

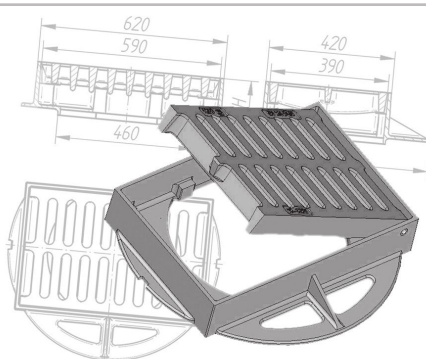
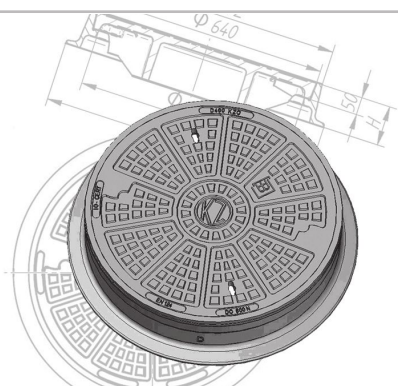


KONECKIE
ZAKŁADY
ODLEWNICZE S.A.

*Sewage
castings*

Product Catalogue

Sewage Castings



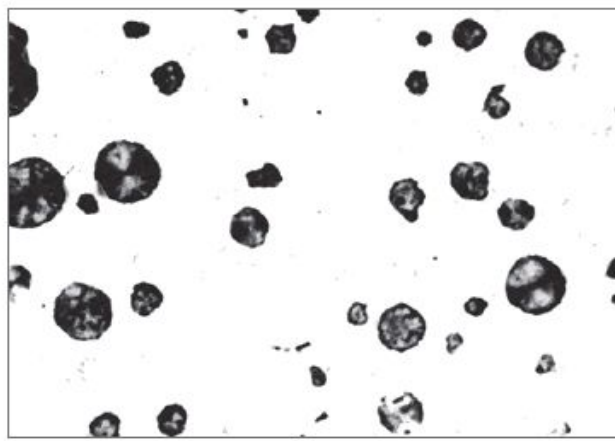
■ CHARACTERISTICS OF CAST IRON

Cast iron is a casting alloy of iron with carbon content exceeding 2%. In building industry, the most commonly used types of cast iron are:

- ✓ grey iron - carbon as a flake graphite
- ✓ ductile iron - carbon as a nodular graphite



Grey iron (flake graphite)



Ductile iron (graphite enclosed in spheres)

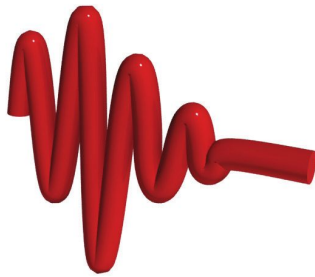
Products of **KZO S.A.** are made of **grey iron**. Compared to ductile iron, it has numerous advantages, which are particularly important in the weather conditions of Europe.

■ ADVANTAGES OF GREY IRON IN ROAD CONSTRUCTION



No transfer of vibrations onto ground:

No microcracks in pavement around grey iron manholes.



High coefficient of vibration damping:

Installation of rubber rings not required (it is necessary for ductile iron manholes).



High resistance to pitting corrosion:

Flake graphite in grey iron prevents pitting of corrosion. It is not necessary to apply coatings.



Larger weight, simple and reliable construction:

Additional elements (clamps) protecting against lifting of covers are not required; long-lasting operation.



Highest durability:

Properties of grey iron make it an excellent material for heavy traffic streets.



Low noise level:

Ensured by high coefficient of vibration damping.



Higher thermal conduction coefficient:

Better and more uniform heat abstraction to surface around the manhole. Prevents from cracking and deformations.



Long-lasting operation:

Ensured by simple and reliable construction

INSTALLATION AREAS OF SPECIFIC CLASSES OF MANHOLES AND POINT DRAINAGES ACCORDING TO THE PN-EN 124:2000 STANDARD



GROUP 1 recommended class for manhole: A15
Surfaces only for pedestrian traffic and cycling.

GROUP 2 min. class B125
Pedestrian ways and areas, equivalent surfaces, car parks or bus stations.

