

4BLOCK

4" monoblock submersible pumps



PERFORMANCE RANGE

Capacity up to 40 g.p.m

Head up to 442 ft

OPERATING LIMITS

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.

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.
- INSULATION: class F. • PROTECTION: IP 68.
- 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.
65 ft power cord.

OPTIONS ON REQUEST

- 100 ft power cord
- other voltages or frequency 50 Hz

WARRANTY: 2 YEAR (according to our general sale conditions).



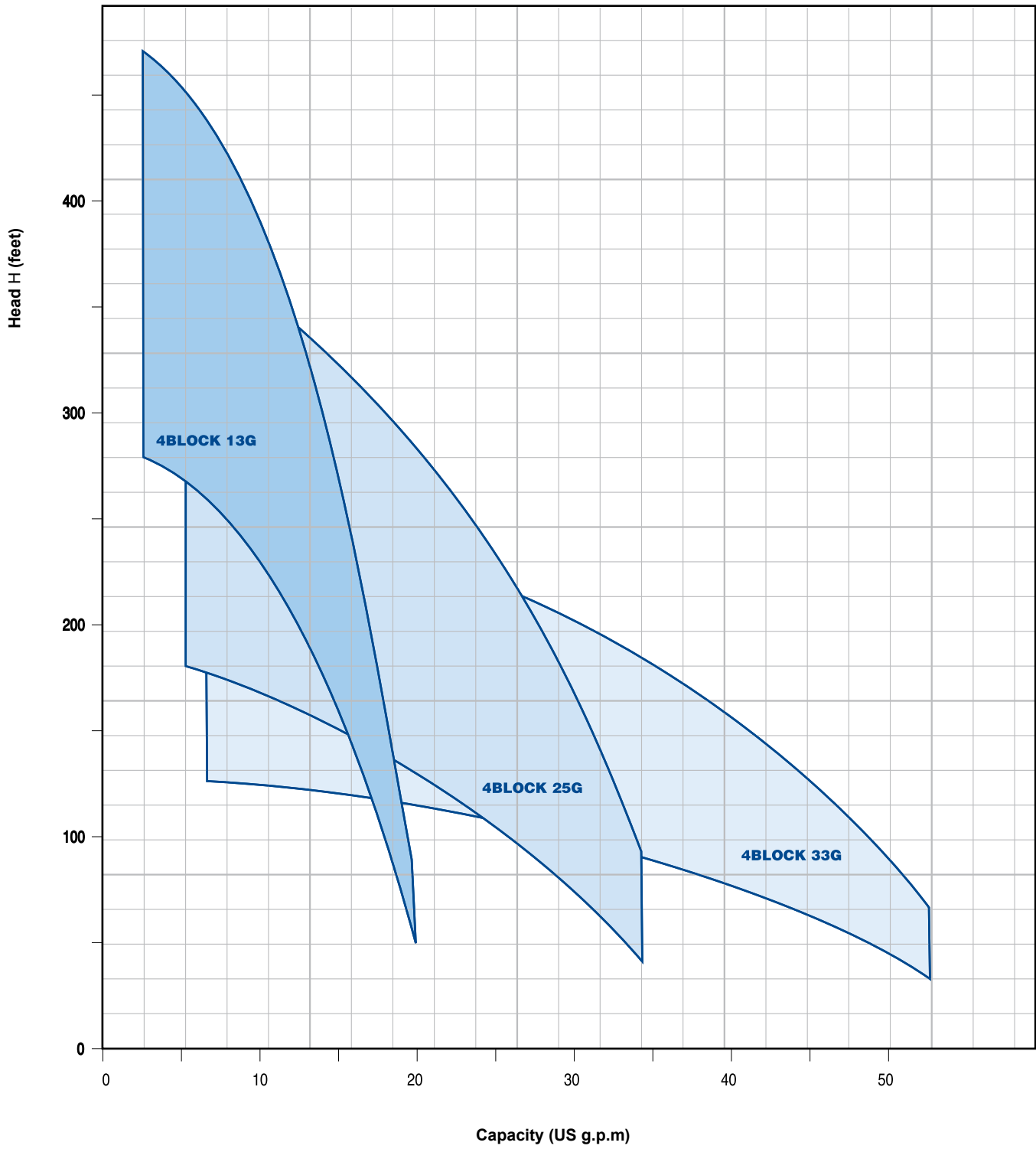
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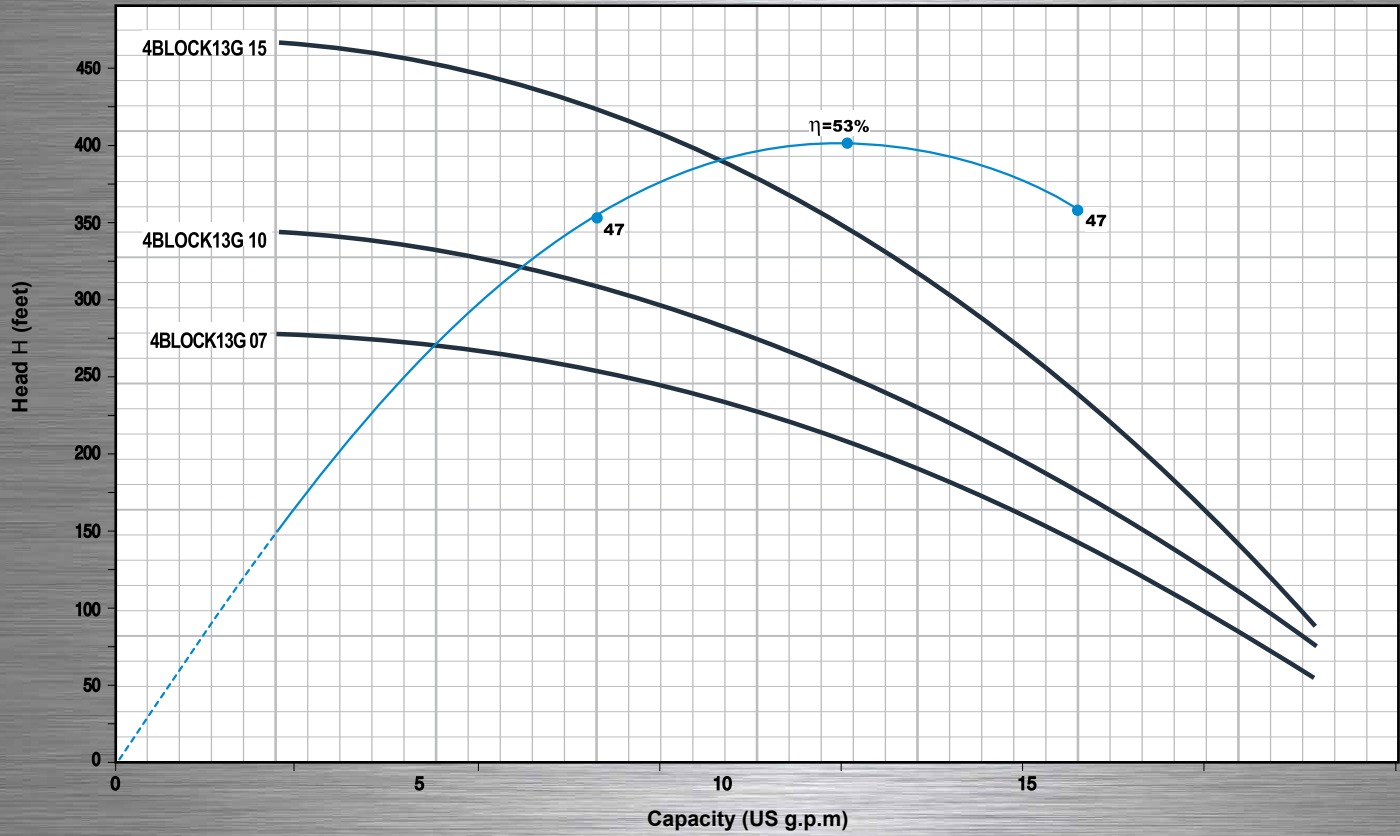
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Certified CAN/CSA-C 22.2
N°-108-M89 and
UL Standard 778-2000



