

Borehole Pumps

The e-GS series is a robust 4" pump designed for long life. It's built mainly in stainless steel, has casted discharge and a special floating impeller design to enhance the wear resistance and to maintain the performance over time.

The upper and lower supports are made of precision-cast stainless steel and with a built-in non-return valve that makes installation easy, safe and quick.

Premium efficiency sets the basis for lower operational costs and the e-GS series is compliant with the ErP directive with MEI values above requirements.

The e-GS series is designed specially to be used in 4" wells and it's ideal for use in irrigation systems, pressure boosting, geothermal systems and fountain applications.

Easy installation.



Built-in stainless steel check valve

Safety rope hooks

Power supply cable with removable connector

Reliability.



High abrasion resistance technopolymer impellers

Floating stack technology

Stainless steel casing

Casted stainless steel delivery head and motor adapter

Flexibility.



Motors water filled

Motors oil filled

Cables and accessories

Sustainability.



ErP compliant

High efficiency hydraulics

100% recyclable cardboard packages



Proven floating stack hydraulic design



L4C 4" Submersible canned motor with removable watertight supply cable fitting. Stainless steel outer sleeve with high starting torque ensuring optimum operating performances, superior quality, reliability and easy installation.

Versions

Single phase: 0.37kW to 3.7kW

Single phase: with built in capacitor: 0.37kW to 1.1kW

Three phase: 0.37kW to 5.5kW

Three phase: 0.37kW to 7.5kW (380-415 V, 50Hz)

Max water temp: 35 °C

IP rating: IP68

Optional features: Special voltages, inverter applications

Allows sand and abrasives to pass easily.

Impeller material is a reliable, proven technopolymer material to overcome abrasion damage.

Dual surface trust washer which prevents rubbing of components during start up.

Stainless steel parts which provide maximum corrosion resistance for longevity.



Abrasion resistant construction combined with floating impellers ensures optimum resistance to wear (maximum permissible quantity of sand 150 g/m³) making this one of the best pumps on the market for sand handling capabilities.

Technical Information

2GS SERIES OPERATING CHARACTERISTICS AT 50 Hz

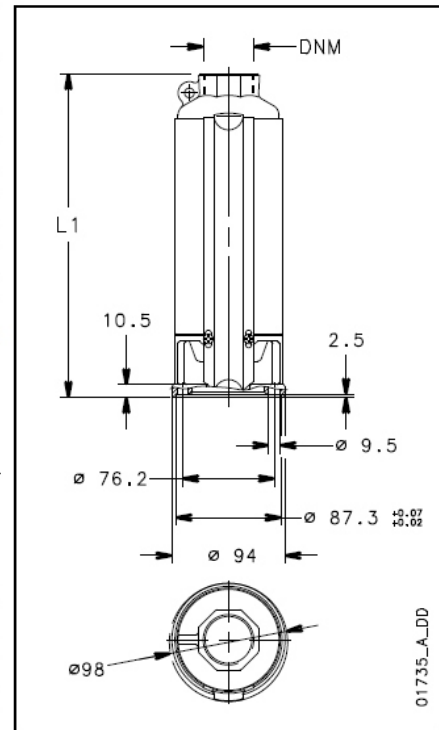
PUMP TYPE	N. OF STAGES	MOTOR POWER		MEI ⁽²⁾ ≥	Q = DELIVERY					
		kW	HP		l/min		m ³ /h			
					0	20	25	30	40	50
					0	1,2	1,5	1,8	2,4	3
H = TOTAL HEAD METRES COLUMN OF WATER										
2GS02 ⁽¹⁾	5	0,37	0,5	0,4	33	30	28	26	20	13
2GS03	7	0,37	0,5	0,4	47	42	40	36	29	19
2GS05	10	0,55	0,75	0,4	67	60	56	52	41	27
2GS07	14	0,75	1	0,4	93	83	79	73	57	37
2GS11	20	1,1	1,5	0,4	133	119	113	104	82	53
2GS15	28	1,5	2	0,4	187	167	158	146	115	74
2GS22	40	2,2	3	0,4	267	238	226	208	164	106
2GS30	52	3	4	0,4	347	309	294	271	213	138

Hydraulic performances in compliance with ISO 9906:2012 - Grade 3B (ex ISO 9906:1999 - Annex A)

2gs-2p50-en_d_th

(1) Maximum pump absorbed power: 0,25 kW - 0,33 HP.

(2) Index of efficiency MEI.



