

4BLOCK

4" monoblock submersible pumps

4" monoblock submersible pumps designed as a more inexpensive alternative to traditional borehole pumps without loss of performance and reliability. Supplied with integral capacitor and 70 ft power cable for ease of installation.



RANGE OF PERFORMANCE

Flow rate up to 40 gpm
Head up to 442 ft

LIMITS OF USE

Liquid temperature up to +86°F
Submersion depth up to 131 feet

CONSTRUCTION AND SAFETY STANDARDS

EN 60 335-1	EN 60034-1
IEC 335-1	IEC 34-1
CEI 61-150	CEI 2-3



INSTALLATION AND USE

THEY ARE RECOMMENDED FOR PUMPING CLEAN WATER DUE TO THEIR HIGH EFFICIENCY AND RELIABILITY, THEY ARE RECOMMENDED FOR DOMESTIC WATER SUPPLIES AS PART OF A PRESSURE SET, OR FOR IRRIGATION.

GUARANTEE 2 YEARS subject to our general terms of sale.

CONSTRUCTION CHARACTERISTICS

- **DELIVERY BODY:** stainless steel AISI 304 with threaded port.
- **CASE:** stainless steel AISI 304.
- **IMPELLERS AND DIFFUSERS:** technopolymer.
- **DIFFUSER HOUSING:** stainless steel AISI 304.
- **PUMP SHAFT:** stainless steel AISI 304.
- **PUMP BEARINGS:** housing in special technopolymer with stainless steel AISI 316 shaft bushes, chrome oxide coated to resist sand.
- **DRIVE COUPLING:** stainless steel AISI 316L.
- **SCREWS AND CABLE COVER:** stainless steel AISI 304.
- **MOTOR SHAFT:** stainless steel AISI 316 (EN 10088-3 - 1.4104 up to 0.7 HP).
- **MOTOR:** submersible for continuous duty (dry rewindable).
4BLOCK: single-phase 230 V - 60 Hz.
4BLOCK: three-phase 230 V - 60 Hz.
- **INSULATION:** class F. • **PROTECTION:** IP 68.
- **CHECK VALVE:** built into the delivery body.
- **DOUBLE SEAL:** mechanical seal ceramic - graphite - NBR with oil barrier chamber and inner lip seal to protect the seal in the event of dry running.

STANDARD FEATURES:

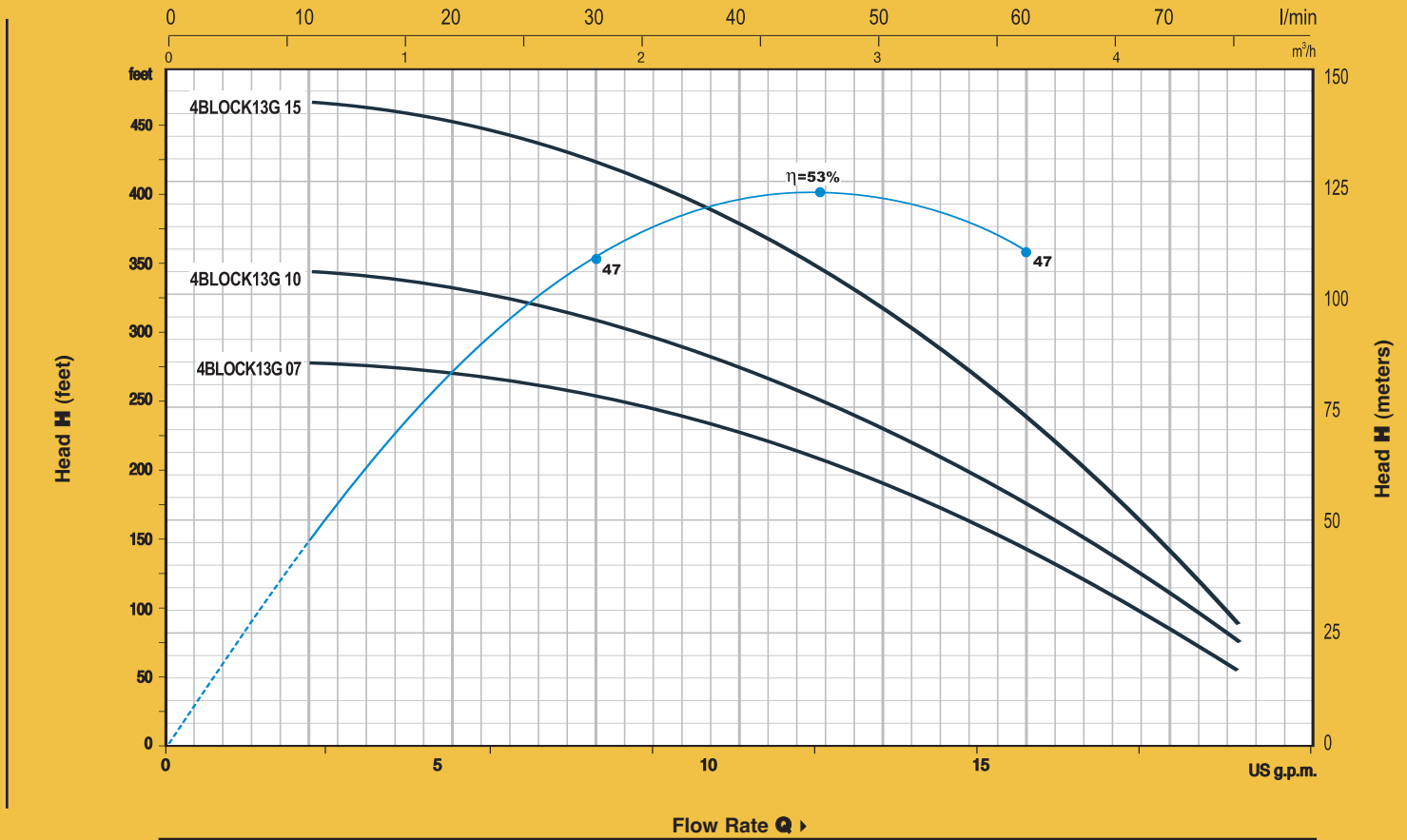
4BLOCK (single-phase) Motor thermal protection built into the winding. Internal capacitor.
70 ft flat power cable.