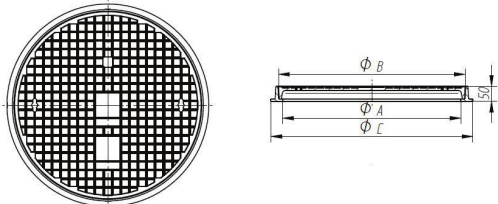
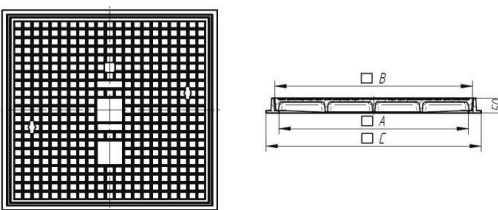
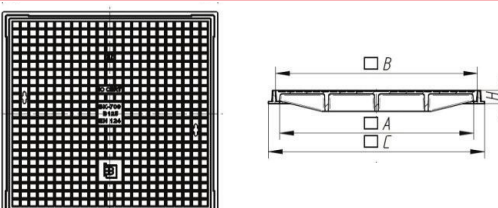
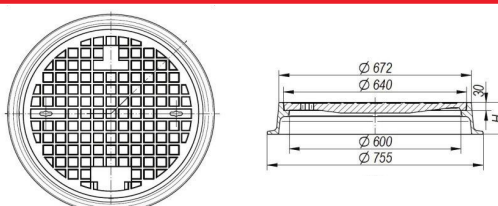
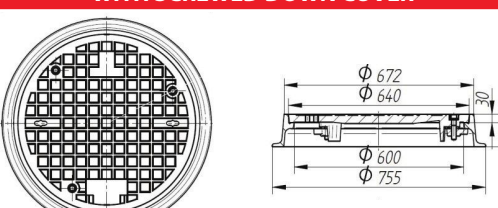
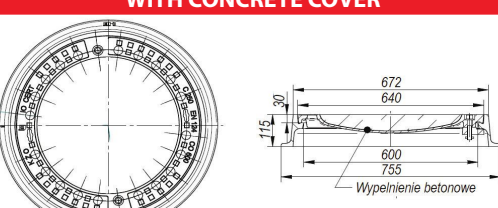
GROUP 3 min. class C250
Only applies to point drainage located next to curbs;
in the area measured from the curb wall, the maximum protrusion towards traffic path is 0.5 m,
and 0.2 m towards footway.

GROUP 4 min. class D400
Roadways (also foot/vehicle traffic ways) and parking areas for all types of road vehicles.

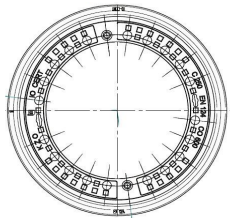
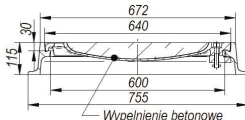
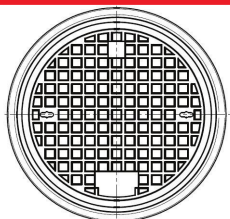
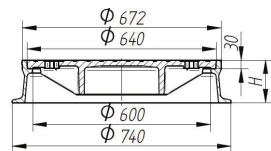
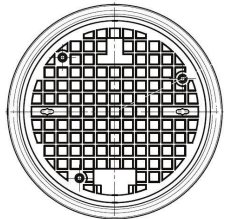
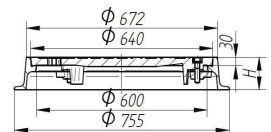
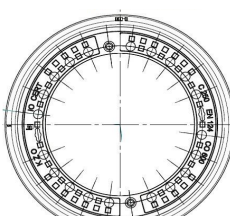
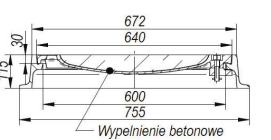
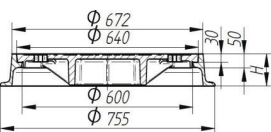
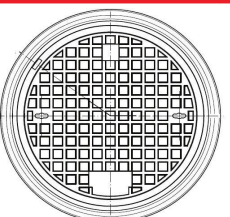
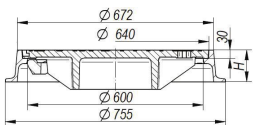
GROUP 5 min. class E600
Surfaces subject to large loads from wheels, e.g. loading platforms, runways.

GROUP 6 min. class F900
Surfaces subject to excessive loads from wheels, e.g. airports.

