

PERAQUA®

pooled family pleasure



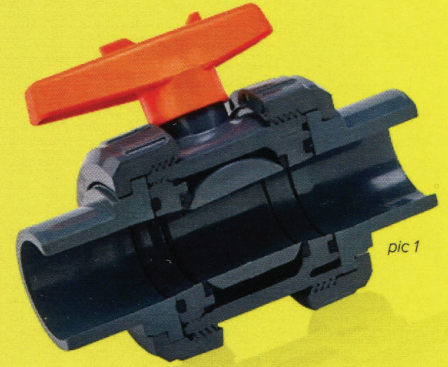
**Better
Safe Than
Sorry**
*Safety and
functionality for
many years*

PRAHER
PLASTICS



MILLIONS SOLD – TRUSTED AROUND THE WORLD

- Operation temperature up +60 °C/140 °F
- Best flow rates due to non-reduced diameter
- High durability due to ball seating ring made of PTFE or PE
- Low weight
- Radial installation and disassembly
- Double shaft sealing
- UV resistant
- Corrosion-free
- Double side blocked body design offers more safety (pic 2)
- 100 % function and leak test after assembly
- 100 % pure PVC (pic 1)



PRAHER
PLASTICS

According to EG-VCM safety regulation.

General:

- Material: PVC-U
- Sealing materials: EPDM/FPM
- Ball seating joint: PTFE/PE
- Dimensions: DN3"-DN4"

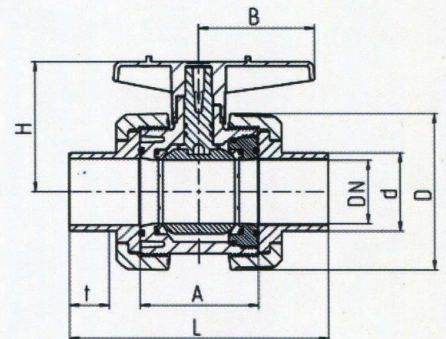
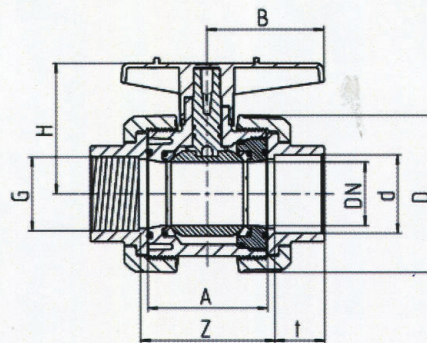
Connector types:

- Solvent socket: DIN/ASTM/JIS
- Solvent spigot: DIN
- Threaded socket: BSP/NPT
- PE fusion spigot: DIN
- PE fusion socket: DIN

Operating pressure:

PVC: DN3/8"-DN3", DN4"

Dimensions:



Operating pressure:

PVC: DN3/8"-DN3", DN4"

PVC-U

Connection types

PVC solvent socket/solvent spigot/threaded socket

PE fusion socket/fusion spigot

DN	10	15	20	25	32	40	50	65	80	80
d	16	20	25	32	40	50	63	75	90	110
G ^{TSO} ¹	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
A	44.5	44.5	50	52.5	61	77	87	110	136	136
B	42.5	42.5	55	55	65	75	75	111	133.5	133.5
D	55.5	55.5	62	70	87	101.5	115.5	144.5	180.5	180.5
H	47	47	53	55.5	76	88.5	98	126	150.5	150.5
t ^{SSO} ²	16.5	16.5	19.5	22.5	26.5	31.5	38.5	45	56.5	61
t ^{SSP} ³	17	17	20	22.5	26.5	31.5	38.5	45	54	-
t ^{FSP} ⁴ PE	13	14.5	15.5	18.5	15.5	29	31	32	30	-
t ^{FSO} ⁵ PE	14.5	16	17	19.5	22	25	29	31.5	38	42
Z ^{SSO} ²	51	49	56	58	68	85	98	121	153	162
Z ^{TSO} ¹	50	50	57	60	67	86	98	123	156	-
Z ^{FSO} ⁵ PE	54	51	60	64	75	97	115	138	182	186
L ^{SSP} ³	98	107	125	133	151	176	201	260	297	-
L ^{FSP} ⁴ PE	95	105	123	130	119	162	175	226	266	-
PN _{PVC}	16	16	16	16	16	16	16	16	16	16
PN _{PE}	16	16	16	16	16	16	16	16	16	10

¹ TSO = threaded socket

² SSO = solvent socket

³ SSP = solvent spigot

⁴ FSP = fusion spigot

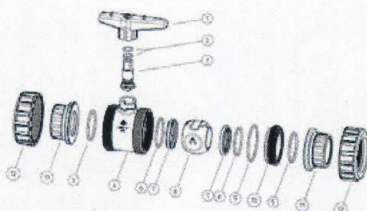
⁵ FSO = fusion socket

- = currently not realized

Dimensions in mm

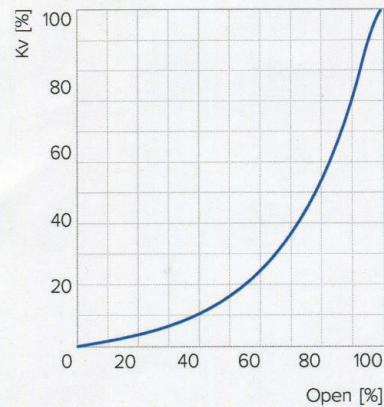
Exploded drawing:

