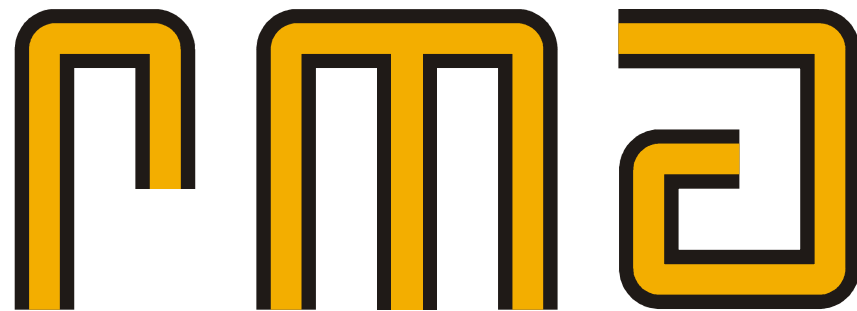




Product information
PE ball valve HKSF-PE



PIPELINE EQUIPMENT

PE Ball valve HKSF-PE

The type "HKSF-PE" polyethylene ball valve enables pipes, connection parts and the shut-off valve to be laid fully welded in PE-HD.

Time-consuming insulation work is no longer necessary. The result is homogenous, corrosion-free underground installation with a service life equal to that of the continuous pipeline.

The design of these ball valves, which is the product of numerous test series, is characterised by perfect longitudinal force fit, leak proofness and deformation resistance. The ball-shaped structure of the body allows all external influences which arise to be absorbed without impinging upon functional performance.

The smooth interior of the PE-HD ball valve ensures very low pressure loss combined with optimum flow velocity. A non-slot inner surface wards off deposits and ensures problem-free operation of the fitting, even after many years of use.

RMA-PE-HD ball valves are designed to have low operating torque. The seal type on the shut-off part is designed to ensure that even after long use, no caking can occur. This is thanks to a special O-ring shaped profile sealing sleeve with a relatively small contact surface and specifically high contact pressure.



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The control shaft only allows a RMA shift linkage to be used which skips if a torque of 150 Nm is exceeded, preventing damage to the ball valve.

The double stops of the actuator square are positively embedded in the body and tolerate torques several times over the limits resulting from the key rod. With DN 150 for instance, this is 500 Nm without deformation of the valve body. This is due to the fact that the control shaft is not subjected to operating forces. These forces are transferred by the actuator square directly onto the body. Upon request, type "HKSF-PE" RMA ball valves can be supplied as a complete set consisting of:

- ball valve
- key rod with square head 14 or 27/32
- rod protection tube

A particular installation specification is not necessary thanks to the stable design.
Type "HKSF-PE" RMA ball valves are absolutely maintenance-free.

Design features:

Body and weld ends made from PE-HD, actuator square made from fibre-glass reinforced Keripol, control shaft made from Hostaform (POM), seals made from universally gas-compatible Perbunan.

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DN mm	DA PE Pipe mm	s Wall Thickness mm	L mm	L1 mm	L2 mm
DN 25	32,3	3,1	280	96	80
DN 32	40,3	3,8	280	96	80
DN 40	50,3	4,7	370	108	112
DN 50	63,3	5,9	370	108	112
DN 80	90	8,2	530	136	154
DN 100	110	10	530	136	154
DN 100	125	11,4	530	168	145
DN 150	160	14,6	680	185	210
DN 150	180	16,4	680	185	210
DN 200	200	18,2	680	185	210
DN 200	225	20,5	680	185	210

