

SUMO 25G

**effluent multi-stage
submersible pumps**

The perfect combination of
performance, reliability and
quiet running, robust and
easy to use.



RANGE OF PERFORMANCE

Capacity up to 34 gpm
Head up to 296 ft

LIMITS OF USE

Liquid temperature up to 104°F
Submersion depth up to 65 ft

CONSTRUCTION AND SAFETY STANDARDS

EN 60 335-1
IEC 335-1
CEI 61-150

EN 60034-1
IEC 34-1
CEI 2-3



INSTALLATION AND USE

THEIR HIGH EFFICIENCY AND RELIABILITY MAKE THEM SUITABLE
FOR PUMPING CLEAN WATER IN COMMERCIAL, CIVIL AND
AGRICULTURAL APPLICATIONS, FOR DISTRIBUTING WATER IN
COMBINATION WITH PRESSURE SETS, FOR IRRIGATING GARDENS,
BOOSTING PRESSURE, ETC.

GUARANTEE 2 YEAR subject to our general terms of sale.

CONSTRUCTION CHARACTERISTICS

OUTER CASE AND MOTOR SUPPORT: stainless steel AISI 304

IMPELLERS AND DIFFUSERS: technopolymer.

DIAPHRAGMS: stainless steel AISI 304, complete with
anti-wear rings.

MOTOR SHAFT: stainless steel EN 10088-3 - 1.4104.

DOUBLE SEAL: mechanical seal silicon carbide-NBR,
with oil barrier chamber and inner lip seal to protect the seal
in the event of dry running.

SCREWS AND FILTER: stainless steel AISI 304.

MOTOR: asynchronous for continuous duty.

SUMO 25G: single-phase 230V - 60 Hz with thermal over-
load protector built into windings below 1 Hp. The 1.5 and 2
Hp motor has an external overload protector (with manual
reset) incorporated into the control box.

SUMO 25G: three-phase 230V - 60 Hz.

INSULATION: class F. • **PROTECTION:** IP 68.

STANDARD FEATURES:

SUMO 25G (single-phase) control box with capacitor
65 ft power cord type "H07 RN-F"

SUMO 25G (three-phase) 65 ft power cord type
"H07 RN-F"

OPTIONS ON REQUEST

economy version 30 ft power cord and capacitor, (without
control box)

single-phase pumps with external float switch (SUMO 25G...- GE)

