

# tyco

Fire Suppression  
& Building Products

## THE ONLY LISTED STAINLESS STEEL, DRY-TYPE SPRINKLER ON THE MARKET TODAY

The TYCO® Series DS-1 Stainless Steel Dry-Type Sprinklers are 5.6 K-factor, corrosion-resistant automatic sprinklers. The stainless steel construction of the DS-1 is intended to extend the life of the sprinkler beyond that of copper alloy constructed sprinklers. The DS-1 Stainless Steel pendent and sidewall sprinklers are available in a variety of configurations to suit coverage type and thermal sensitivity.

### ADDITIONAL FEATURES

- ◆ **Enhanced corrosion-resistant technology**
- ◆ **Available in pendent and horizontal sidewall models**
- ◆ **Quick and standard response**
- ◆ **Extended coverages protecting areas up to 16' x 20' (4,9 x 6,1)**
- ◆ **Wet-pipe, dry-pipe or preaction installations**
- ◆ **Ideal for areas subject to freezing or corrosive conditions, such as shoreline properties, parking garages, freezers and chemical storage**
- ◆ **Backed by the industry's best 10-year limited warranty**

## Series DS-1

5.6 K-Factor

## STAINLESS STEEL, DRY-TYPE SPRINKLERS

TFP560



### TECHNICAL DATA

**Approvals & Listings:** UL and C-UL Listed

**Maximum Working Pressure:** 175 psi (12,1 bar)

**Inlet Thread Connection:** 1 inch NPT or ISO 7-R1

**Discharge Coefficient:**  $K = 5.6 \text{ GPM/psi}^{1/2}$  (80,6 LPM/bar<sup>1/2</sup>)

**Temperature Ratings:** 135°F (57°C) to 360°F (182°C)

**Finishes:** Sprinkler: Stainless Steel  
Escutcheon: Stainless Steel

Always refer to the **Technical Data Sheet TFP560** for complete descriptions of all listing and approval criteria, design parameters, installation instructions, care and maintenance guidelines and our limited warranty.

# Series DS-1

## STAINLESS STEEL, DRY-TYPE SPRINKLERS

### ORDERING PROCEDURE

Indicate the following information when placing an order:

### Stainless Steel Dry-Type Sprinklers

#### 1. Specify Sprinkler:

- Model /Sprinkler Identification Number (SIN) and Description:

#### Standard Coverage Pendant

TY3230 – 3 mm bulb  
TY3250 – 5 mm bulb

#### Standard Coverage Horizontal Sidewall

TY3337 – 3 mm bulb  
TY3357 – 5 mm bulb

#### Extended Coverage Horizontal Sidewall

TY3339 – 3 mm bulb

- Deflector Style: Pendant or Horizontal Sidewall
- 5.6 K-factor
- Order Length
- Inlet Connection: 1 inch NPT or ISO 7-R1
- Temperature Rating
- Escutcheon Style, as applicable
- Part Number from chart

#### 2. Specify Sprinkler Wrench: W-Type 7, P/N 56-850-4-001

### Dry-Type Sprinkler Boot

Specify Model DSB-2 Dry Sprinkler, P/N 63-000-0-002



P/N 60 – XXX – X– XXX

		MODEL/ SIN
11	SS Pendant Quick Response w/ Standard Escutcheon (1" NPT)	TY3230
12	SS Pendant Quick Response w/ Recessed Escutcheon (1" NPT)	TY3230
13	SS Pendant Quick Response w/ Deep Escutcheon (1" NPT)	TY3230
14	SS Pendant Quick Response w/o Escutcheon (1" NPT)	TY3230
21	SS Pendant Standard Response w/ Standard Escutcheon (1" NPT)	TY3250
22	SS Pendant Standard Response w/ Recessed Escutcheon (1" NPT)	TY3250
23	SS Pendant Standard Response w/ Deep Escutcheon (1" NPT)	TY3250
24	SS Pendant Standard Response w/o Escutcheon (1" NPT)	TY3250
15	SS HSW Quick Response Standard Coverage w/ Standard Escutcheon (1" NPT)	TY3337
16	SS HSW Quick Response Standard Coverage w/ Deep Escutcheon (1" NPT)	TY3337
17	SS HSW Quick Response Standard Coverage w/o Escutcheon (1" NPT)	TY3337
25	SS HSW Standard Response Standard Coverage w/ Standard Escutcheon (1" NPT)	TY3357
26	SS HSW Standard Response Standard Coverage w/ Deep Escutcheon (1" NPT)	TY3357
27	SS HSW Standard Response Standard Coverage w/o Escutcheon (1" NPT)	TY3357
18	SS HSW Quick Response Extended Coverage w/ Standard Escutcheon (1" NPT)	TY3339

ORDER LENGTH (1) EXAMPLES	
055	5.50"
082	8.25"
180	18.00"
187	18.75"
372	37.25"
480	48.00"

FINISH	
6	Stainless Steel for Sprinkler & Escutcheon

TEMPERATURE RATING (2)	
0	135°F / 57°C
1	155°F / 68°C
2	175°F / 79°C
3	200°F / 93°C
4	286°F / 141°C
5	360°F / 182°C

**Notes:**

1. Dry-Type Sprinklers are furnished based upon "Order Length" as described in TFP560 and for each individual sprinkler where it is to be installed. After taking the measurement, round it to the nearest ¼ inch increment.
2. 286°F/141°C and 360°F/182°C temperature ratings apply to non-recessed sprinkler assemblies.

Technical Services  
Phone: 800-381-9312  
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[www.Tyco-Fire.com](http://www.Tyco-Fire.com)

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