4BLOCK (three-phase) 70 ft flat power cable.

OPTIONS ON REQUEST

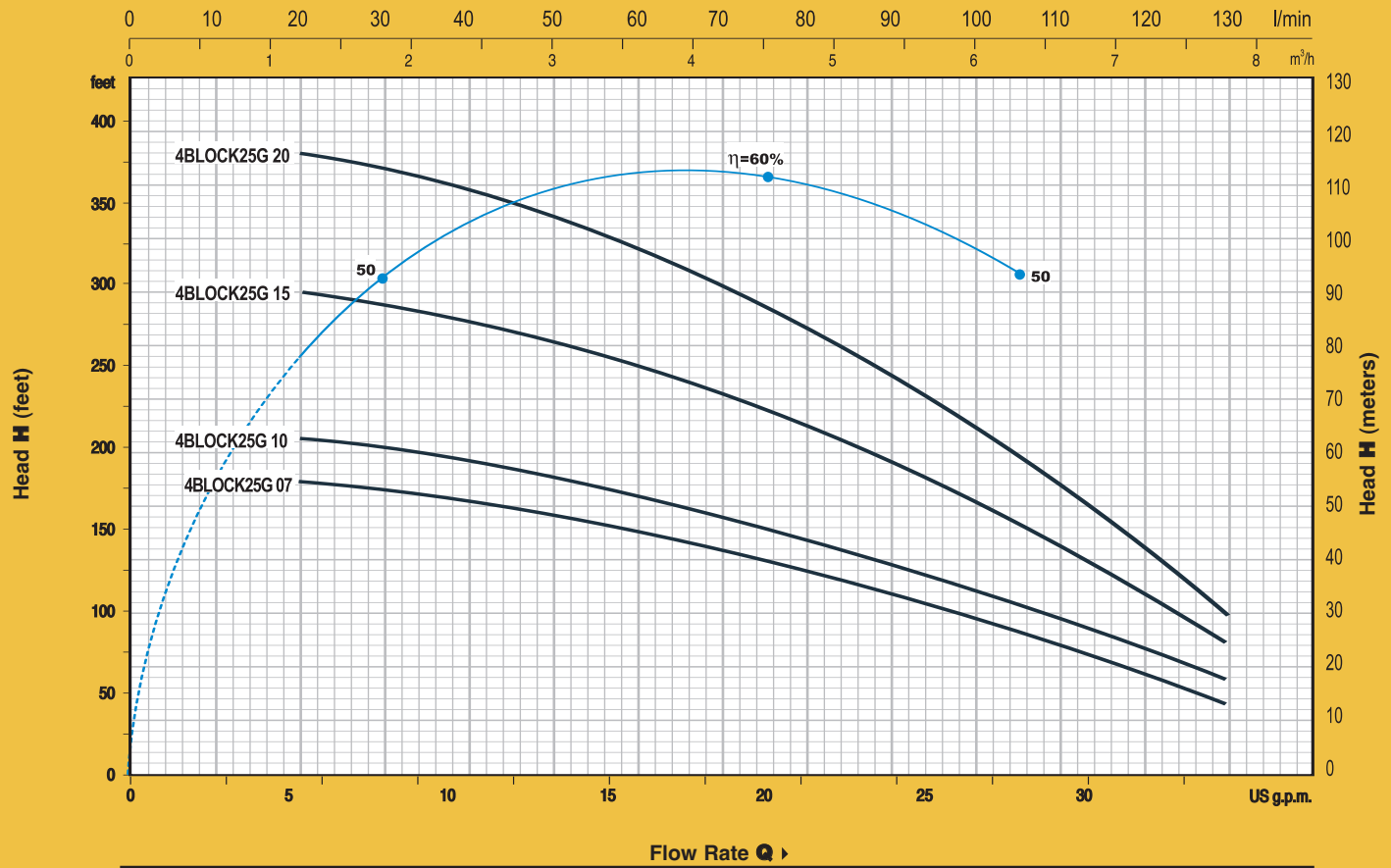
- ⇒ 100 ft power cable
- ⇒ other voltages or frequency 50 Hz

