



AVK CHANNEL PENSTOCK WITH NON-RISING STEM

772/7172

For embedding in concrete, AISI 304, EPDM

001

AVK channel penstocks are square or rectangular with resilient sealing on three sides of the slide. They are as standard uni-directional up to and including 1000 X 1000 and bi-directional in larger sizes. The penstocks are with non-rising stem and closed frame, and are designed for open channel installations embedded in concrete. AVK channel penstocks are also available with rising stem, and for wall mounting as well as for face mounting in existing channel. All penstocks in the comprehensive product range feature a low leakage rate and a reliable operation.

Product Description:

AVK channel penstock with non-rising stem for water and wastewater treatment

Standards:

- Designed according to DIN 19569-4

Features:

- Fulfills requirements of Directive 95/9/CE (ATEX), Group II Category 2 (Zone 1)
- Lower leakage rate than max. allowable in DIN 19569-4 (class 5): 1,20 L/min. per seating meter
- Self-supporting closed frame design
- Self-cleaning guides and slide bearings of HMWPE (high molecular weight polyethylene) reduce the friction during operation resulting in easy operation and extended seal durability
- Self-adjusting "lip-design" sealing of EPDM mounted on the slide offers easy access to maintenance
- Frame and slide of stainless steel AISI 304 and stem of stainless steel AISI 303
- All fasteners of stainless steel A2
- Delivered with handwheel as standard up to and including 1400X1400, in larger sizes with bevelgear

Accessories:

Handwheel on inclined wall stand, handwheel on straight floor stand, gear operator on straight floor stand, electric actuator on straight floor stand, hydraulic actuator, pneumatic actuator, yoke mounted handwheel, yoke mounted gear and crank, position indicators, limit and proximity switches, stem extensions, stem guides and wall thimbles

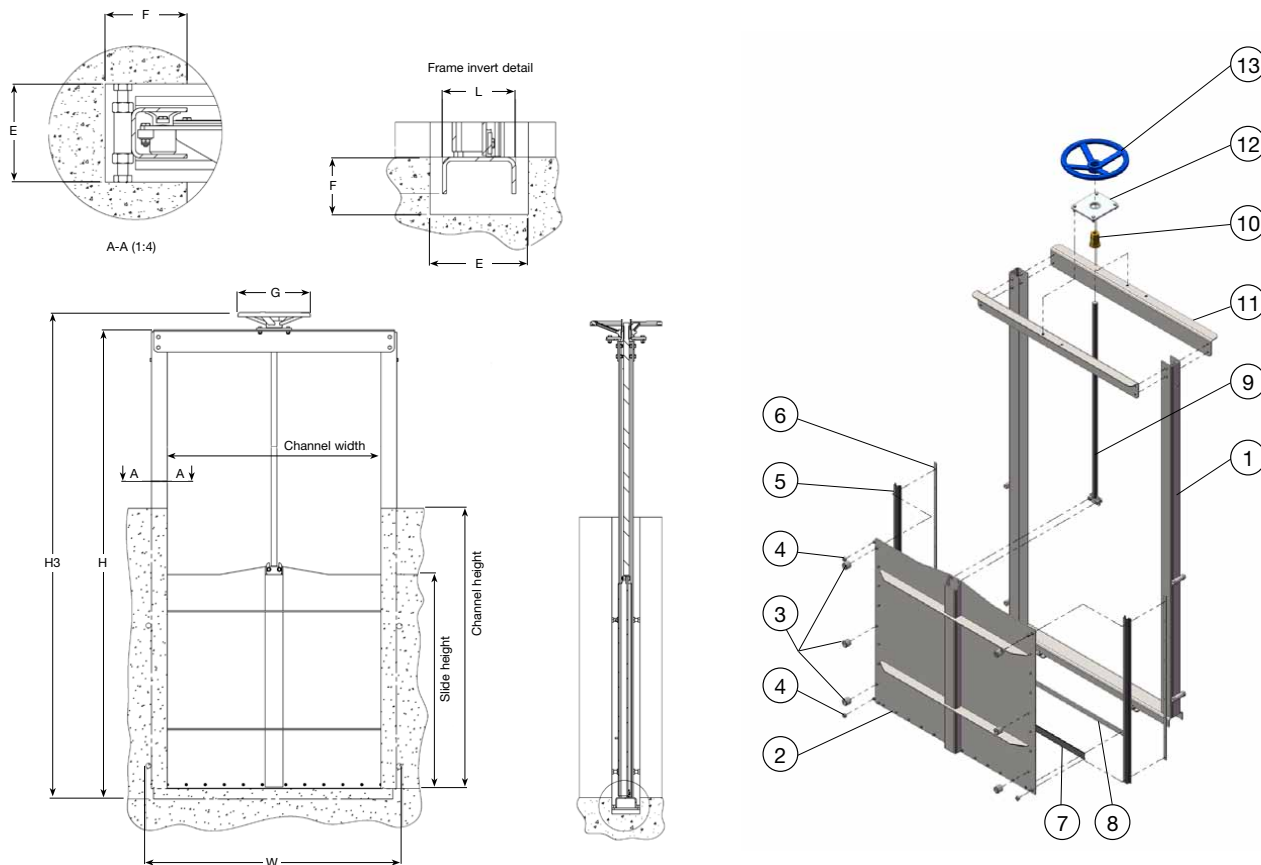


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Component List:

1. Frame	Stainless steel AISI 304	2. Slide	Stainless steel AISI 304
3. Guide	HMWPE	4. Slide bearing	HMWPE
5. Seal	EPDM rubber	6. Seal retainer	Stainless steel AISI 304
7. Bottom seal	EPDM rubber	8. Bottom seal retainer	Stainless steel AISI 304
9. Stem	Stainless steel AISI 303	10. Stem nut	Bronze
11. Yoke	Stainless steel AISI 304	12. Stem nut bracket	Stainless steel AISI 304
13. Handwheel	Aluminium		

Components may be substituted with equivalent or higher class materials without prior notification.

Reference Nos. and Dimensions:

AVK ref. nos	Size mm	W mm	H mm	H3 mm	L mm	E mm	F mm	G mm	Theoretical weight kg
772-02000200-72-651001	200 - 200	371	525	589	80	120	100	225	16
772-03000300-72-651001	300 - 300	471	725	789	80	120	100	225	22
772-04000400-72-651001	400 - 400	571	925	989	80	120	100	225	28
772-05000500-72-651001	500 - 500	671	1125	1189	80	120	100	225	35
772-06000600-72-651001	600 - 600	776	1380	1444	90	120	100	225	53
772-07000700-72-651001	700 - 700	876	1580	1662	90	120	100	310	64
772-08000800-72-651001	800 - 800	976	1780	1862	90	120	100	310	75
772-09000900-72-651001	900 - 900	1076	1980	2062	90	120	100	310	93
772-10001000-72-651001	1000 - 1000	1176	2180	2262	90	120	100	310	107
772-11001100-71-751001	1100 - 1100	1276	2415	2500	110	250	125	410	146
772-12001200-71-751001	1200 - 1200	1376	2615	2700	110	250	125	410	179
772-13001300-71-751001	1300 - 1300	1476	2815	2900	110	250	125	410	198
772-14001400-71-751001	1400 - 1400	1576	3015	3100	110	250	125	410	218
772-15001500-71-751021	1500 - 1500	1576	3215	3415	110	250	125	300	252

The designs, materials and specifications shown are subject to change without notice. This is due to the continuous development of our product programme.