2GS..4OS SERIES DIMENSIONS AND WEIGHTS

ELECTRIC PUMP TYPE *	N. OF STAGES	DNM	DIMENSIONS (mm)		PUMP WEIGHT kg	ELECTRIC PUMP WEIGHT kg
			L1	L		
2GS02M-4OS	5	Rp 1 1/4	245	598	2,6	10,2
2GS03M-4OS	7	Rp 1 1/4	280	633	2,9	10,5
2GS05M-4OS	10	Rp 1 1/4	332	685	3,5	11,7
2GS07M-4OS	14	Rp 1 1/4	402	780	4,2	13,5
2GS11M-4OS	20	Rp 1 1/4	507	920	5,3	16,5
2GS15M-4OS	28	Rp 1 1/4	680	1128	7,1	19,9
2GS22M-4OS	40	Rp 1 1/4	914	1412	10,1	25,2
2GS03T-4OS	7	Rp 1 1/4	280	612	2,9	10
2GS05T-4OS	10	Rp 1 1/4	332	685	3,5	11,1
2GS07T-4OS	14	Rp 1 1/4	402	755	4,2	12,4
2GS11T-4OS	20	Rp 1 1/4	507	885	5,3	14,6
2GS15T-4OS	28	Rp 1 1/4	680	1093	7,1	18,5
2GS22T-4OS	40	Rp 1 1/4	914	1362	10,1	23
2GS30T-4OS	52	Rp 1 1/4	1120	1568	12,2	26,1

* Pump and motor are supplied uncoupled

2gs-4os-2p50-en_a_td

- the motor is single-phase ≥ 2,2 kW or three-phase ≥ 3 kW

- or the total length is > 1500 mm

2GS..L4C SERIES DIMENSIONS AND WEIGHTS

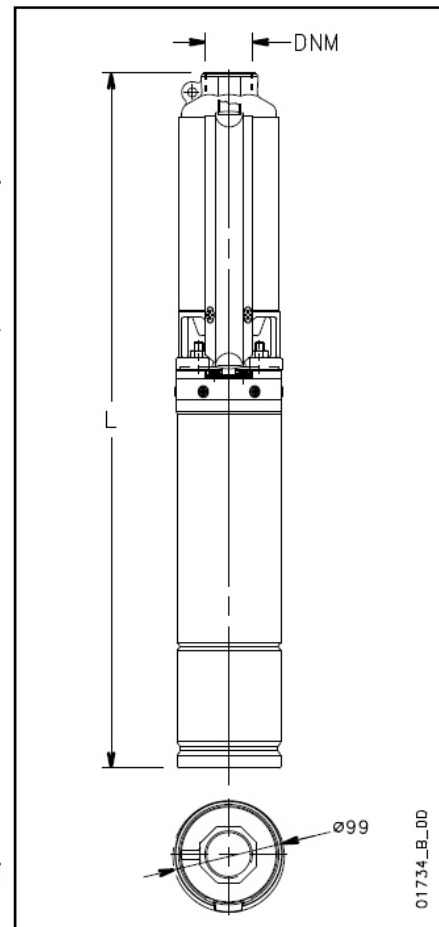
ELECTRIC PUMP TYPE *	N. OF STAGES	DNM	DIMENSIONS (mm)		PUMP WEIGHT kg	ELECTRIC PUMP WEIGHT kg
			L1	L		
2GS02M-L4C	5	Rp 1 1/4	245	479	2,6	9,8
2GS03M-L4C	7	Rp 1 1/4	280	514	2,9	10,1
2GS05M-L4C	10	Rp 1 1/4	332	596	3,5	11,3
2GS07M-L4C	14	Rp 1 1/4	402	686	4,2	12,6
2GS11M-L4C	20	Rp 1 1/4	507	836	5,3	16,2
2GS15M-L4C	28	Rp 1 1/4	680	1071	7,1	19,8
2GS22M-L4C	40	Rp 1 1/4	914	1325	10,1	24,3
2GS03T-L4C	7	Rp 1 1/4	280	494	2,9	9,9
2GS05T-L4C	10	Rp 1 1/4	332	566	3,5	10,7
2GS07T-L4C	14	Rp 1 1/4	402	666	4,2	12
2GS11T-L4C	20	Rp 1 1/4	507	791	5,3	13,7
2GS15T-L4C	28	Rp 1 1/4	680	1026	7,1	19,1
2GS22T-L4C	40	Rp 1 1/4	914	1305	10,1	22,9
2GS30T-L4C	52	Rp 1 1/4	1120	1662	12,2	32,8

