

# Gear drive pop-up sprinkler **HYDRA-2-XS**



**Application:**  
parks, tennis courts, sport fields,  
golf courses, private gardens

Technical data

**Nozzle variations:** 4 - 6 mm  
**No. of nozzles:** with 1 nozzle  
**Operating pressure:** 3,0 - 6,0 bar  
**Casting range:** 13 - 19 m  
**Flow rate:** 1,0 - 3,2 m<sup>3</sup>/h  
**Trajectory:** 25°  
**Inlet:** 1" female thread  
Inlet bushing made  
of brass

## **Benefits**

- Central flow system reduces hydraulic friction and improves the performance efficiency
- Both left(+/-90°) and right(30-330°) sectors are adjustable
- Arc can be adjusted also with sprinkler in operation
- Closed case rotor
- Rotation speed adjustable (100 - 150 sec/360°)
- High endurance ball bearings used inside the sprinkler
- All parts can be serviced from the top of the sprinkler without the need for digging
- Flushing techniques ensure positive pop-up and pop-down

## **NEW AT HYDRA-2-XS**

- Improved sand protection
- Form-fitting fixation of the riser inlet filter

<i>sprinkler type</i> Regnertyp	<i>inlet</i> Anschlußgewinde	<i>body height</i> Einbauhöhe	<i>pop-up height</i> Aufstiegshöhe	<i>minimum pressure</i> Mindestdruck	<i>exposed surface Ø</i> Außen-Ø Gehäuse	<i>cap Ø</i> Außen-Ø Kopf
<b>HYDRA-2-XS</b>	1" IG / female	274 mm	80 mm	3,0 bar	115 mm	60 mm

## Types available

Full and part circle sprinkler with  
- stop valve

### Standard nozzle preset

#### HYDRA-2-XS with 1 nozzle

Betriebs- druck operating pressure	Düse/nozzle 4 mm/ 0,16"		Düse/nozzle 5 mm/ 0,20"		Düse/nozzle 6 mm/ 0,24"		Düse/nozzle		Düse/nozzle		Düse/nozzle		Düse/nozzle		Düse/nozzle		Düse/nozzle		
	m³/h	m	m³/h	m	m³/h	m	m³/h	m	m³/h	m	m³/h	m	m³/h	m	m³/h	m	m³/h	m	
2,5 bar																			
3,0 bar	0,99	13,0	1,54	15,0	2,22	17,0													
3,5 bar																			
4,0 bar	1,14	13,5	1,78	16,0	2,56	17,5													
4,5 bar																			
5,0 bar	1,27	14,0	1,99	16,5	2,86	18,0													
5,5 bar																			
6,0 bar	1,39	15,0	2,18	17,0	3,14	19,0													
7,0 bar																			
8,0 bar																			

Radius derived from tests under real conditions, with rotating sprinkler installed at ground level (sprinkler model without valve)  
Wurfweite gemessen unter natürlichen Bedingungen, mit drehendem Regner auf Bodenhöhe installiert (Regner-Modell ohne Ventil)

Garantie: 5 Jahre  
Warranty: 5 years