



VIRTUALLY MAINTENANCE FREE

6MwC PRESSURE RATING AS STANDARD

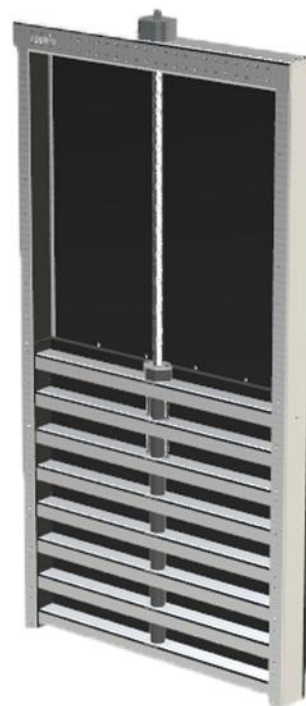
QUICK INSTALLATION

The AQUIKO Penstock has been designed and manufactured in the UK using the most cutting-edge techniques. Our penstocks are made from HDPE and stainless steel 316 and have a design life of 50 years*.

Due to the penstocks unique compact design, the narrow frame ensures it fits in even the tightest spaces. This compact design is also a cut above the average penstock in strength being rated for a 6MwC pressure as standard. With no metal on metal moving parts there is virtually no chance of an Aquiko penstock seizing, meaning the AQUIKO penstocks require practically no maintenance. With no need for casting in or grouting, you can save over 12 hours in installation time, compared with stainless or cast-iron alternatives.

Benefits of HDPE

HDPE is a brilliant material which in black is UV stable, is light and does not degrade in water. The low weight of the material and therefore small volumes required for our valve solutions ensure it's the lowest CO2 material currently in use for valves today. When a force is applied to HDPE, overtime the material creeps, this means that the shorter the time period where force is applied the greater the load that it can be subjected to. AQUIKO's calculations to determine its pressure rating for short term pressure are based on the materials strength over 4 days and long-term pressure over the course of a year, AQUIKO can however provide information for periods up to 25 years.



Manufactured in the UK

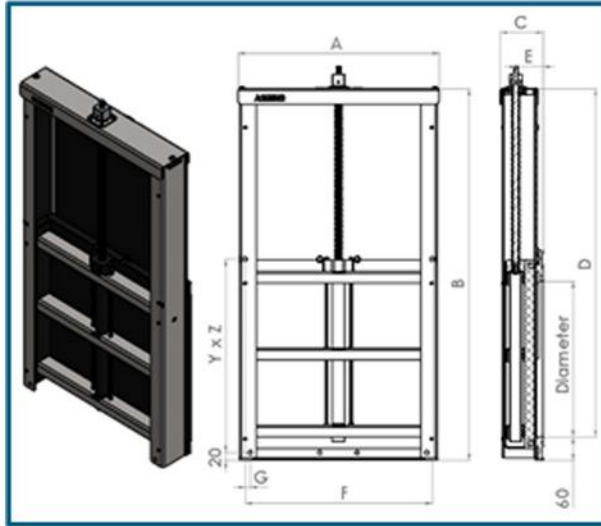
01777 819734

info@aquiko.co.uk

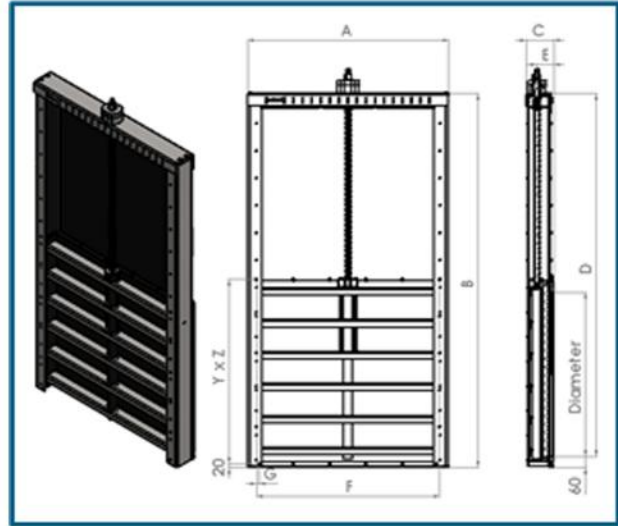
www.aquiko.co.uk



Trading as Aquatic Control Engineering Ltd



APS-100mm up to 600mm



APS-700mm up to 1500mm

Diameter	A	B	C	D	E	F	G	Y	Z	Turns	Torque (Nm.)			Weight (KG.)
											Up	Down	Max.	
100	238	355	115	295	73	200	14	1	197	33	1	1	30	9
125	263	405	115	345	73	225	14	1	222	39	2	1	30	11
150	288	455	115	395	73	250	14	1	247	45	2	2	30	12
200	338	555	115	495	73	300	14	1	297	57	3	3	30	15
250	388	655	115	595	73	350	14	1	347	70	4	4	30	19
300	438	755	115	695	73	400	14	1	397	82	6	5	30	22
400	538	955	115	895	73	500	14	1	497	107	9	8	30	29
500	638	1156	118	1096	74	600	15	2	299	133	13	12	30	43
600	738	1356	118	1296	74	700	15	2	349	158	18	17	30	52
700	840	1641	143	1581	87	802	15	3	255	121	37	34	105	91
800	962	1843	146.25	1783	88	904	16	4	224	138	48	44	105	130
900	1110	2051	151	1991	93	1012	16	5	200	155	60	54	105	168
1000	1212	2301	179	2241	106	1114	17	5	222	147	87	76	210	266
1100	1312	2501	179	2441	106	1214	17	6	202	162	105	91	210	305
1200	1412	2701	179	2641	106	1314	17	7	187	176	124	108	210	646
1250	1462	2801	179	2741	106	1364	17	7	194	183	134	117	210	361
1300	1512	2901	179	2841	106	1414	17	8	176	190	145	126	210	390
1400	1612	3101	179	3041	106	1514	17	8	189	204	167	146	210	423
1500	1712	3301	179	3241	106	1614	17	8	201	219	191	167	210	471

Penstock: APS-100 up to 1500mm
Materials: SS316, HDPE, EPDM & POM
Pressure: 6MwC (Front & Back)