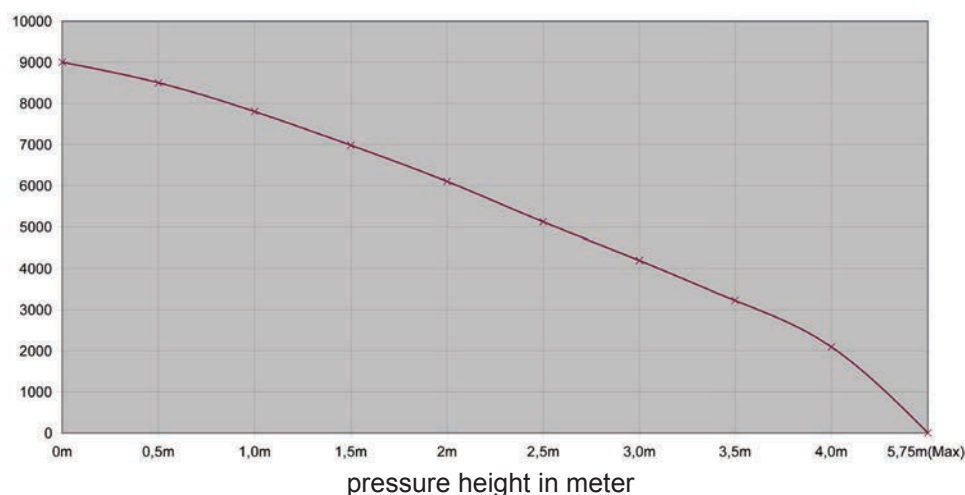
Technical data Red Dragon® 3 Speedy pump 75 Watt / 8,0m³:

Performance:	8.000 liter / h
Cable length:	0,8 meter (plug controller) 3,8 meter (controller to pump)
Pressure side:	Ø 32 mm Intake side: Ø 50 mm
Wattage:	adjustable max. 80 Watt
Pressure height:	max. 5,2 meter
Material/color:	PVC black/red/grey with screw connection
Operating voltage:	230 Volt 50 Hz (also in 110V/60Hz available)
Noise level:	38 db at full speed (measured in 1 m distance - operation external)
Protection class:	IP 68 (submersible pump) IP 66 (controller)
Weight:	4,7 kg
Height of intake side:	center 70 mm
Dimension pump:	130 mm wide / 235 mm length / ~ 190 mm height
Dimension controller:	140 mm wide / 190 mm length / ~ 70 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 and hollow shaft for bypass purging in the rotor housing
- "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 and compulsory purging
- Heavy and massive craftsmanship against vibrations and oscillation
- CE conformity, developed and built according to VDE guidelines

Liter/h **Power curve 80W 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.

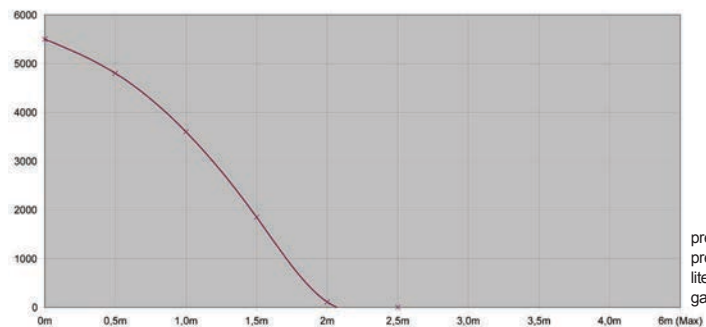
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Since 1986



liter/h



pressure height in
pressure height meter
liter / hour
gallons / hour

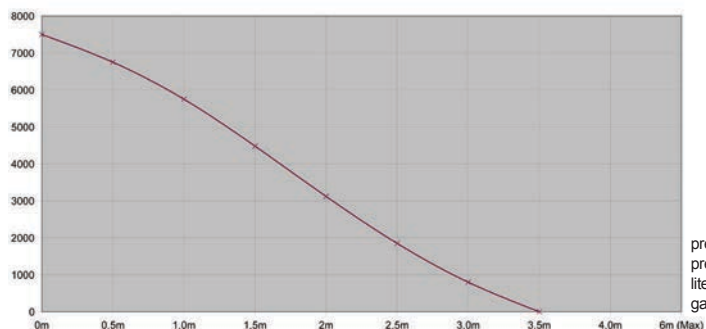
Red Dragon® 3 Speedy Pump 80 Watt / 8,0m³

Power curve with **20W**

0"	19.69"	39.37"	59.06"	78.74"	98.43"	118.1"	137.8"	157.5"	177.2"
0m	0,5m	1,0m	1,5m	2m	2,5m	3,0m	3,5m	4,0m	6m (Max)
5500	4800	3600	1850	110	0				
1453	1268	951	489	29	0				

pressure height in meter

liter/h



pressure height in
pressure height meter
liter / hour
gallons / hour

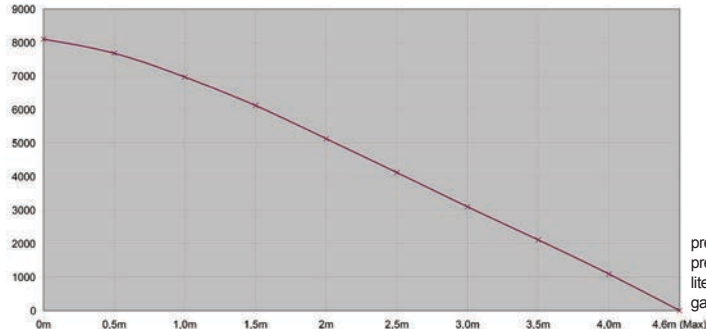
Red Dragon® 3 Speedy Pump 80 Watt / 8,0m³