* Pump and motor are supplied uncoupled in two separated packages if:

2gs-l4c-2p50-en_b_td

- the motor is single-phase ≥ 2,2 kW or three-phase ≥ 3 kW

- or the total length is > 1500 mm



Technical Information

4GS SERIES

OPERATING CHARACTERISTICS AT 50 Hz

PUMP TYPE	N. OF STAGES	MOTOR POWER		MEI ⁽¹⁾ ≥	Q = DELIVERY						
					Vmin	0	30	40	60	80	90
					m ³ /h	0	1,8	2,4	3,6	4,8	5,4
					H = TOTAL HEAD METRES COLUMN OF WATER						
4GS03	4	0,37	0,5	0,4	27	24	23	19	13	9	
4GS05	7	0,55	0,75	0,4	47	42	40	33	22	15	
4GS07	9	0,75	1	0,4	60	54	51	42	28	19	
4GS11	14	1,1	1,5	0,4	94	84	80	66	44	30	
4GS15	19	1,5	2	0,4	127	114	108	89	60	40	
4GS22	27	2,2	3	0,4	181	162	154	127	85	57	
4GS30	35	3	4	0,4	228	204	194	160	107	72	
4GS40	48	4	5,5	0,4	321	288	274	226	151	102	

Hydraulic performances in compliance with ISO 9906:2012 - Grade 3B (ex ISO 9906:1999 - Annex A)
(1) Index of efficiency MEI.

4gs-2p50-en_b_th

4GS..4OS SERIES DIMENSIONS AND WEIGHTS

ELECTRIC PUMP TYPE *	N. OF STAGES	DNM	DIMENSIONS (mm)		PUMP WEIGHT kg	ELECTRIC PUMP WEIGHT kg
			L1	L		
4GS03M-4OS	4	Rp 1 1/4	245	598	2,5	10,1
4GS05M-4OS	7	Rp 1 1/4	309	662	3,1	11,3
4GS07M-4OS	9	Rp 1 1/4	352	730	3,5	12,8
4GS11M-4OS	14	Rp 1 1/4	460	873	4,6	15,8
4GS15M-4OS	19	Rp 1 1/4	568	1016	5,7	18,5
4GS22M-4OS	27	Rp 1 1/4	770	1268	7,6	22,7
4GS03T-4OS	4	Rp 1 1/4	245	577	2,5	9,6
4GS05T-4OS	7	Rp 1 1/4	309	662	3,1	10,7
4GS07T-4OS	9	Rp 1 1/4	352	705	3,5	11,7
4GS11T-4OS	14	Rp 1 1/4	460	838	4,6	13,9
4GS15T-4OS	19	Rp 1 1/4	568	981	5,7	17,1
4GS22T-4OS	27	Rp 1 1/4	770	1218	7,6	20,5
4GS30T-4OS	35	Rp 1 1/4	967	1415	9,6	23,5
4GS40T-4OS	48	Rp 1 1/4	1248	1816	12,8	30,6

* Pump and motor are supplied uncoupled in two separated packages if:
- the motor is single-phase ≥ 2,2 kW or three-phase ≥ 3 kW
- or the total length is > 1500 mm

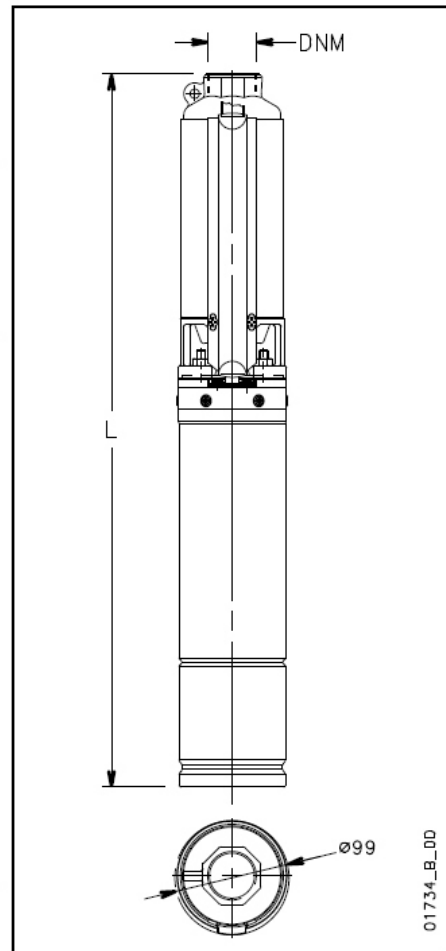
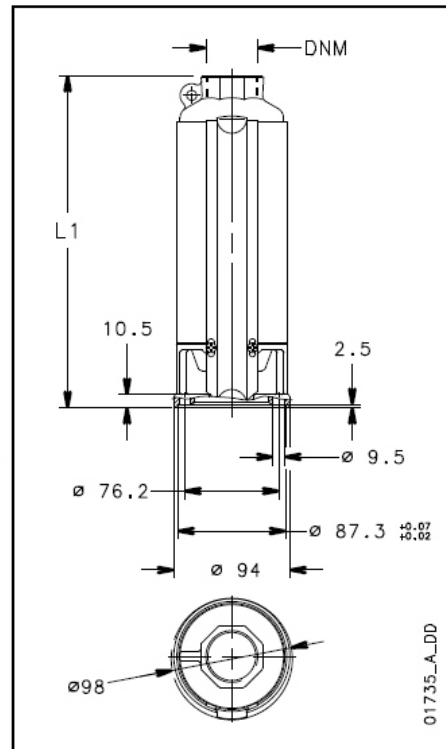
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4GS..L4C SERIES DIMENSIONS AND WEIGHTS

