CLAIMS

1. A seal support ring for a valve, the seal support ring comprising:
a throughflow opening and a basic body, which annularly surrounds the throughflow opening;
a fastening arrangement is configured to fasten the seal support ring within a valve housing of the valve, such that the seal support ring is connectable to and removable from an interior of the valve housing;
the basic body has a first side on which the seal support ring, in a state completely mounted on the valve housing, is adapted to lie against the valve housing;
at least one seal ring made from an elastomer arranged on the basic body that surrounds the throughflow opening;
a casing wall arranged on the basic body that surrounds the throughflow opening at least in regions and protrudes on a second side of the basic body, opposite the first side, the casing wall having a radially inwardly facing larger inside diameter than an inside diameter of the seal ring, and the casing wall being radially offset and non-contacting with the seal ring.

2. The seal support ring according to Claim 1, wherein the casing wall has, on the second side opposite the first side, a protrusion of 15 mm to 40mmrelative to the basic body.

3. Seal support ring according to Claim 1, wherein a wall opening formed as a blind hole is arranged in the casing wall.

4. The seal support ring according to Claim 1, wherein the casing wall is arranged on an outer edge of the basic body facing away from the throughflow opening.

5. The seal support ring according to Claim 4, wherein the casing wall is formed integrally with the basic body.

6. The seal support ring according to claim 1, wherein the casing wall, in cross-section, is arranged at a right angle relative to a surface of the basic body on the first side of the basic body.

7. The seal support ring according to Claim 1, wherein at least a portion of the fastening arrangement is formed on or in the basic body.

8. The seal support ring according to claim 1, wherein the seal ring is fixed to the basic body or is arranged exchangeably in a groove of the basic body.

9. The seal support ring according to Claim 8, wherein the seal ring is vulcanized on the basic body.

10. The seal support ring according Claim 1, wherein the fastening arrangement comprises a sequence of keyhole-shaped openings formed spaced apart from one another in the basic body.

11. The seal support ring according to Claim 1, wherein the fastening arrangement comprises an undercut groove on the basic body formed as a blind hole which is open towards an outer edge of the basic body facing away from the throughflow opening, and at least one screw is arranged on the seal support ring on a fixing side of the first side and at an opposite end as the undercut groove.

12. A valve, comprising:
a valve housing;
a valve opening in the valve housing;
a valve disc configured to close the valve opening in a closed position of the valve disc;
a seal support ring according to Claim 1 fastened removably to the valve housing;
wherein the valve opening of the valve and the throughflow opening of the seal support ring are arranged aligned with each other, and the valve disc, in the closed position, lies against the seal ring of the seal support ring and is surrounded by the casing wall of the seal support ring.