

## DATA SHEET

### CAST IRON FRAME AND GRATE

**PRODUCT DESCRIPTION :** Cast iron frame and grate

**FUNCTION :** For collecting surface runoff for conveying in a non-roadway manhole

**MANUFACTURING STANDARDS :** ASTM A536

**RAW MATERIAL :** Ductile iron

**TECHNICAL DATA :** Diameters : 300 mm (12 in) to 900 mm (36 in)

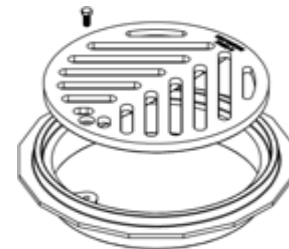
**AVAILABLE :**



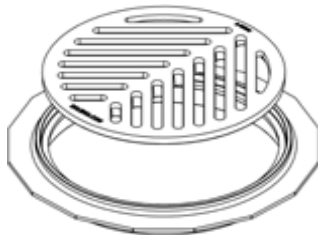
300 mm (12 in)



375 mm (15 in)



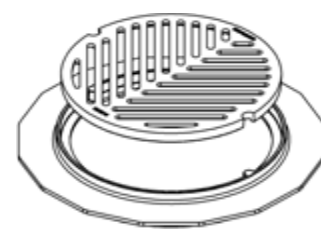
450 mm (18 in)



600 mm (24 in)

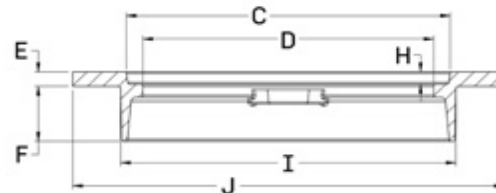


750 mm (30 in)



900 mm (36 in)

### TECHNICAL DATA TABLE 300 mm (12 in) DIAMETER

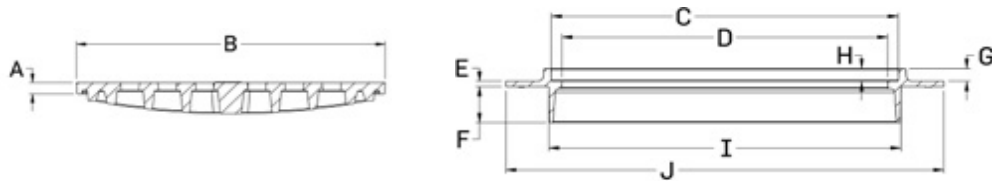


Diameter		A		B		C		D		E		F		G		H		I		J	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
300	12	11	0,43	276	10,87	279	10,98	253	9,96	13	0,51	50	1,97	N/A		11	0,43	292	11,50	382	15,04

## DATA SHEET

### CAST IRON FRAME AND GRATE (CONT'D)

#### TECHNICAL DATA TABLE 375 mm (15 in) TO 900 mm (36 in) DIAMETER



Diameter		A		B		C		D		E		F		G		H		I		J	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
375	15	25	0,98	375	14,76	381	15,00	348	13,70	10	0,39	65	2,56	25	0,98	25	0,98	365	14,37	459	18,07
450	18	25	0,98	452	17,80	458	18,03	419	16,50	10	0,39	70	2,76	25	0,98	25	0,98	439	17,28	561	22,09
600	24	22	0,87	572	22,52	578	22,76	543	21,38	9	0,35	63	2,48	22	0,87	22	0,87	587	23,11	744	29,29
750	30	41	1,61	751	29,57	757	29,80	705	27,76	15	0,59	63	2,48	41	1,61	41	1,61	735	28,94	907	35,71
900	36	41	1,61	751	29,57	757	29,80	690	27,17	15	0,59	63	2,48	41	1,61	41	1,61	883	34,76	1057	41,61

#### TECHNICAL DATA TABLE

Diameter		Frame weight		Grate weight		Opening area	
mm	in	kg	lbs	kg	lbs	cm <sup>2</sup>	in <sup>2</sup>
300	12	7,05	15,5	4,50	9,9	168	26
375	15	12,50	27,6	13,50	29,8	271	42
450	18	19,80	43,7	17,80	39,2	552	86
600	24	24,10	53,1	34,80	76,7	914	142
750	30	43,80	96,6	67,60	149,0	1604	249
900	36	71,40	157,4	67,60	149,0	1604	249