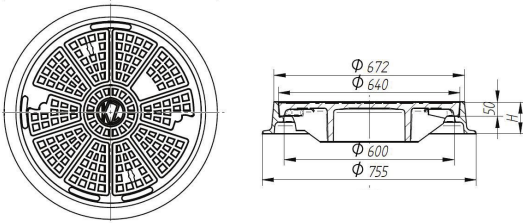
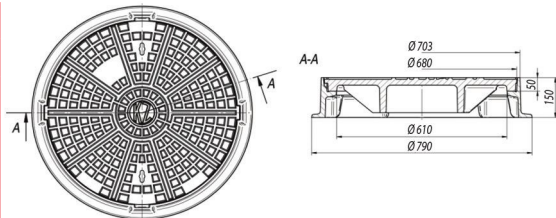
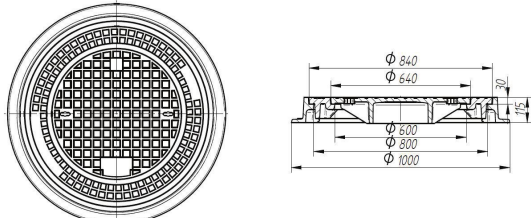
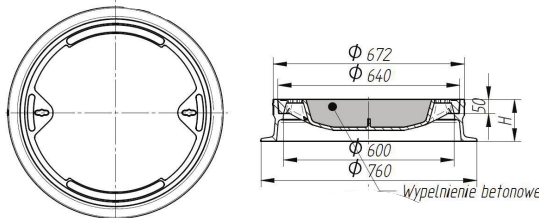
MANHOLE COVERS

ROUND MANHOLE, CLASS A15		Cover type	Index no	A	B	Load [kN]	Weight [kg]
	AO 400	201-1000-000	400	428	15	21	
	AO 500	201-1100-000	500	528	15	30	
	AO 600	201-1200-000	600	628	15	36	
	AO 700	201-1300-000	700	728	15	55	
	AO 800	201-1400-000	800	828	15	72	
SQUARE MANHOLE, CLASS A15		Cover type	Index no	A	B	Load [kN]	Weight [kg]
	AK 400	201-0000-000	400	427	15	28	
	AK 500	201-0100-000	500	527	15	43	
	AK 600	201-0200-000	600	627	15	52	
	AK 700	201-0300-000	700	728	15	67	
SQUARE MANHOLE, CLASS B125		Cover type	Index no	A	B	Load [kN]	Weight [kg]
	BK 700	202-1210-000	700	728	125	78	
	BK 800	202-1010-000	800	828	125	108	
	BK 800 ventilated cover	202-1110-000	800	828	125	108	
MANHOLE, CLASS B125		Cover type	Index no	Load [kN]	Weight [kg]		
	BO 600 H45 disc cover	202-0313-000	125	67			
	BO 600 H45 ribbed cover	202-0300-000	125	62			
	BO 600 H115 disc cover	202-0020-000	125	86			
	BO 600 H115 ribbed cover	202-0010-000	125	81			
	BO 600 H150 disc cover	202-0000-000	125	89			
	BO 600 H150 ribbed cover	202-0001-000	125	84			
MANHOLE, CLASS B125 WITH SCREWED DOWN COVER		Cover type	Index no	Load [kN]	Weight [kg]		
	BO 600 H115 screwed down cover	202-0200-000	125	93			
	BO 600 H150 screwed down cover	202-0011-000	125	96			
MANHOLE, CLASS B125 WITH CONCRETE COVER		Cover type	Index no	Load [kN]	Weight [kg]		
	BO 600 H45	202-0200-000	125	66			
	BO 600 H45 ventilated cover	202-0011-000	125	65			
	BO 600 H115	202-0330-000	125	85			
	BO 600 H115 ventilated cover	202-0350-000	125	84			
	BO 600 H115 screwed down cover	202-0360-000	125	86			
	BO 600 H115 ventilated cover, screwed down	202-0370-000	125	87			