ELECTRIC PUMP TYPE*	N. OF STAGES	DNM	DIMENSIONS (mm)		PUMP WEIGHT kg	ELECTRIC PUMP WEIGHT kg
			L1	L		
4GS03M-L4C	4	Rp 1 1/4	245	479	2,5	9,7
4GS05M-L4C	7	Rp 1 1/4	309	573	3,1	10,9
4GS07M-L4C	9	Rp 1 1/4	352	636	3,5	11,9
4GS11M-L4C	14	Rp 1 1/4	460	789	4,6	15,5
4GS15M-L4C	19	Rp 1 1/4	568	959	5,7	18,4
4GS22M-L4C	27	Rp 1 1/4	770	1181	7,6	21,8
4GS03T-L4C	4	Rp 1 1/4	245	459	2,5	9,5
4GS05T-L4C	7	Rp 1 1/4	309	543	3,1	10,3
4GS07T-L4C	9	Rp 1 1/4	352	616	3,5	11,3
4GS11T-L4C	14	Rp 1 1/4	460	744	4,6	13
4GS15T-L4C	19	Rp 1 1/4	568	914	5,7	17,7
4GS22T-L4C	27	Rp 1 1/4	770	1161	7,6	20,4
4GS30T-L4C	35	Rp 1 1/4	967	1509	9,6	30,2
4GS40T-L4C	48	Rp 1 1/4	1248	1860	12,8	36,5

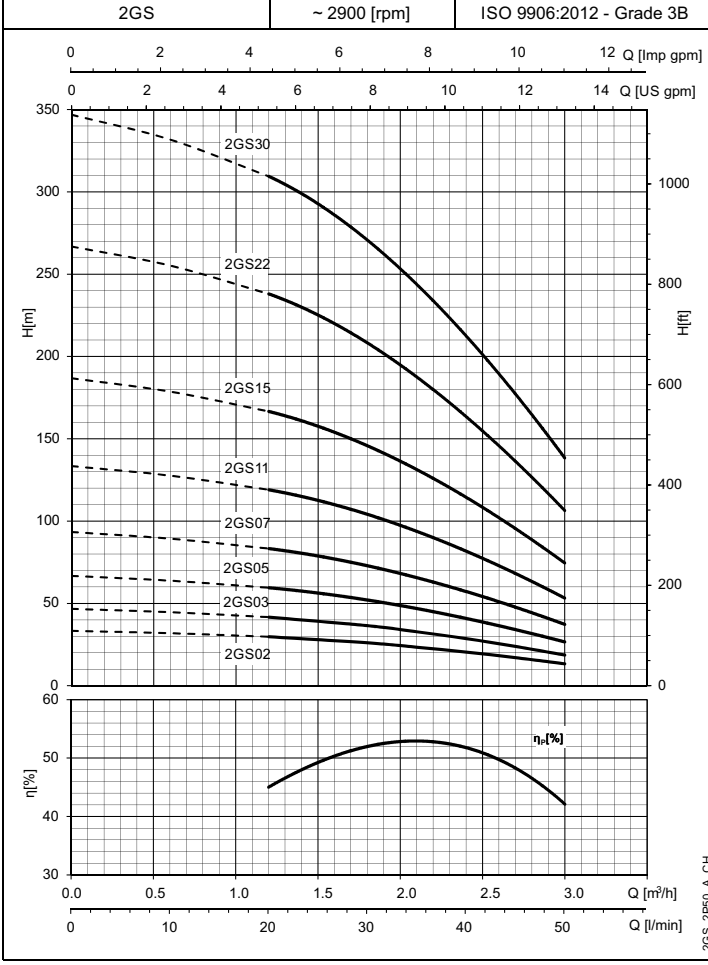
* Pump and motor are supplied uncoupled in two separated packages if:
- the motor is single-phase ≥ 2,2 kW or three-phase ≥ 3 kW
- or the total length is > 1500 mm

