

Glockemann Pump - Performance Statistics

320 Oasis - Pump Outputs

DELIVERY HEAD VS OUTPUTS IN LITRES/DAY - USING 100MM DIAMETER DRIVE TUBE										
DROP	5M	10M	20M	35M	50M	75M	100M	150M	200M	FLOW
1.8M			g 17000	e 10300	d 7450	c 4950	c 3750	b 2500	a 1850	5.5L/S
1.6M		g 25000	f 14400	e 9100	d 6400	c 4300	b 3200	b 2200	a 1600	5.0L/S
1.4M		g 21000	f 12200	d 7650	c 5350	c 3650	b 2650	a 1700	a 1350	5.0L/S
1.2M		g 19200	e 10300	d 6350	c 4450	b 3000	b 2300	a 1450	a 1100	4.5L/S
1.0M	g 21000	f 15200	d 8500	c 4800	c 3400	b 2200	a 1700	a 1150	a 800	4.5L/S
0.8M	g 16000	e 9300	c 5400	c 3350	a 2150	a 1400	a 1100	a 650		4.0L/S
0.6M	f 12400	d 6450	c 3250	a 1800	a 1300	a 850	a 600			4.0L/S
0.4M	c 4300	b 2300	a 1150	a 650						3.5L/S

DELIVERY HEAD VS OUTPUTS IN LITRES/DAY - USING 150MM DIAMETER DRIVE TUBE										
DROP	5M	10M	20M	35M	50M	75M	100M	150M	200M	FLOW
1.6M			g 20000	f 12000	e 8500	d 6200	c 4700	b 3150	b 2350	8.0L/S
1.4M			g 17000	e 10000	d 7500	c 5200	c 3900	b 2600	b 2000	7.0L/S
1.2M		g 23000	f 14500	e 8600	d 6700	c 4500	b 3350	b 2250	a 1700	7.0L/S
1.0M	g 24000	g 19000	e 11200	d 7100	c 4950	b 3350	b 2500	a 1600	a 1250	6.0L/S
0.8M	g 18900	f 13000	d 7200	c 4150	b 2900	b 1900	a 1450	a 1000	a 700	5.5L/S
0.6M	f 13950	d 7800	c 4150	b 2350	a 1600	a 1100	a 800	a 550		5.0L/S
0.4M	d 6480	b 3400	a 1700	a 1000	a 650					4.5L/S
0.3M	b 2430	a 1250	a 650							4.5L/S

Bore Diameters - 320 Oasis		160 Water Dragon
a = 35mm	e = 86mm	a = 35mm
b = 48mm	f = 98mm	b = 48mm
c = 60mm	g = 124mm	c = 60mm
d = 73mm		



'160' Water Dragon

The dimensions of each model are:

	Length	Height/Width	Weight
'320' Oasis	50 cm	40 cm	60 kilograms
'160' Water Dragon	57 cm	20 cm	10 kilograms

Statistics are approximate as at January 2003. Due to ongoing development, the information in this brochure may change.

160 Water Dragon Pump Outputs

DELIVERY HEAD VS OUTPUTS IN LITRES/DAY							
DROP	5M	10M	20M	35M	50M	75M	FLOW
3.0M				c 5000	c 4400	b 2800	1.0L/S
2.5M				c 4000	b 3300	b 2100	1.1L/S
2.0M			c 5000	b 3000	b 2200	a 1400	1.2L/S
1.6M			b 3700	b 2400	a 1700	a 1100	1.4L/S
1.2M		c 5000	b 2500	a 1800	a 1300	a 900	1.7L/S
1.0M		c 4000	b 2000	a 1400	a 900		1.6L/S
0.8M	c 5000	b 3000	a 1500	a 1100	a 700		1.4L/S
0.6M	c 3800	b 2000	a 1000	a 600			1.4L/S
0.4M	c 2700	a 600					1.4L/S
0.3M	a 800						1.4L/S

Note: All tables show *maximum* 'drops' allowable for Glockemann pumps.

The Glockemann pump will not function correctly using 'drops' larger than those recommended in the performance tables.

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320 Oasis - Pump Outputs

DELIVERY HEAD VS OUTPUTS IN LITRES/DAY - USING 100MM DIAMETER DRIVE TUBE										
DROP	5M	10M	20M	35M	50M	75M	100M	150M	200M	FLOW
1.8M			g 17000	e 10300	d 7450	c 4950	c 3750	b 2500	a 1850	5.5L/S
1.6M		g 25000	f 14400	e 9100	d 6400	c 4300	b 3200	b 2200	a 1600	5.0L/S
1.4M		g 21000	f 12200	d 7650	c 5350	c 3650	b 2650	a 1700	a 1350	5.0L/S
1.2M		g 19200	e 10300	d 6350	c 4450	b 3000	b 2300	a 1450	a 1100	4.5L/S
1.0M	g 21000	f 15200	d 8500	c 4800	c 3400	b 2200	a 1700	a 1150	a 800	4.5L/S
0.8M	g 16000	e 9300	c 5400	c 3350	a 2150	a 1400	a 1100	a 650		4.0L/S
0.6M	f 12400	d 6450	c 3250	a 1800	a 1300	a 850	a 600			4.0L/S
0.4M	c 4300	b 2300	a 1150	a 650						3.5L/S

DELIVERY HEAD VS OUTPUTS IN LITRES/DAY - USING 150MM DIAMETER DRIVE TUBE										
DROP	5M	10M	20M	35M	50M	75M	100M	150M	200M	FLOW
1.6M			g 20000	f 12000	e 8500	d 6200	c 4700	b 3150	b 2350	8.0L/S
1.4M			g 17000	e 10000	d 7500	c 5200	c 3900	b 2600	b 2000	7.0L/S
1.2M		g 23000	f 14500	e 8600	d 6700	c 4500	b 3350	b 2250	a 1700	7.0L/S
1.0M	g 24000	g 19000	e 11200	d 7100	c 4950	b 3350	b 2500	a 1600	a 1250	6.0L/S
0.8M	g 18900	f 13000	d 7200	c 4150	b 2900	b 1900	a 1450	a 1000	a 700	5.5L/S
0.6M	f 13950	d 7800	c 4150	b 2350	a 1600	a 1100	a 800	a 550		5.0L/S
0.4M	d 6480	b 3400	a 1700	a 1000	a 650					4.5L/S
0.3M	b 2430	a 1250	a 650							4.5L/S

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160 Water Dragon Pump Outputs

DELIVERY HEAD VS OUTPUTS IN LITRES/DAY							
DROP	5M	10M	20M	35M	50M	75M	FLOW
3.0M				c 5000	c 4400	b 2800	1.0L/S
2.5M				c 4000	b 3300	b 2100	1.1L/S
2.0M			c 5000	b 3000	b 2200	a 1400	1.2L/S
1.6M			b 3700	b 2400	a 1700	a 1100	1.4L/S
1.2M		c 5000	b 2500	a 1800	a 1300	a 900	1.7L/S
1.0M		c 4000	b 2000	a 1400	a 900		1.6L/S
0.8M	c 5000	b 3000	a 1500	a 1100	a 700		1.4L/S
0.6M	c 3800	b 2000	a 1000	a 600			1.4L/S
0.4M	c 2700	a 600					1.4L/S
0.3M	a 800						1.4L/S

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