1. Handle
2. O-Ring
3. Shaft
4. Body
5. O-Ring
6. O-Ring (only at DN80)
7. Ball seating joint
8. Ball
9. O-Ring
10. Thrust collar
11. Connector types
solvent socket/spigot
threaded socket
fusion socket/spigot
12. Union nut

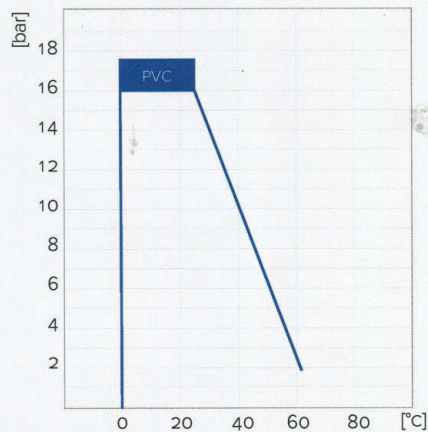


This document does not constitute a guarantee, it is for initial information purposes only. The product range is continually upgraded, the designs and types therefore only reflect the state of the art at the time of printing. Subject to technical modifications!

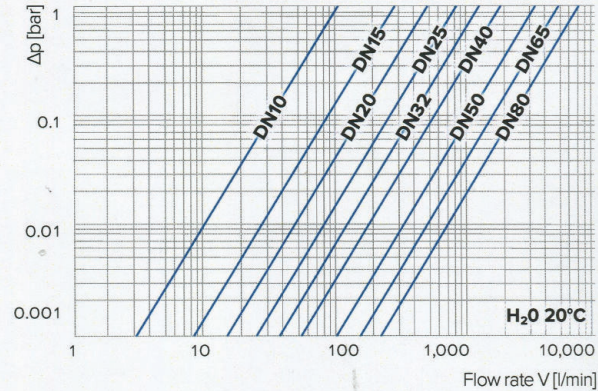
Diagrams:
Flow characteristics:



Pressure temperature diagram:



Pressure loss diagram:



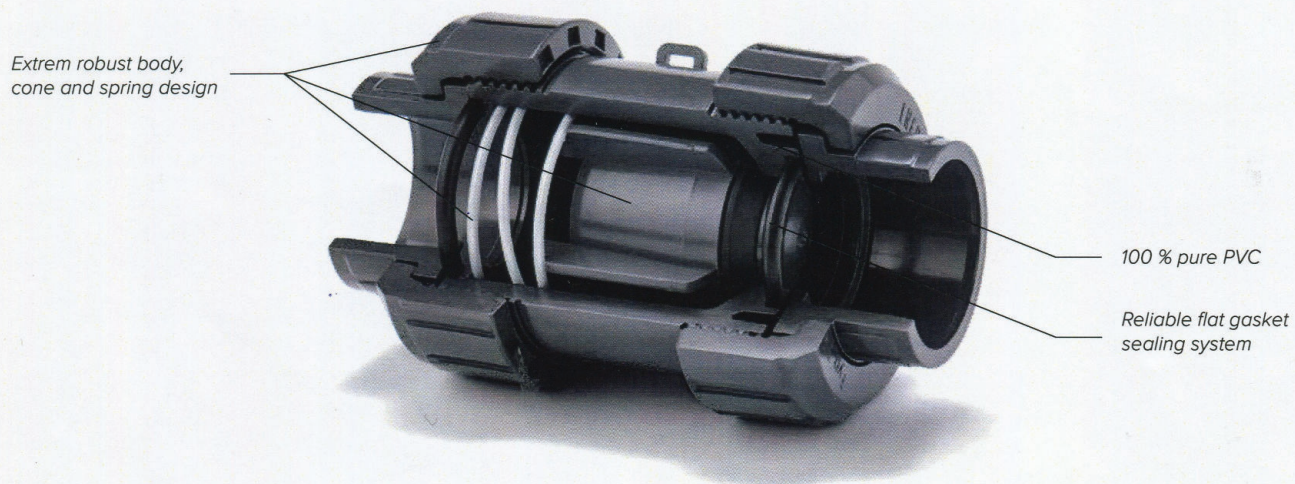
Pressure loss*	DN10	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80
0.001 bar	4.1	6.3	13.3	20.5	28.4	44.2	82.2	143.8	212.5
1 bar	130	200	420	650	900	1400	2600	4550	6720

l/min

PVC CONE CHECK VALVE TYPE S4

PTFE-TEFLON COATED STEEL SPRING

Pools which are operated by salt electrolysis systems, low concentrated chlorine & other chemical liquids (for more details ask for our chemical resistance lists). Installation in horizontal and vertical position possible.