Power curve with **40W**

0"	19.69"	39.37"	59.06"	78.74"	98.43"	118.1"	137.8"	157.5"	177.2"
0m	0,5m	1,0m	1,5m	2m	2,5m	3,0m	3,5m	4,0m	6m (Max)
7500	6750	5750	4480	3120	1850	800	0		
1981	1783	1519	1183	824	489	211	0		

pressure height in meter

liter/h



pressure height *
pressure height m
liter / hour
gallons / hour

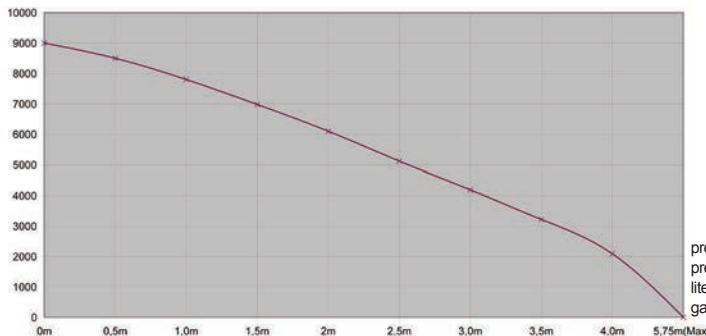
Red Dragon® 3 Speedy Pump 80 Watt / 8,0m³

Power curve with **60W**

0"	19.69"	39.37"	59.06"	78.74"	98.43"	118.1"	137.8"	157.5"	177.2"
0m	0,5m	1,0m	1,5m	2m	2,5m	3,0m	3,5m	4,0m	4,6m (Max)
8100	7680	6970	6120	5130	4120	3100	2110	1090	0
2140	2029	1841	1617	1355	1088	819	557	288	0

pressure height in meter

liter/h



pressure height *
pressure height m
liter / hour
gallons / hour

Red Dragon® 3 Speedy Pump 80 Watt / 8,0m³

Power curve with **80W**

0"	19.69"	39.37"	59.06"	78.74"	98.43"	118.1"	137.8"	157.5"	177.2"
0m	0,5m	1,0m	1,5m	2m	2,5m	3,0m	3,5m	4,0m	5,75m(Max)
9000	8500	7800	6980	6100	5120	4190	3220	2090	0
2378	2246	2061	1823	1585	1281	1030	793	634	0

pressure height in meter

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Red Dragon® 3 Speedy pump 80 Watt / 8,0m³ Product no.: 604

list of spare parts	Product.no. (110V)	(230V)	Price
part motor-block 80W	604/SP10	604/SP10	309,75 €
controller (complete without wire)	604/80/1 (+15,75€)	604/80/2	315,80 €
rotor complete 75W	604/SP12	604/SP12	152,25 €
pump head with AKB (anti-lime-bypass)	600/SP13	600/SP13	28,35 €
AKB (anti-lime-bypass) tube	600/SP15	600/SP15	5,25 €
titan screw 6x50mm with nut	600/SP5	600/SP5	9,45 €
o-ring for bearing plate Ø 85mm	603/ST3	603/ST3	4,73 €
screw connection complete Ø 32mm	175-32	175-32	5,78 €
screw connection complete Ø 50mm	175-50	175-50	7,25 €
o-ring pressure side Ø 32mm	174-32	174-32	1,58 €
o-ring intake side Ø 50mm	174-50	174-50	2,00 €
rubber feet set = 4 pieces	180	180	4,20 €

accessories	Product.no. (110V)	(230V)	Price
silicon anti-vibration	120-32	120-32	33,60 €
silicon grease tube 6g	030/6	030/6	2,63 €
silicon grease tube 25g	030/25	030/25	7,88 €

Red Dragon® 3 Speedy pump 80 Watt / 8,0m³ Product no.: 604

spare parts



part motor-block 80W
604/SP10 309,75 €

spare parts



controller
(complete with wire)
604/80/x 315,80 €

spare parts



rotor complete 75/80W
604/SP12 152,25 €

spare parts



pump head
with AKB (anti-lime-bypass)
600/SP13 28,35 €

spare parts



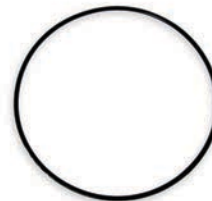
AKB (anti-lime-bypass) tube
600/SP15 5,25 €

spare parts



titan screw 6x50mm
with nut
600/SP5 9,45 €

spare parts



o-ring for bearing plate
603/ST3 4,73 €

spare parts



screw connection
complete 32mm with o-ring
175-32 5,78 €

spare parts



screw connection
complete 50mm with o-ring
175-50 7,25 €

spare parts



o-ring 32mm
174-32 1,58 €

spare parts



o-ring 50mm
174-50 2,00 €

spare parts



rubber feet set = 4 pieces
180 4,20 €

accessories



silicon anti-vibration
120-32 33,60 €

accessories



silicon grease tube 6g
030-6 2,63 €

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