CURVES AND PERFORMANCE DATA



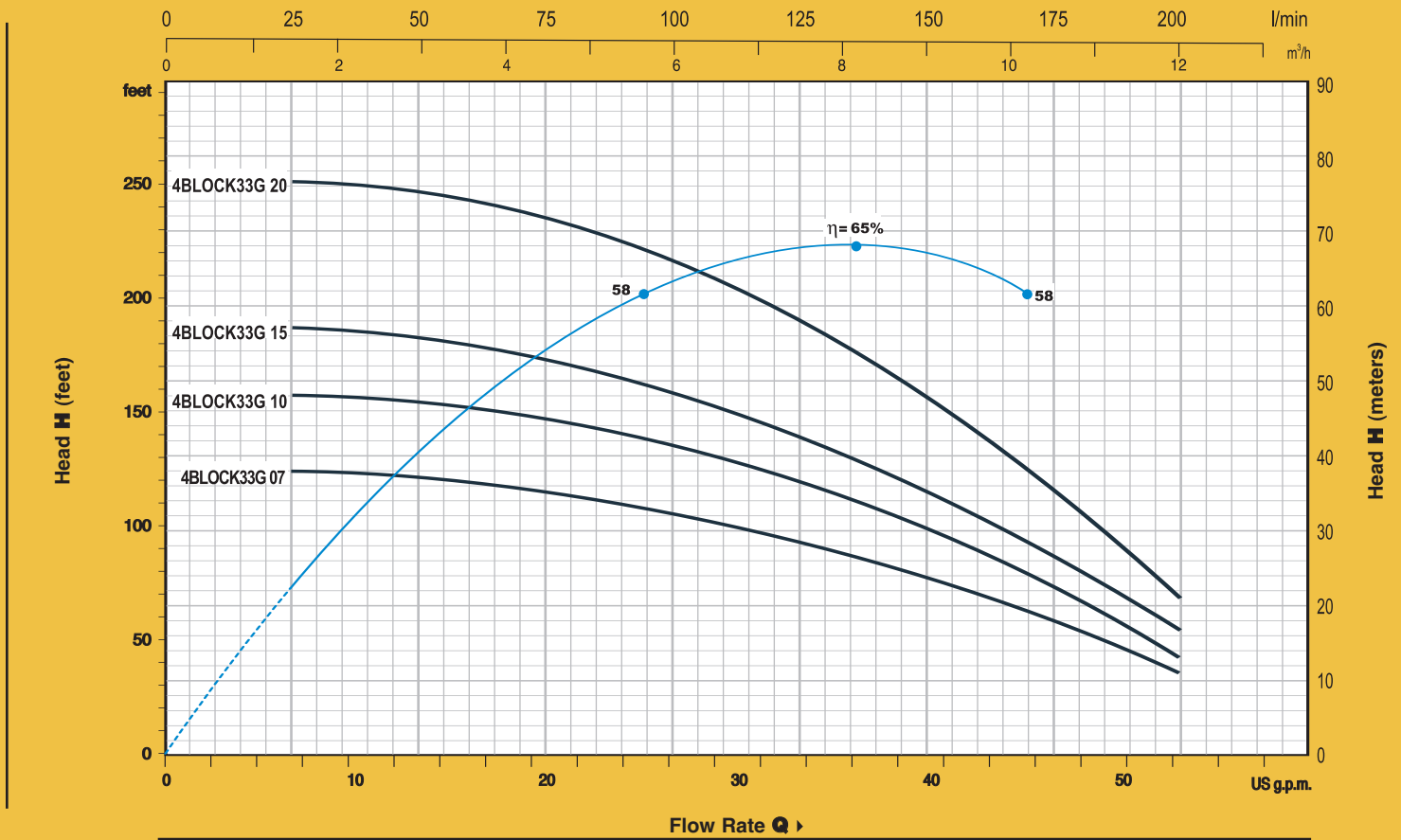
MODEL	HP	PSI	DEPTH TO WATER IN FEET/RATINGS IN GPM																		
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460
4BLOCK13G07	0.70	0					18	17	16	15	14	12	11	9	7						
		20			17	16	15	14	12	11	10	7	5								
		30		17	16	15	14	12	11	10	8	4									
		40	17	16	15	14	12	11	10	8	4										
		50	16	15	14	12	10	9	6	2											
		60	15	14	12	11	9	6	2												
Shut -off PSI			117	108	100	91	82	74	65	56	48	39	30	22	13						
4BLOCK13G10	1	0	12					18	17	16	15	14	13	12	10	9	3.2				
		20				18	17	16	15	14	13	12	11	10	8	6	2				
		30			18	17	16	15	14	13	12	11	10	8	6	2					
		40		18	17	16	15	14	13	12	11	10	8	6	2						
		50	17	16	15	14	14	13	12	10	9	7	3								
		60	17	16	15	14	13	11	11	9	7	3									
Shut -off PSI			145	136	128	119	110	102	93	84	76	67	58	50	41	32	24	9			
4BLOCK13G15	1.5	0							18	18	17	16	16	15	14	14	12	10	8	4	
		20					18	18	17	17	16	15	15	14	13	13	12	10	7	3	
		30				18	18	17	17	16	15	15	14	13	13	12	11	9	6	2	
		40			18	18	17	16	16	16	15	14	13	13	12	11	10	7	2		
		50		18	18	17	16	16	15	15	14	13	12	11	10	9	8	4			
		60	18	18	17	16	16	15	14	14	13	13	11	10	9	8	5				
Shut -off PSI			199	190	182	173	165	156	147	139	130	121	113	104	95	87	78	61	43	9	