FURTHER PRODUCTS FROM PRAHER PLASTICS



Diaphragm Valve T4

d20 ½"–d140 5"



3-way Ball Valve S4

d20 ½"–d63 2"



Laboratory Ball Valve S4

¼", ¾"



Cone Check Valve S6

d40 1 ¼"–d63 2"



PVC IBG/PRAHER pressure fittings

d16–d400



Butterfly Valve K4

d75 2 ½"–d225 8"



PVC IBG FlexFit

d50 1 ½"–d63 2" for PVC flex hose, PVC and PE pipe



PVC Pressure Pipe

d16–d400 PN6, 10 and 16



Wafer Check Valve K6

d50 1 ½"–d315 12"



Wafer Check Valve K4

d75 2 ½"–d315 12"



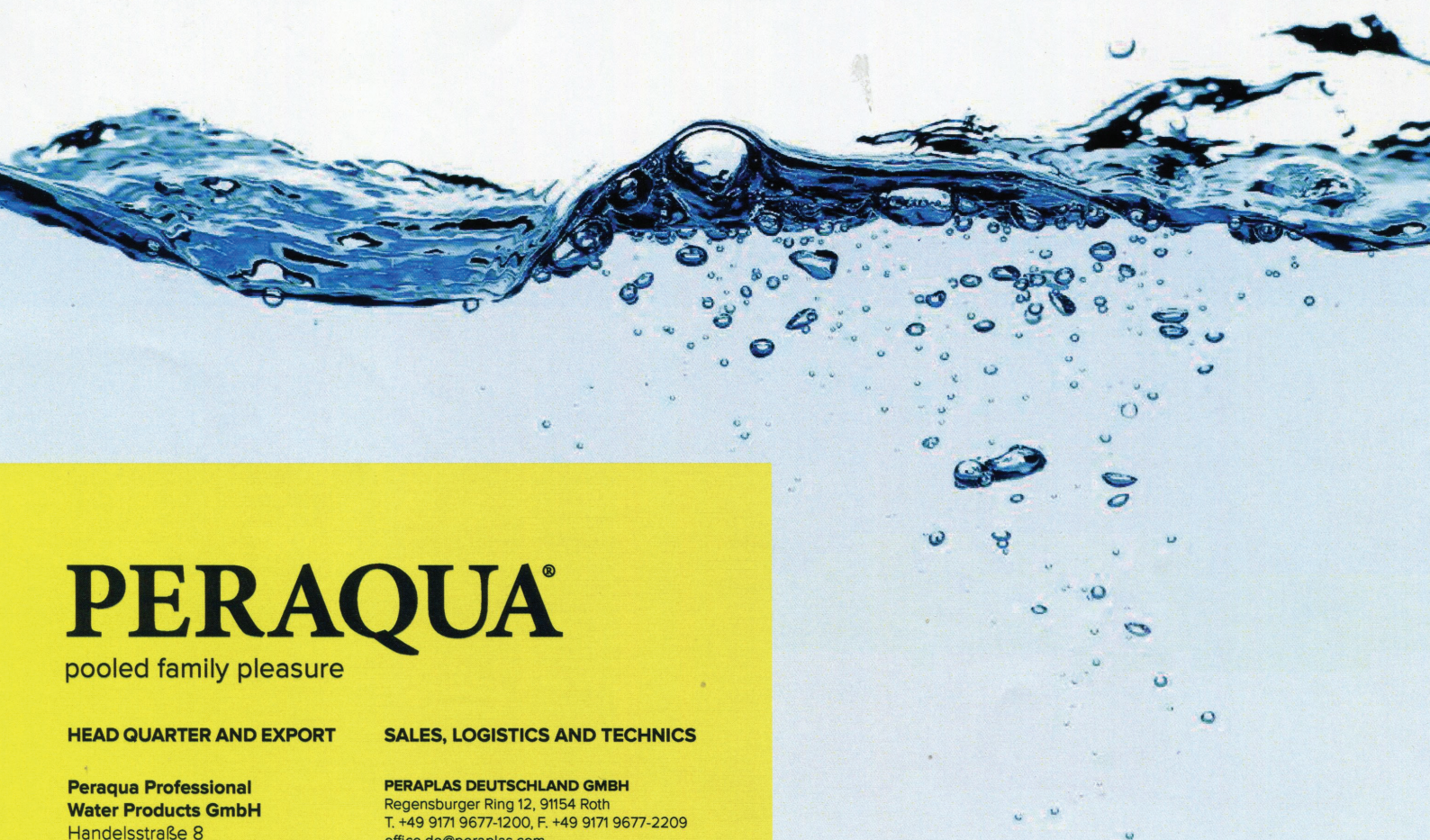


RESPONSIBLY
PRODUCED



Complete equipment for all types of pools.

WANTED COAT



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pooled family pleasure

HEAD QUARTER AND EXPORT

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