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	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	18	17	16	15	15	14	13	13	12	11	9	6	2	
		40			18	18	17	17	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	26	9



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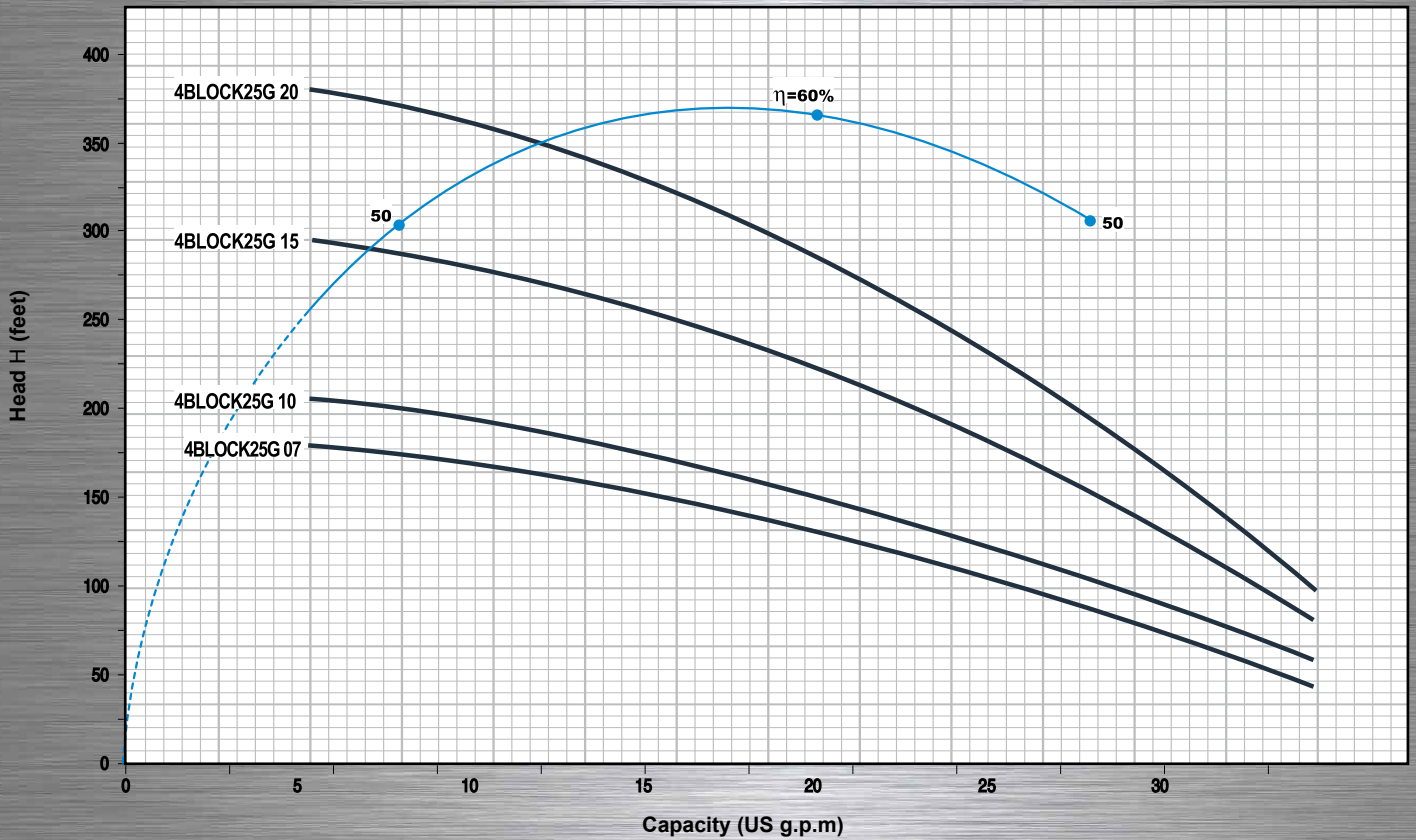