MANHOLE COVERS

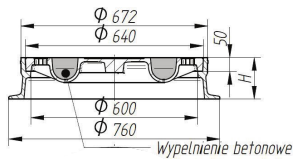
MANHOLE, CLASS B125 WITH CONCRETE COVER		Cover type	Index no	Load [kN]	Weight [kg]
 	BO 600 H150	202-0320-000	125	89	
	BO 600 H150 ventilated cover	202-0340-000	125	88	
MANHOLE, CLASS C250		Cover type	Index no	Load [kN]	Weight [kg]
 	CO 600 H115 disc cover	203-0040-000	250	95	
	CO 600 H115 ribbed cover	203-0050-000	250	107	
	CO 600 H150 disc cover	203-0000-000	250	98	
	CO 600 H150 ribbed cover	203-0000-000	250	111	
MANHOLE, CLASS C250 WITH SCREWED DOWN COVER		Cover type	Index no	Load [kN]	Weight [kg]
 	CO 600 H115 disc cover, screwed down	203-0210-000	250	101	
	CO 600 H115 ribbed cover, screwed down	203-0061-000	250	109	
	CO 600 H150 ribbed cover, screwed down	203-0310-000	250	114	
MANHOLE, CLASS C250 WITH CONCRETE COVER		Cover type	Index no	Load [kN]	Weight [kg]
 	CO 600 H115	203-0431-000	250	85	
	CO 600 H115 screwed down cover	203-0460-000	250	87	
	CO 600 H115 ventilated cover	203-0450-000	250	87	
	CO 600 H115 ventilated cover, screwed down	203-0470-000	250	87	
	CO 600 H150	203-0430-000	250	88	
	CO 600 H150 ventilated cover	203-0440-000	250	91	
	CO 600 H150 ventilated cover, screwed down	203-0445-000	250	92	
MANHOLE, CLASS D400 - 30/50		Cover type	Index no	Load [kN]	Weight [kg]
 	DO 600 H115	204-0296-000	400	100	
	DO 600 H150	204-0295-000	400	104	
	DO 600 H150 ventilated cover	204-0270-000	400	123	
	DO 600 H115 screwed down cover	204-0298-000	400	102	
	DO 600 H150 screwed down cover	204-0297-000	400	105	
MANHOLE, CLASS D400 WITH FASTENING LOCK		Cover type	Index no	Load [kN]	Weight [kg]
 	DO 600 H115	204-0600-000	400	127	
	DO 600 H115 ventilated cover	204-0610-000	400	127	
	DO 600 H150	204-0611-000	400	131	
	DO 600 H150 ventilated cover	204-0612-000	400	131	

MANHOLE COVERS

MANHOLE, CLASS D400		Cover type	Index no	Load [kN]	Weight [kg]
		DO 600 H115	204-0290-000	400	126
		DO 600 H115 screwed down cover	204-0291-000	400	128
		DO 600 H115 ventilated cover	204-0293-000	400	125
		DO 600 H115 ventilated cover, screwed down	204-0292-000	400	132
		DO 600 H150	204-0220-000	400	131
		DO 600 H150 screwed down cover	204-0260-000	400	133
		DO 600 H150 ventilated cover	204-0240-000	400	130
		DO 600 H150 ventilated cover, screwed down	204-0250-000	400	132
MANHOLE DO 600 "EN 124"		Cover type	Index no	Load [kN]	Weight [kg]
		DO 600 EN 124 H150	274-0200-000	400	136
		DO 600 EN 124 H150 with damping pad	274-0300-000	400	136
MANHOLE DN800, CLASS B125, C250, D400		Cover type	Index no	Load [kN]	Weight [kg]
		BO 800 H115 disc cover	202-1000-000	125	203
		BO 800 H115 ribbed cover	202-1001-000	125	198
		BO 800 H115 screwed down cover	202-1300-000	125	209
		CO 800 H115 disc cover	203-2000-000	250	212
		CO 800 H115 screwed down cover	203-2200-000	250	218
		CO 800 H115 cover with fastening lock	203-2300-000	250	224
		DO 800 H115 screwed down cover	204-2100-000	400	244
		DO 800, H 115 30/50 cover	204-2300-000	400	234
		DO 800, H115 ribbed cover, with fastening lock	204-2400-000	400	245
		DO 800, H115 30/50 ribbed cover	204-2500-000	400	217
		DO 800, H115 30/50 ventilated cover	204-2600-000	400	237
		DO 800, H115 ventilated cover with fastening lock	204-2700-000	400	244
		DO 800, H115 ribbed cover 30/50, screwed down	204-2800-000	400	218
MANHOLE, CLASS D400 WITH CONCRETE COVER		Cover type	Index no	Load [kN]	Weight [kg]
		DO 600 H115	204-0800-000	400	116
		DO 600 H150	204-0700-000	400	121

MANHOLE COVERS

MANHOLE, CLASS D400 WITH CONCRETE COVER WITH LOGO



Cover type

Index no

Load
[kN]