CURVES AND PERFORMANCE DATA



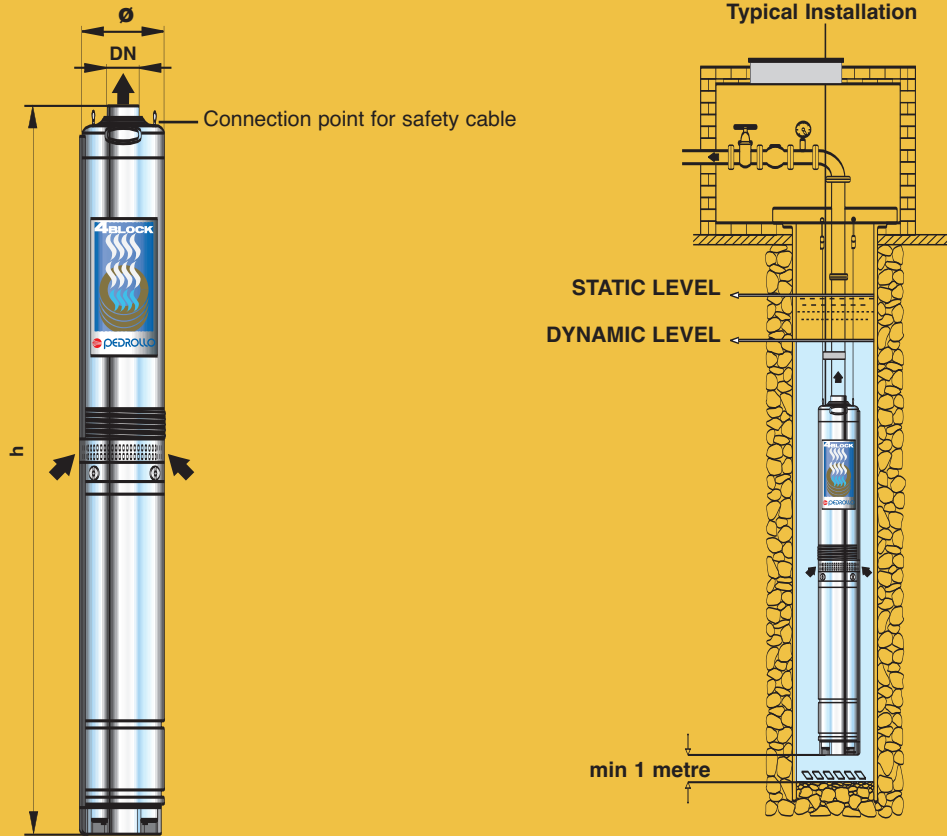
MODEL	HP	PSI	DEPTH TO WATER IN FEET/RATINGS IN GPM																				
			20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	
4BLOCK25G 07	0.75	0			32	30	26	23	18	14	6												
		20	31	28	24	21	15	10															
		30	28	24	21	15	10																
		40	24	21	16	9																	
		50	18	14	6																		
		60	13	5																			
Shut-off PSI			71	63	54	45	37	28	19														
4BLOCK25G 10	1	0				32	29	26	22	18	14	8											
		20			27	24	20	15	10	4													
		30		27	23	20	15	10	5														
		40	27	23	20	15	11	4															
		50	22	18	14	8																	
		60	18	14	8																		
Shut-off PSI			84	76	67	58	50	41	32	24	15												
4BLOCK25G 15	1.5	0						31	30	28	25	23	20	17	14	9	4						
		20				32	30	29	26	24	22	19	15	12									
		30		32	31	28	27	24	22	19	15	12	7										
		40	32	31	29	27	24	22	19	15	12	7											
		50	30	28	25	23	20	17	14	9	4												
		60	28	25	23	20	17	14	10	4													
Shut-off PSI			126	117	108	100	91	82	74	65	56	48	39	30	22								
4BLOCK25G 20	2	0							29	28	27	25	23	22	20	17	14	12	4	6			
		20							29	28	27	25	23	22	20	17	14	12					
		30					30	28	27	25	24	21	20	17	14	12							
		40					29	28	27	25	23	21	20	17	14	11							
		50	32	31	29	27	26	24	22	21	19	14	6										
		60	30	29	27	26	25	22	21	19	13	6											
Shut-off PSI			165	156	147	139	130	121	113	104	95	87	78	69	61	52	43	26					

CURVES AND PERFORMANCE DATA



