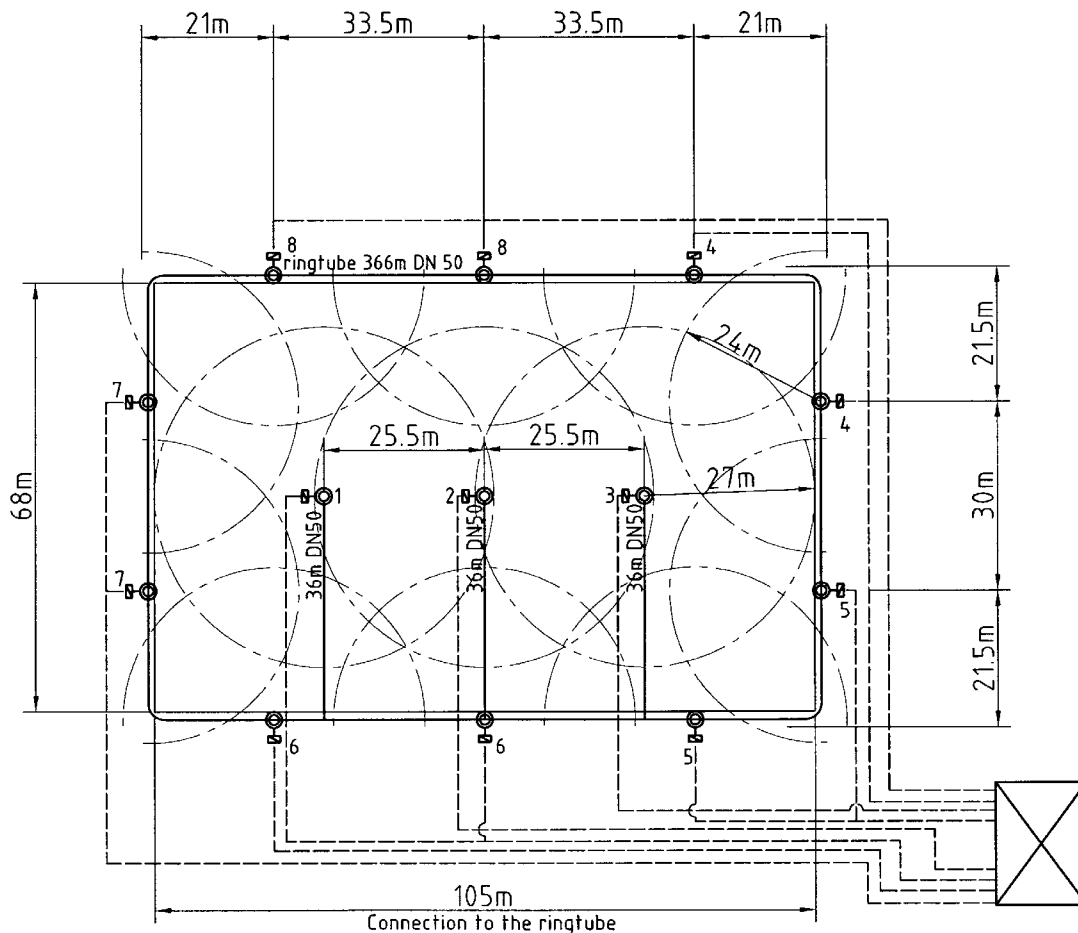


Sport field - Irrigation scheme

automatically controlled, permanently installed
Pop up sprinkler type **PERROT LVZR22VAC /**
RVR VCA with valve in head

Sport field size 68m x 105m



Sprinkler type : LVZR 22 WV AC Ø 10 x 5
 RVR V AC Ø 12 x 5 x 5,2

Performance data :

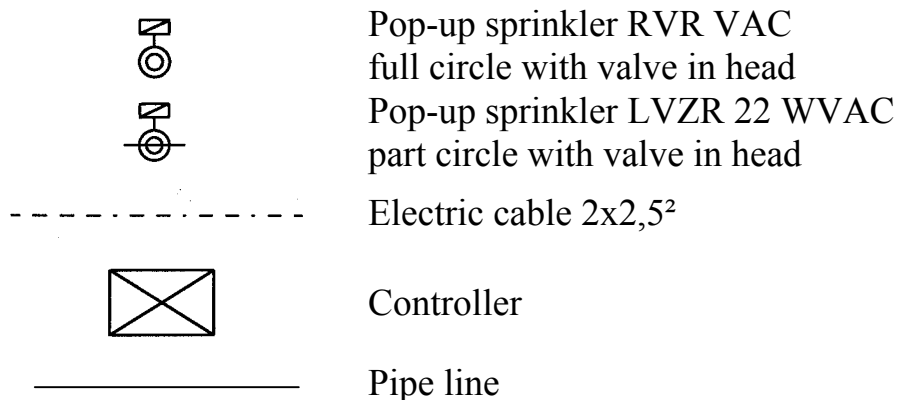
Water consumption :

for 1 pop-up at the edge of the field Q = 10m³/h
 for 1 pop-up in the centre field Q = 16m³/h
 operating pressure at the sprinkler nozzle 5,5 bar

Irrigation cycle is divided into 8 sections
 2 sprinkler at the edge are connected to 1 section
 1 sprinkler at the centre field is 1 section

max. water consumption per section Q = 20m³/h
 average precipitation density 2,5 mm/h
 required pressure at the gate valve 7 bar
 total water consumption Q = 20m³/h

Legend :



Extend of supply

(only for the material inside the sport field)

A. Pop-up sprinklers

10x LVZR 22WVAC Dia 10 x 5
 3x RVR VAC Dia 12 x 5 x 5,2

B. PE-pipe

450 m PE-HD/PN12,5 Dia 63

C. Fittings, Valves

lay-out plan for fittings see page 4

Pos.	Pieces	Description	Article No
1	13	Swing joint 1½"	ZH09 90 310
4	3	clamp connection 63 x 1½" FT	ZH07 90 088
5	10	clamp T-piece 63 x 1½" FT x 63	ZH07 90 153
6	3	clamp T-piece 63 x 63 x 63	ZH07 90 133
7	1	clamp connection 63 x 2" FT x 63	ZH07 90 154
8	2	clamp connection 75 x 2" MT	ZH07 90 063
9	1	Gate valve 2"	ZK01 94 045

D. Control-system and accessories

Piece/Unit	Description	Article No
1 piece	Water Control 24V/AC with 8 stations	CSA9 49 153
750 m	electric control cable 2 x 2,5²	ZK28 90 027
30 piece	cable connector DBY	ZH05 90 026

Lay out of fittings for irrigation system on sport fields stationary - automatic control system