Weight
[kg]

DO 600 H115

204-1800-000

400

117

DO 600 H150

204-1700-000

400

122

DO 600 H150 ventilated cover

204-1720-000

400

119

DO 600 H115 ventilated cover

204-1825-000

400

114

DO 600 H115 screwed down cover

204-1815-000

400

119

DO 600 H115 ventilated cover, screwed down

204-1810-000

400

116

DO 600 H115 screwed down cover

204-1710-000

400

124

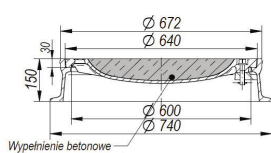
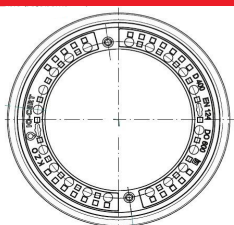
DO 600 H115 ventilated cover, screwed down

204-1730-000

400

121

MANHOLE, CLASS D400 WITH SCREWED DOWN CONCRETE COVER



Cover type

Index no

Load
[kN]

Weight
[kg]

DO 600 H115

204-1950-000

400

109

DO 600 H115 ventilated cover

204-1960-000

400

107

DO 600 H150

204-1900-000

400

113

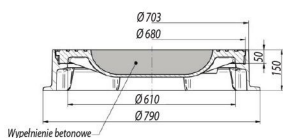
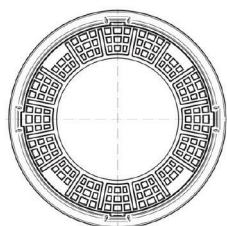
DO 600 H150 ventilated cover

204-1910-000

400

110

MANHOLE DO 600 "EN 124" WITH CONCRETE COVER



Cover type

Index no

Load
[kN]

Weight
[kg]

DO 600 EN 124 H150

274-0400-000

400

145

DO 600 EN 124 H150 ventilated cover

274-0500-000

400

143

DO 600 EN 124 H150 ventilated cover
with damping pad

274-0510-000

400

143

DO 600 EN 124 H150 with damping pad

274-0410-000

400

145

DO 600 EN 124 H150 screwed down cover

274-0430-000

400

146

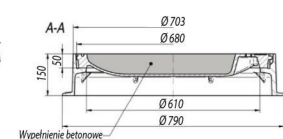
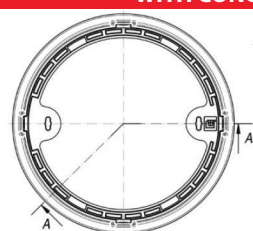
DO 600 EN 124 H150 screwed down cover
with damping pad

274-0420-000

400

146

MANHOLE DO 600 "EN 124" WITH CONCRETE COVER



Cover type

Index no

Load
[kN]

Weight
[kg]

DO 600 EN 124 H150

274-0400-600

400

124

DO 600 EN 124 H150 with damping pad

274-0410-600

400

130

DO 600 EN 124 H150 screwed down cover

274-0430-600

400

125

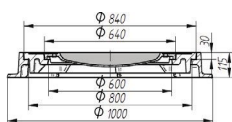
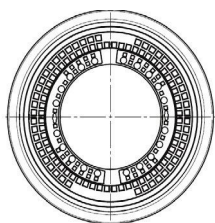
DO 600 EN 124 H150 screwed down cover
with damping pad

274-0420-600

400

125

MANHOLE DN 800, CLASS B125, C250 AND D400 WITH CONCRETE COVER



Cover type

Index no

Load
[kN]

Weight
[kg]

BO 800 H115

202-0380-000

250

202

BO 800 H115 ventilated cover

203-0400-000

250

201

BO 800 H115 screwed down cover

203-0390-000

250

203

BO 800 H115 ventilated cover, screwed down

203-0410-000

250

203

CO 800 H115

202-0480-000

250

202

CO 800 H115 ventilated cover

203-0500-000

250

204

CO 800 H115 screwed down cover

203-0490-000

250

203

CO 800 H115 ventilated cover, screwed down

203-0510-000

250

206

DO 800 H115 screwed down cover

204-1830-000

400

227

DO 800 H115 ventilated cover, screwed down

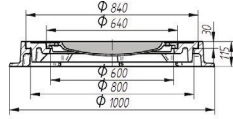
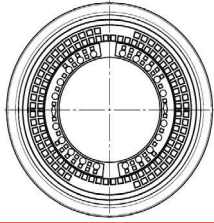
204-1835-000

