

SUMO 25G

multi-stage submersible pumps

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



RANGE OF PERFORMANCE

Flow rate 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	EN 60034-1
IEC 335-1	IEC 34-1
CEI 61-150	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 YEARS 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 overload protector built into windings below 1.5 Hp. The 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:

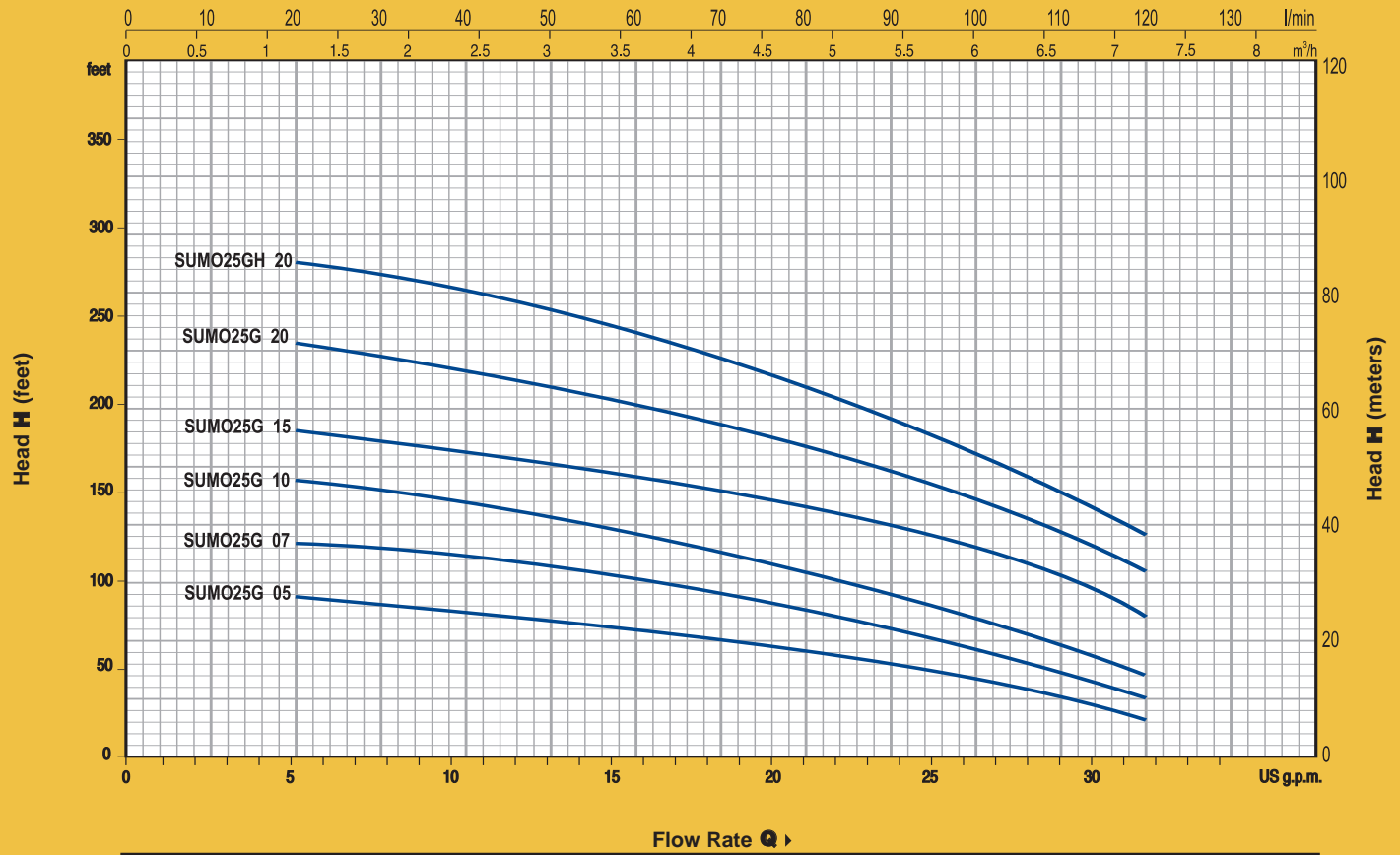
SUMO 25G (single-phase) Control box with capacitor
70 ft power cable type "H07 RN-F" with removable connector and Schuko plug.

SUMO 25G (three-phase) 70 ft power cable type
"H07 RN-F" with removable connector.

OPTIONS ON REQUEST

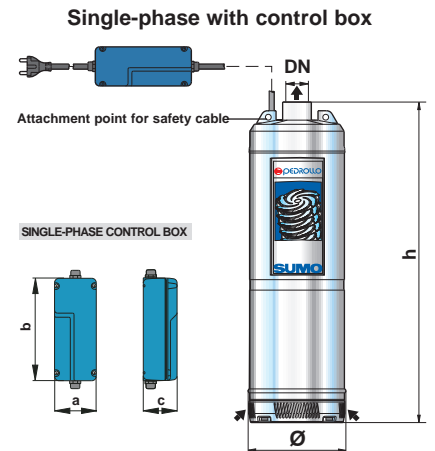
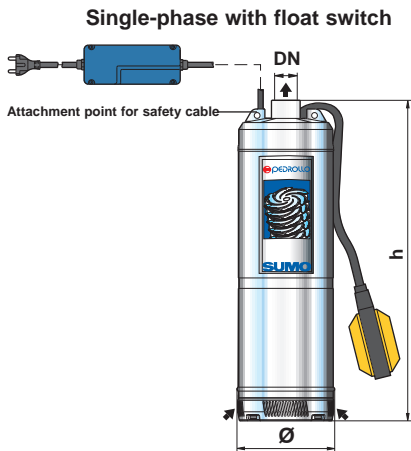
- ⇒ economy version 30 ft power cable and capacitor, (without control box)
- ⇒ single-phase pumps with external float switch (SUMO 25G...- GE)
- ⇒ other voltages or frequency 50 Hz

CURVES AND PERFORMANCE DATA



MODEL		HP	FLOW RATE GPM															
1 PH	3 PH		0	2	5	7	10	13	15	18	21	23	26	29	31	34		
SUMO25G 05	SUMO25G 05	0.5	105	102	99	94	89	82	76	69	59	49	41	30	20	10		
SUMO25G 07	SUMO25G 07	0.7	145	143	141	138	133	128	122	115	105	95	85	76	62	49		
SUMO25G 10	SUMO25G 10	1.0	187	186	184	181	177	171	161	151	141	128	118	105	89	72		
SUMO25G 15	SUMO25G 15	1.5	223	220	217	210	204	195	187	176	164	151	135	122	105	89		
SUMO25G 20	SUMO25G 20	2.0	263	260	253	246	240	233	223	214	204	191	177	161	145	125		
SUMO25GH 20	SUMO25GH 20	2.0	296	292	289	283	276	269	263	253	246	237	223	210	195	177		

DIMENSIONS AND WEIGHT



MODEL		DISCHARGE	N° STAGES	Ø	DIMENSIONS INCHES					LBS	
1 PH	3 PH				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	18.0				28.7	25.4
SUMO25G 10	SUMO25G 10		5		18.0	18.9				36.5	33.2
-	SUMO25G 15	1 1/4"	4	6.3	20.1	18.9	3.1	7.8	2.5	52.2	-
SUMO25G 15	-		5		21.3	21.3				54.1	50.4
SUMO25G 20	SUMO25G 20		4		21.9	20.1				62.5	49.9