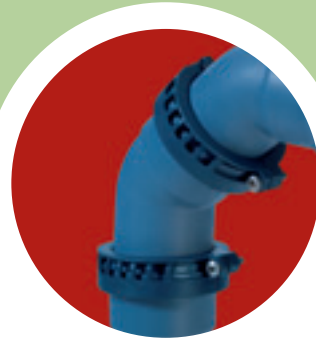




POLO-INFO

POLO-ASV / EXTENSION-PROOF CONNECTION

(SAFETY RESERVE) THE POLO-ASV EXTENSION RETAINER INCREASES SAFETY BY PROVIDING GREATER HOLD IN CASE THE PUSH-FIT CONNECTIONS OF THE POLO-KAL NG DOMESTIC WASTE DISPOSAL SYSTEM ARE EXPOSED TO EXTREME STRAIN. POLO-ASV IS EASY TO ASSEMBLE AND DISASSEMBLE – ALLOWING PUSH-FIT CONNECTIONS TO BE UNDONE IF NECESSARY.



POLO-KAL NG TAKES EVEN INCREASED DEMANDS

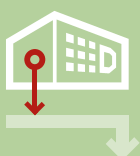
A) WHEN THE PUSH-FIT CONNECTION IS EXPOSED TO EXCESS PRESSURE OR VACUUM FROM THE INSIDE OR TO HAMMER BLOWS

- _ IN LIFTING SYSTEMS WITH AN EXCESS PRESSURE VALUE OF UP TO 2 BAR (WITHOUT HAMMER BLOW) to convey sewage water above the backwater level into the sewer
- _ IN DOWNPIPES WITH A BACKWATER LEVEL OF UP TO 20 M during heavy rain, when the rain water is banked up in the pipe



B) WHEN THE PUSH-FIT CONNECTION IN THE BUILDING UNDER CONSTRUCTION OR THE READY BUILDING IS EXPOSED TO MECHANICAL STRESS

- _ WHEN THE WASTE WATER LEVEL FROM THE SEWER EXCEEDS 20 M in open downpipes or collective pipes of domestic waste disposal systems
- _ UNDER INAPPROPRIATE STRESS in the course of overhauling plumbing
- _ IN EXHAUST PIPES DURING FITTING to “thread” the pipe
- _ UNDER ALL TYPES OF INCREASED DEMANDS as, e. g., movement in the area of the pipe bend



BENEFITS OF POLO-ASV

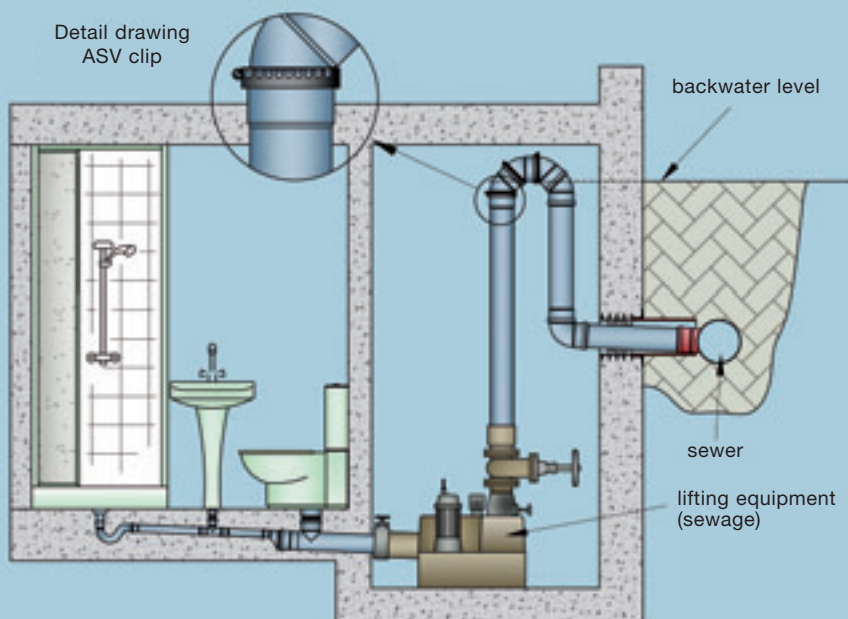
- _ STRENGTHENS THE RELIABLE HOLD OF THE PUSH-FIT CONNECTIONS UNDER INCREASED REQUIREMENTS AND OPENS NEW FIELDS OF APPLICATION
- _ INCREASES SAFETY UNDER PARTICULARLY HEAVY STRAIN
- _ PROVIDES SIMPLE AND FAST ASSEMBLY AT A REASONABLE PRICE
- _ EASY ASSEMBLY AND DISASSEMBLY
- _ THE EXTENSION RETAINER AND THUS THE PIPE CONNECTION CAN BE DISCONNECTED WHENEVER NECESSARY

HOW TO FIT THE POLO-ASV



- 1_ Establish a push-fit connection from POLO-KAL NG to POLO-KAL NG.
- 2_ Remove the POLO-ASV (the bracket providing an extension-proof connection) before fitting it.
- 3_ NOTE: when using POLO-KAL 3S da 75 and da 100 pipe dimensions, make sure to remove the stop bosses, e. g., with pliers.
- 4_ Put POLO-ASV on the connection and fit it in such a way as to make sure to hook the claw in the retaining end.
- 5_ Then pull the screw on the opposite side to the limit stop.
- 6_ The result: the completed extension-proof connection providing increased safety and hold.

LIFTING EQUIPMENT (SEWAGE)



The following table contains the load limits, independent of the type of load.

dimensions	item no.	max. adm. extension force	max. adm. intern. pressure*
da 40	1751	140 kg	3 bar
da 50	1752	140 kg	3 bar
da 75	1753	180 kg	3 bar
da 90	1754	200 kg	3 bar
da 110	1755	200 kg	2 bar

*water hammer blows are not taken into account

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PIPE SYSTEMS