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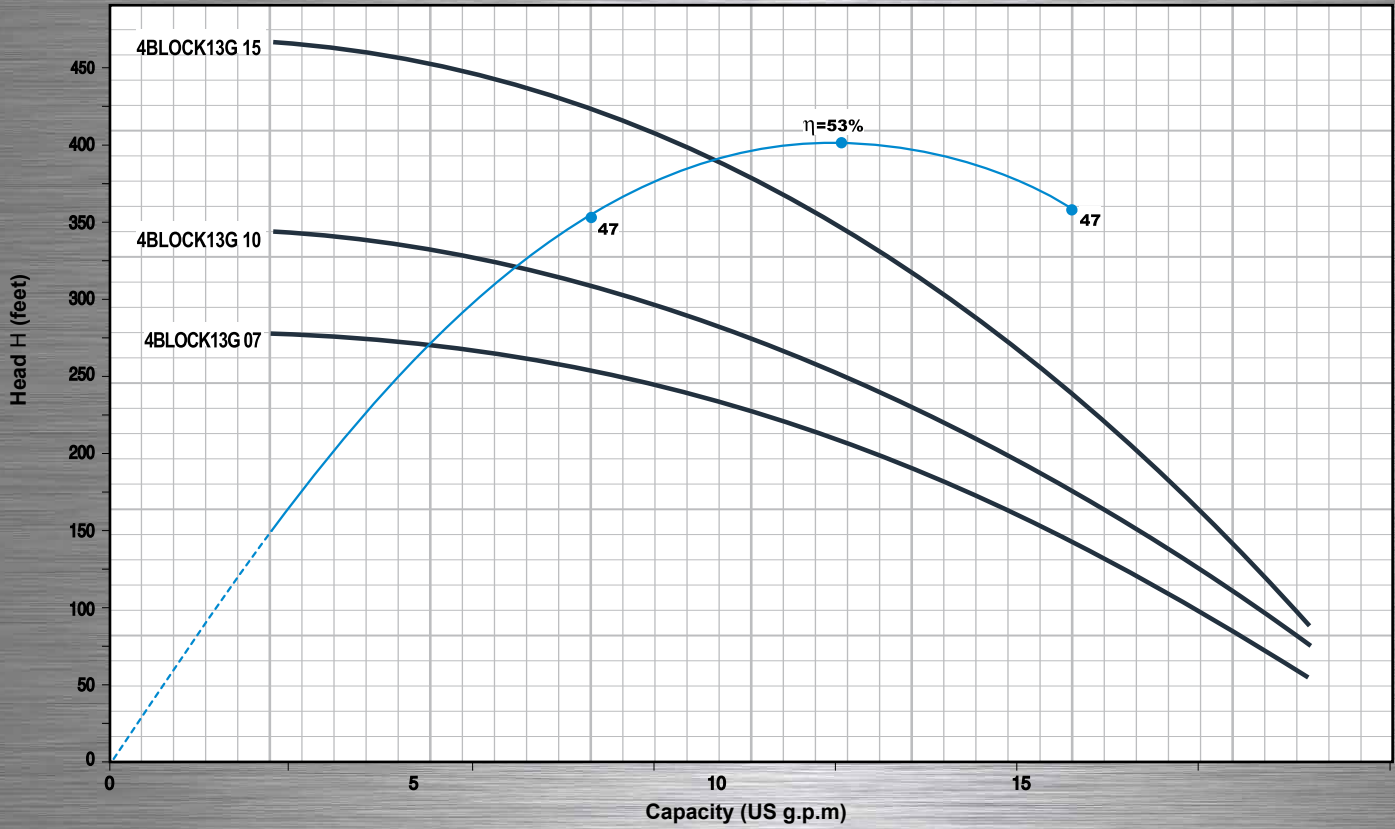


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CURVES AND PERFORMANCE DATA



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	
4BLOCK25G07	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													
4BLOCK25G10	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											
4BLOCK25G15	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							
4BLOCK25G20	2	0							32	31	29	28	26	24	22	21	18	14	6			
		20						29	28	27	25	23	22	20	17	14	12	4				
		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				