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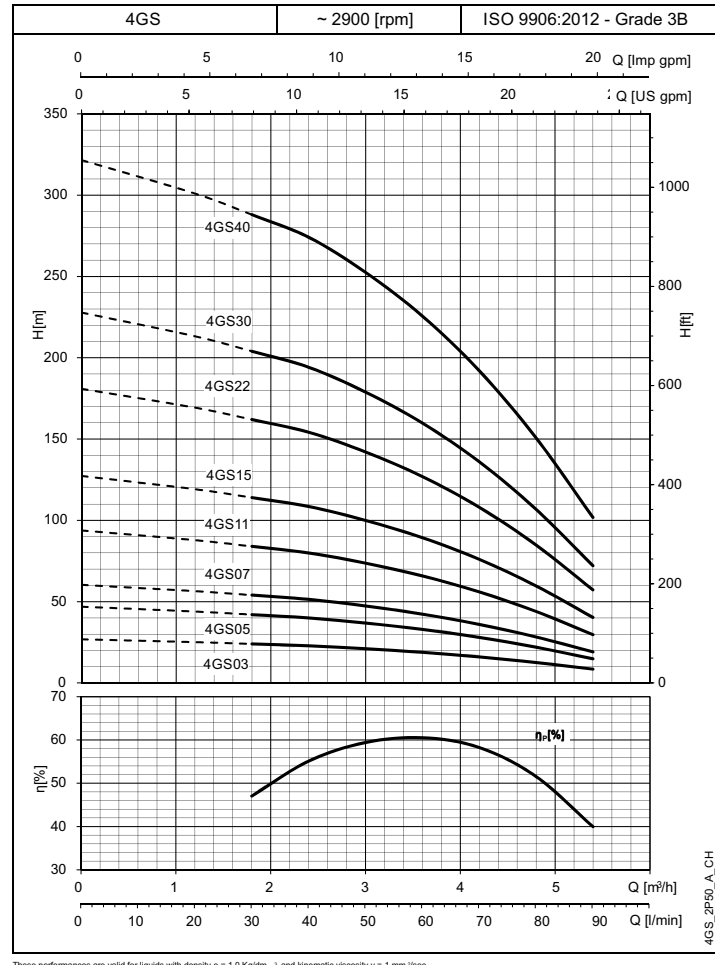


Performance Graphs

2GS SERIES OPERATING CHARACTERISTICS AT 50 Hz



4GS SERIES OPERATING CHARACTERISTICS AT 50 Hz



Other models available call for more information.



t 01769 579487
 e sales@tppumps.co.uk
 w www.tppumps.co.uk

BOREHOLE PUMP PRICE LIST 2025

PUMPS	HP	PRICE	PUMPS	HP	PRICE
TP2GS03/VS2/7	0.5	£590	TP4GS11/VS4/14	1.5	£860
TP2GS05/VS2/10	0.75	£630	TP4GS15/VS4/18	2	£1060
TP2GS07/VS2/14	1	£735	TP4GS22/VS4/27	3	£1260
TP2GS11/VS2/20	1.5	£795			
TP2GS15/VS2/27	2	£960			
TP2GS22/VS2/39	3	£1160			

Above prices include basic control box with overload protection for single phase motors.

Three phase motors require motor starter with overload. We recommend a Pilot Control box

Pilot 312 Three Phase control Box £320.00

CABLE

1.5mm 4 core submersible cable £2.40 per mtr
 2.5mm 4 core submersible cable £2.95 per mtr
 4mm 4 core submersible cable £4.75 per mtr

CABLE JOINER

Submersible epoxy jointing kit (joins cable to pump motor) £35.00

SUPPORT ROPE

8mm marine rope £0.50 per mtr

OPTIONAL EXTRAS

PRESSURE TANK AND CONTROL SYSTEMS (see separate price list)

ALSO NOW AVAILABLE VARIABLE SPEED ACTIVE DRIVES (see separate price list)

PRICES ARE NOT INCLUSIVE OF VAT