

## VNIV.EX15208 - Sprinklers, Automatic and Open

## Sprinklers, Automatic and Open

**HD FIRE PROTECT PVT LTD**

D-6/2, Road No. 34  
Wagle Industrial Estate  
Thane, Maharashtra 400604 India

EX15208

Sprinkler Identification Number (SIN) HD 201, 202, 101, 102, 204, 104, HD211, HD212, HD108, HD208, HD105, HD205, HD243, HD172, HD171, HD272, HD271, HD173, HD273, HD602, HD702, HD601, HD701, HD603, HD703, HD608, HD708 glass bulb type sprinklers.

sprinklers.

**UPRIGHT AND PENDENT STANDARD SPRAY SPRINKLERS  
NOMINAL 5.6 K-FACTOR**

SIN	Response Type	Type	Nom K-Factor	System Working Pressure, psig	Temp Rating, °F
HD201	QR	Pendent	5.6	175	135, 155, 175, 200, 286
HD202	QR	Upright	5.6	175	135, 155, 175, 200
HD101	SR	Pendent	5.6	175	135, 155, 175, 200, 286, 360
HD102	SR	Upright	5.6	175	135, 155, 175, 200
HD402	SR	Upright	5.6	175	135, 155, 175, 200
HD502	QR	Upright	5.6	175	135, 155, 175, 200
HD401	SR	Pendent	5.6	175	135, 155, 175, 200
HD501	QR	Pendent	5.6	175	135, 155, 175, 200
HD602	SR	Upright	5.6	175	135, 155, 175, 200, 286
HD702	QR	Upright	5.6	175	135, 155, 175, 200, 286
HD601	SR	Pendent	5.6	175	135, 155, 175, 200, 286
HD701	QR	Pendent	5.6	175	135, 155, 175, 200, 286

**NOMINAL 1.4 TO 4.2 K-FACTOR**

SIN	Response Type	Type	Nom k-Factor	System Working Pressure, psig	Temp Rating, °F
HD211	QR	Pendent	4.2	175	135, 155, 175, 200
HD212	QR	Upright	4.2	175	135, 155, 175, 200

**NOMINAL 8.0 K-FACTOR**

SIN	Response Type	Type	Inlet Thread NPT	System Working Pressure, psig	Temp Rating, °F
HD172	SR	Upright	3/4	175	135, 155, 175, 200

HD171	SR	Pendent	3/4	175	135, 155, 175, 200
HD272	QR	Upright	3/4	175	135, 155, 175, 200
HD271	QR	Pendent	3/4	175	135, 155, 175, 200

**FLUSH, RECESSED AND CONCEALED SPRINKLERS**

SIN	Response Type	Type	Nom K-Factor	Cover	Temp Rating, °F
					Sprinkler
HD204	QR	Conc. Pendent	5.6	135	155
HD201	QR	Rec. Pendent	5.6	—	135, 155, 175, 200, 286
HD104	SR	Conc. Pendent	5.6	135	135, 155
HD104	SR	Conc. Pendent	5.6	155	175, 200
HD101	SR	Rec. Pendent	5.6	—	135, 155, 175, 200, 286, 360
HD171	SR	Rec. Pendent	8.0	—	135, 155, 175, 200
HD271	QR	Rec. Pendent	8.0	—	135, 155, 175, 200
HD173	SR	Rec. HSW	8.0	—	135, 155, 175, 200
HD273	QR	Rec. HSW	8.0	—	135, 155, 175, 200
HD404	SR	Concealed	5.6	135, 155	135, 155, 175, 200
HD504	QR	Concealed	5.6	135, 155	135, 155, 175, 200

**STANDARD SIDEWALL SPRAY SPRINKLERS**

SIN	Response Type	Type	Nom k-Factor	System Working Pressure, psig	Temp Rating, °F
HD103#	SR	HSW	5.6	175	135, 155, 175, 200
HD203#	QR	HSW	5.6	175	135, 155, 175, 200
HD105#	SR	VSW	5.6	175	155, 175, 200
HD205#	QR	VSW	5.6	175	155, 175, 200
HD173#	SR	HSW	8.0	175	135, 155, 175, 200
HD273#	QR	HSW	8.0	175	135, 155, 175, 200
HD403+#	SR	Horizontal	5.6	175	135, 155, 175, 200
HD503+#	QR	Horizontal	5.6	175	135, 155, 175, 200
HD603*#	SR	Horizontal	5.6	175	135, 155, 175, 200, 286
HD703*#	QR	Horizontal	5.6	175	135, 155, 175, 200, 286

+ - Installed 4 to 12 in. below ceiling.

# - For ordinary hazard occupancies.

**CONVENTIONAL (OLD STYLE) SPRINKLERS**

HD108	SR	5.6	135, 155, 175, 200, 286, 360
HD208	QR	5.6	135, 155, 175, 200, 286
HD608	SR	5.6	135, 155, 175, 200, 286
HD708	QR	5.6	135, 155, 175, 200, 286

**QUICK RESPONSE (QR)-EXTENDED-COVERAGE SPRINKLERS - LIGHT HAZARD**

SIN	Type	Max Width Ft (A)	Max Length Ft (B)	Min Flow GPM	System	Nom K-Factor	Distance Below Ceiling, In.	Temp Rating, °F
					Working Pressure, psig			
HD243	HSW, Rec. HSW	16	16	26	175	5.6	4 to 12	135, 155, 175, 200
HD243	HSW, Rec. HSW	16	18	29	175	5.6	4 to 12	135, 155, 175, 200
HD243	HSW, Rec. HSW	16	20	32	175	5.6	4 to 12	135, 155, 175, 200
HD243	HSW, Rec. HSW	16	22	36	175	5.6	4 to 6	135, 155, 175, 200
HD243	HSW, Rec. HSW	16	22	42	175	5.6	6 to 12	135, 155, 175, 200
HD223	HSW, Rec. HSW	16	16	28	175	-	4 to 12	135, 155, 175, 200
HD223	HSW, Rec. HSW	16	18	29	175	-	4 to 12	135, 155, 175, 200
HD223	HSW, Rec. HSW	16	20	32	175	-	4 to 6	135, 155, 175, 200
HD223	HSW, Rec. HSW	16	20	36	175	-	6 to 12	135, 155, 175, 200
HD223	HSW, Rec. HSW	16	22	36	175	-	4 to 12	135, 155, 175, 200
HD223	HSW, Rec. HSW	16	24	39	175	-	4 to 12	135
HD223	HSW	16	24	39	175	-	4 to 12	175

(A) Dimension of wall on which a sidewall sprinkler is installed.

(B) Dimension perpendicular to wall on which a sidewall sprinkler is installed.

Trademark and/or Tradename: "HD"

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