other voltages or frequency 50 Hz



tech.support (954) 474 9090

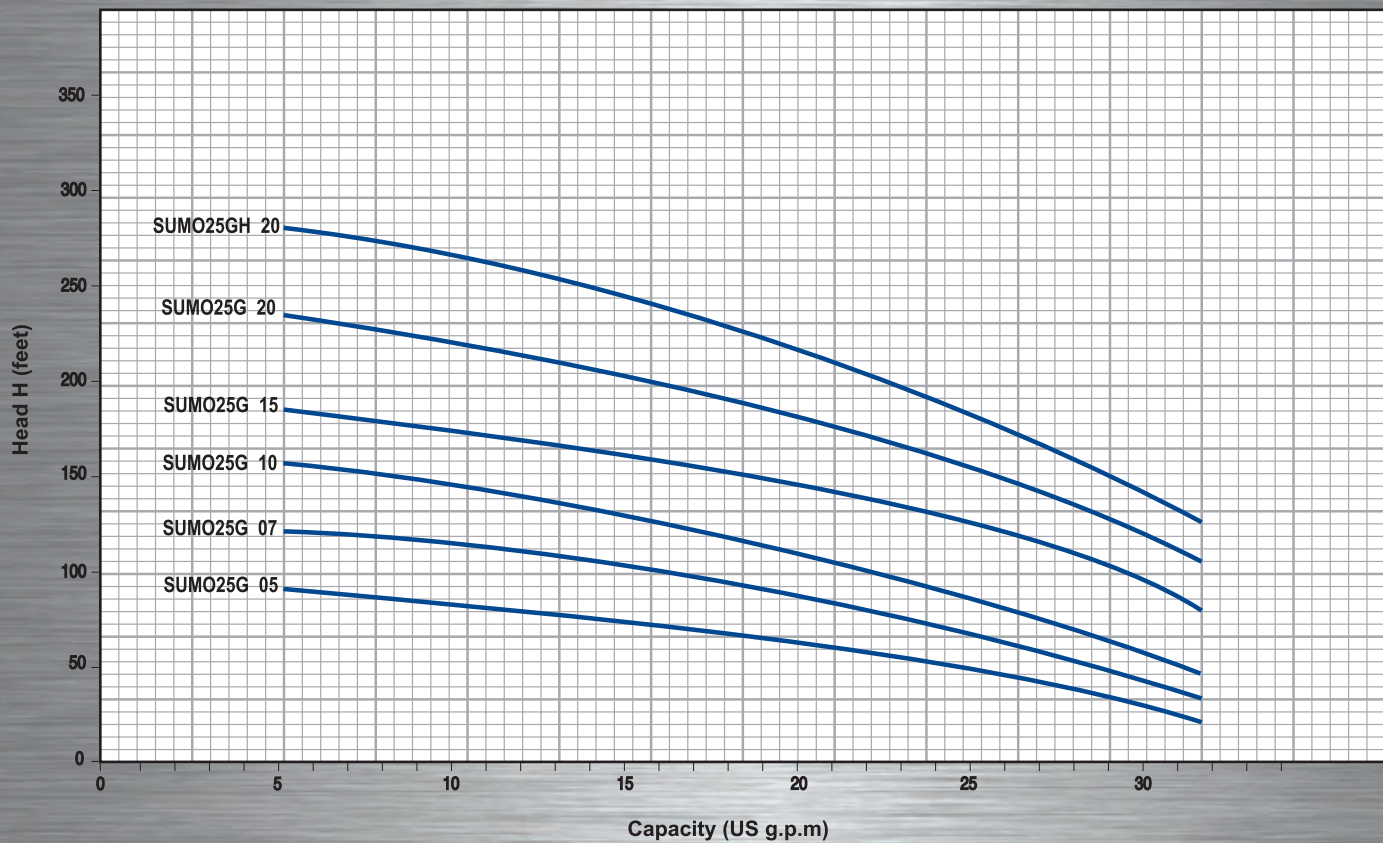


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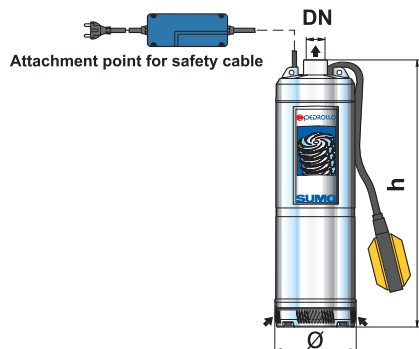
CURVES AND PERFORMANCE DATA



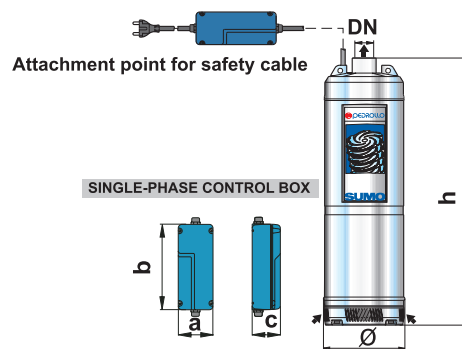
MODEL		HP	CAPACITY GPM	0	2	5	7	10	11	13	14	15	17	18	19	21	22	23
1 PH	3PH																	
SUMO25G 05	SUMO25G 05	0.5	H Feet	125	120	115	108	102	97	92	87	82	76	69	62	56	49	39
SUMO25G 07	SUMO25G 07	0.7		177	174	171	164	158	153	148	141	138	130	123	115	108	99	92
SUMO25G 10	SUMO25G 10	1.0		223	218	210	204	192	186	181	172	164	158	151	141	135	123	115
SUMO25G 15	SUMO25G 15	1.5		283	276	269	256	243	237	230	220	210	200	191	177	164	151	138
SUMO25G 20	SUMO25G 20	2.0		329	319	306	289	273	263	253	240	230	217	207	194	179	164	151
SUMO25GH 20	SUMO25GH 20	2.0		348	340	329	315	299	289	279	269	260	243	233	214	204	184	164

DIMENSIONS AND WEIGHTS

Single-phase with float switch



Single-phase with control box



MODEL		DISCH	DIMENSIONS INCHES							LBS	
1 PH	3 PH		No STAGES	Ø	h (1~)	h (3~)	a	b	c	1~	3~
SUMO25G 05	-	1"	3	5.3	15.1	15.1	3.1	7.8	2.5	26.3	
SUMO25G 07	SUMO25G 07		4		17.0					28.7	25.4
SUMO25G 10	SUMO25G 10		5		18.0					36.5	33.2
-	SUMO25G 15		4		18.9					37.6	
SUMO25G 15	-	1 1/4"	4	63	20.1	18.9	3.1	7.8	2.5	52.2	
SUMO25G 20	SUMO25G 20		5		21.3					54.1	50.4
SUMO25GH 20	SUMO25GH 20		4		21.9					62.5	49.9