

# Technical Data

Toro >

## > 300 Series Rotors



### DESCRIPTION:

- Diameter of the nozzle holder: 60 mm
- Ring nut diameter: 75 mm

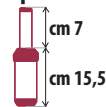
### Dimensions

- Shrub base diameter: 45 mm

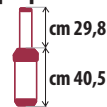
### Technical specifications

- Radius: 4,6 ÷ 9,2 m
- Flow range:
  - lawn Pop-up e High-pop: 2,1 ÷ 28,4 l/min
  - shrub (COM): 7,8 ÷ 24,0 l/min
- Operating pressure range: 2,4 ÷ 3,5 bar
- Trajectory angle: 3 angles for short, medium and long radius (female thread):
  - lawn Pop-up e High-pop: ¾"
  - shrub: ½"-¾"
- Large filter

Lawn Pop-up



High Pop-up



| Code   | Description                                                 | Conn. F | Box |
|--------|-------------------------------------------------------------|---------|-----|
| OID001 | 300 series sprinkler without nozzle and shutter lawn pop-up | ¾"      | 25  |
| OID002 | 300 series sprinkler without nozzle and shutter high pop-up | ¾"      | 1   |

### PERFORMANCE - SERIES 300 FIXED THROW NOZZLES

| PERFORMANCE SERIES 500 BAR THRU NOZZLES |              |          |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-----------------------------------------|--------------|----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Nozzle                                  | Pressure bar | Radius m | 360°                                                                                | 270°                                                                                | 180°                                                                                | 90°                                                                                 |
|                                         |              |          |  |  |  |  |
| Flow rate l/min                         |              |          |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 01                                      | 2,5          | 4,9      | 8,8                                                                                 | 6,6                                                                                 | 4,4                                                                                 | 2,2                                                                                 |
| 01                                      | 3,5          | 5,5      | 11,0                                                                                | 8,3                                                                                 | 5,5                                                                                 | 2,8                                                                                 |
| 02                                      | 2,5          | 6,5      | 11,1                                                                                | 8,3                                                                                 | 5,5                                                                                 | 2,8                                                                                 |
| 02                                      | 3,5          | 7,4      | 13,0                                                                                | 9,8                                                                                 | 6,5                                                                                 | 3,3                                                                                 |
| 03                                      | 2,5          | 8,6      | 20,9                                                                                | 15,7                                                                                | 10,4                                                                                | 5,2                                                                                 |
| 03                                      | 3,5          | 9,2      | 24,6                                                                                | 18,5                                                                                | 12,3                                                                                | 6,2                                                                                 |
| 63                                      | 2,5          | 8,6      | 10,5                                                                                | 7,8                                                                                 | 5,2                                                                                 | 2,6                                                                                 |
| 63                                      | 3,5          | 9,2      | 12,3                                                                                | 9,2                                                                                 | 6,2                                                                                 | 3,9                                                                                 |
| 93                                      | 2,5          | 8,6      | 15,7                                                                                | 11,7                                                                                | 7,8                                                                                 | 3,9                                                                                 |
| 93                                      | 3,5          | 9,2      | 18,5                                                                                | 13,9                                                                                | 9,2                                                                                 | 4,6                                                                                 |

| Code | Description                               | Box |  |
|------|-------------------------------------------|-----|--|
| U044 | 01-02-03-63 OMNI nozzle*                  | 1   |  |
| P001 | Working angle shutter 90°-180°-270°-360°* | 1   |  |

\* When ordering, specify the model, angle type, range and thread - which can also be used for the super 700 series

### PERFORMANCE OF THE STANDARD ADJUSTABLE OMNI NOZZLE

| Pressure<br>bar | Radius m | 360°                                                                                | 270°                                                                                | 225°                                                                                | 202,5°                                                                              | 180°                                                                                | 157,5°                                                                              | 135°                                                                                | 112°                                                                                  | 90°                                                                                   |
|-----------------|----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                 |          |  |  |  |  |  |  |  |  |  |
|                 |          | Flow rate l/min                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| 2,5             | 4,5      | 12,9                                                                                | 9,7                                                                                 | 8,1                                                                                 | 7,3                                                                                 | 6,5                                                                                 | 5,7                                                                                 | 4,9                                                                                 | 4,0                                                                                   | 3,2                                                                                   |
| 2,5             | 5,0      | 14,1                                                                                | 10,6                                                                                | 8,8                                                                                 | 8,0                                                                                 | 7,1                                                                                 | 6,2                                                                                 | 5,3                                                                                 | 4,4                                                                                   | 3,5                                                                                   |
| 2,5             | 6,0      | 16,6                                                                                | 12,5                                                                                | 10,4                                                                                | 9,3                                                                                 | 8,3                                                                                 | 7,3                                                                                 | 6,2                                                                                 | 5,2                                                                                   | 4,2                                                                                   |
| 2,5             | 7,0      | 19,1                                                                                | 14,3                                                                                | 11,9                                                                                | 10,7                                                                                | 9,6                                                                                 | 8,4                                                                                 | 7,2                                                                                 | 5,9                                                                                   | 4,8                                                                                   |
| 2,5             | 8,0      | 22,2                                                                                | 16,7                                                                                | 13,9                                                                                | 12,5                                                                                | 11,1                                                                                | 9,7                                                                                 | 8,3                                                                                 | 6,9                                                                                   | 5,6                                                                                   |
| 3,5             | 6,0      | 19,2                                                                                | 14,4                                                                                | 12,0                                                                                | 10,8                                                                                | 9,6                                                                                 | 8,4                                                                                 | 7,2                                                                                 | 6,0                                                                                   | 4,8                                                                                   |
| 3,5             | 7,0      | 22,2                                                                                | 16,7                                                                                | 13,9                                                                                | 12,5                                                                                | 11,1                                                                                | 9,7                                                                                 | 8,3                                                                                 | 6,9                                                                                   | 5,6                                                                                   |
| 3,5             | 8,0      | 25,2                                                                                | 18,9                                                                                | 15,7                                                                                | 14,2                                                                                | 12,6                                                                                | 11,0                                                                                | 9,4                                                                                 | 7,8                                                                                   | 6,3                                                                                   |
| 3,5             | 9,0      | 28,2                                                                                | 21,1                                                                                | 17,6                                                                                | 15,8                                                                                | 14,1                                                                                | 12,3                                                                                | 10,6                                                                                | 8,8                                                                                   | 7,0                                                                                   |
| 3,5             | 10,0     | 31,2                                                                                | 23,4                                                                                | 19,5                                                                                | 17,5                                                                                | 15,6                                                                                | 13,6                                                                                | 11,7                                                                                | 9,7                                                                                   | 7,8                                                                                   |