MODEL	HP	PSI	DEPTH TO WATER IN FEET/RATINGS IN GPM											
			20	40	60	80	100	120	140	160	180	200	220	240
4BLOCK33G 07	0.75	0			47	40	31	16						
		20	43	35	23	10								
		30	34	23	9									
		40	24	10										
		50												
		60												
Shut-off PSI			50	41	32	24	15							
4BLOCK33G 10	1	0				45	40	34	24					
		20	48	43	37	29	15							
		30	42	38	29	16								
		40	37	28	16									
		50	25	6										
		60												
Shut-off PSI			61	52	43	35	26	17	9					
4BLOCK33G 15	1.5	0				48	44	40	34	27	17			
		20		46	41	36	30	21	16					
		30	46	40	37	29	22	17						
		40	41	36	31	22	16							
		50	34	26	17									
		60	27	18										
Shut-off PSI			76	67	58	50	41	32	24	17	9			
4BLOCK33G 20	2	0					46	43	39	35	31	25	17	
		20					41	37	33	28	22	11		
		30				42	36	33	27	21	12			
		40		44	41	36	32	29	22	11				
		50	43	39	35	31	26	18						
		60	28	24	32	26	19							
Shut-off PSI			104	95	87	78	69	61	52	43	35	26	17	9

DIMENSIONS AND WEIGHT



MODEL		DISCH	DIMENSIONS INCHES			LBS	
1 PH	3 PH	DN	No Stages	Ø	h	1 PH	3 PH
4BLOCK13G 07	4BLOCK13G 07	1 1/4"	9	3.92	693/668	23	20
4BLOCK13G 10	4BLOCK13G 10		11		774/749	26	23
4BLOCK13G 15	4BLOCK13G 15		15		987/927	33	28
4BLOCK25G 07	4BLOCK25G 07		6		663/638	22	19
4BLOCK25G 10	4BLOCK25G 10		7		732/707	25	23
4BLOCK25G 15	4BLOCK25G 15		10		901/841	32	26
	4BLOCK25G 20		13		*1014		33
4BLOCK33G 07	4BLOCK33G 07		4		629/604	21	19
4BLOCK33G 10	4BLOCK33G 10		5		714/689	25	23
4BLOCK33G 15	4BLOCK33G 15		6		864/804	31	25
	4BLOCK33G 20		8		*1008		34