MODEL	HP	PSI	DEPTH TO WATER IN FEET/RATINGS IN GPM											
			20	40	60	80	100	120	140	160	180	200	220	240
4BLOCK33G07	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							
4BLOCK33G10	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					
4BLOCK33G15	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			
4BLOCK33G20	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



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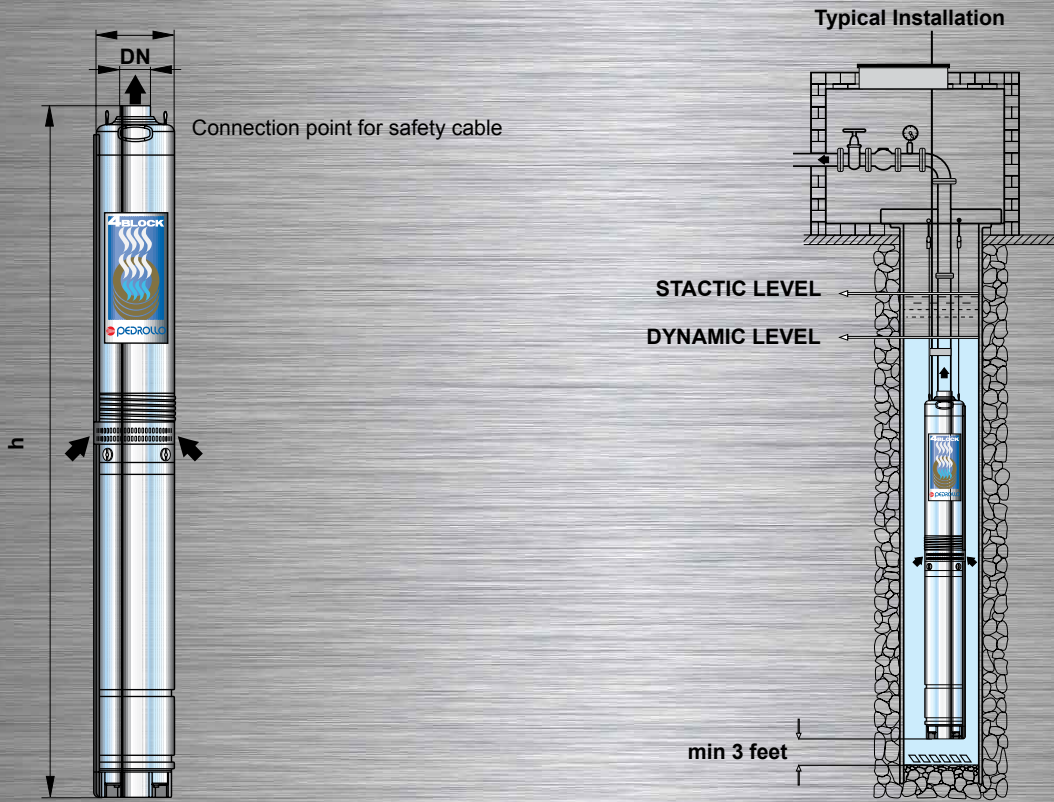


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DIMENSIONS AND WEIGHTS



MODEL		DISCH	DIMENSIONS INCHES			LBS	
1 PH	3PH	DN	No Stages	Ø	h	1~	3~
4BLOCK13G07	4BLOCK13G07	1 1/4"	9	3.92	27.3 / 26.3	23	20
4BLOCK13G10	4BLOCK13G10		11		30.5 / 29.5	26	23
4BLOCK13G15	4BLOCK13G15		15		38.9 / 36.5	33	28
4BLOCK25G07	4BLOCK25G07		6		26.2 / 25.2	22	19
4BLOCK25G10	4BLOCK25G10		7		28.9 / 27.9	25	23
4BLOCK25G15	4BLOCK25G15		10		35.5 / 33.2	32	26
	4BLOCK25G20		13		* / 40		33
4BLOCK33G07	4BLOCK33G07		4		24.8 / 23.8	21	19
4BLOCK33G10	4BLOCK33G10		5		28.2 / 27.2	25	23
4BLOCK33G15	4BLOCK33G15		6		34.1 / 31.7	31	25
	4BLOCK25G20		8		* / 39.7		34