

Designed according to EN 12050-4 Face to face according to DIN 3202-F6 Standard flange drilling to EN1092-2 (ISO 7005-2)

Use:

For water to max. 70°C

Materials Body Cover Ball

Bolt Coating Ductile Iron GGG50 Ductile Iron GGG50 Aluminium DN50-100 Ductile Iron DN125-500 vulcanized with NBR rubber PUR DN600 Stainless steel Epoxy coating RAL7011

Test: Hydraulic test to BS EN 1074 Seat: 1.1 x PN Body: 1.5 x PN

Marking:

DN, PN, casting no. and body material.





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

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Component list

1. Cover

1

2

3

4

5

4. Body

Н

5. Ball

53/35 003

2. Bolt 3. Gasket

Features

The valve design features 100% free flow as the ball does not appear in the valve flow path when in open position. The straight bore prevents deposits in the valve. Consequently the AVK ball check valves feature a very low pressure loss giving the benefits of optimum use of pump capacity.

Tightness is secured when installed both vertically and horizontally, even at very low counter pressure. At horizontal installation the ball will be placed in almost closed position, as the valve body supports the ball against the seat. The ball is rotating duringoperation thus giving a self-cleaning function and minimum wear of the rubber.

The rubber hardness is carefully defined to preventthe ball from getting stuck in the seat.

The check valves are optionally available with different ball weights and balls of solid PUR in standard weights.



		L	Н	Weight
Ref.no.	DN	mm	mm	Kgs
53-050-35-X007	50	200	101	7.5
53-065-35-X007	65	230	148	12
53-080-35-X007	80	260	148	13
53-100-35-X007	100	300	182	18
53-125-35-X007	125	350	251	35
53-150-35-X007	150	400	251	37
53-200-35-0007	200	500	333	68
53-250-35-X007	250	600	406	112
53-300-35-X007	300	700	480	163
53-350-35-0007	350	800	571	289
53-400-35-0007	400	900	657	416
53-500-35-0007	500	1100	930	712
53-600-35-0207	600	1300	1010	1200
<=0, PN10. X=1, PN16.				