400

224

MANHOLE COVERS

MANHOLE DN 800, CLASS B125, C250 AND D400 WITH CONCRETE COVER



Cover type

Index no

Load
[kN]

Weight
[kg]

DO 800 H115 screwed down cover

204-1830-000

400

227

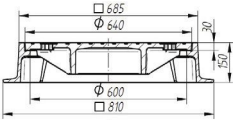
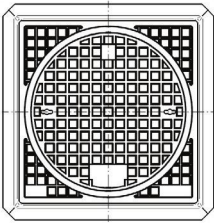
DO 800 H115 ventilated cover, screwed down

204-1835-000

400

224

SQUARE MANHOLES WITH ROUND COVER, CLASS B125, C250 AND D400



Cover type

Index no

Load
[kN]

Weight
[kg]

WKO-B disc cover

202-0030-000

125

141

WKO-B ribbed cover

202-0040-000

125

136

WKO-C disc cover

203-0020-000

250

150

WKO-C ribbed cover

203-0320-000

250

163

WKO-D ribbed cover, screwed down

204-0430-000

125

182

WKO-D disc cover 30/50

204-0440-000

250

173

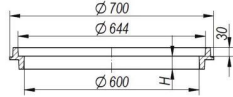
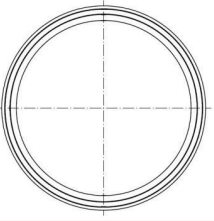
WKO-C ribbed cover 30/50

204-0441-000

250

156

DISTANCE RINGS FOR CLASS B125 - D400 SEWAGE MANHOLES



Cover type

Index no

Load
[kN]

Weight
[kg]

Lifting height H45

205-0000-000

400

25

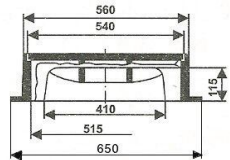
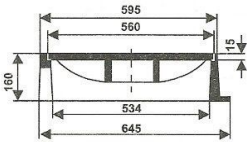
Lifting height H60

205-1000-000

400

30

CURB MANHOLE WITH "G" SIDE INLET



Cover type

Index no

Load
[kN]

Weight
[kg]

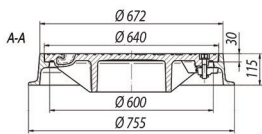
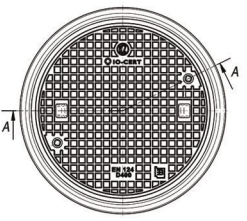
"G" manhole

202-4000-000

150

94,6

CAST IRON "LEAK PROOF" MANHOLE, WITH SCREWED DOWN COVER AND HOLDERS



Cover type

Index no

Load
[kN]

Weight
[kg]

DO 600 H115 "leak proof" screwed down cover with holders

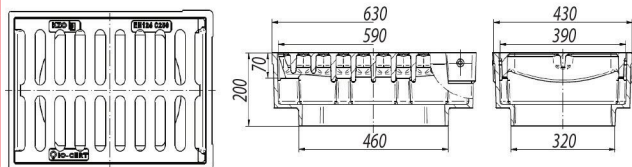
204-0425-000

400

122,0

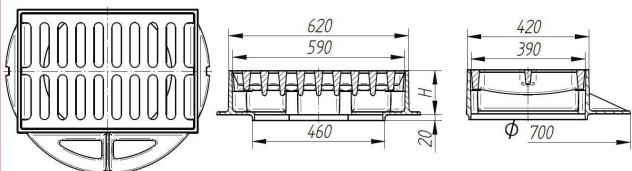
ROAD POINT DRAINAGE

NON-FLANGED POINT DRAINAGE, CLASS C250



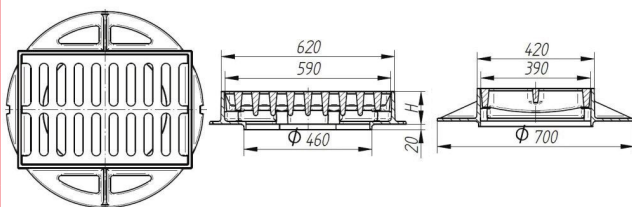
Point drainage type	Index no	Drainage surface [dm ²]	Load [kN]	Weight [kg]
H150	402-1110-000	9,8	250	85
H150 with swing grate	402-1100-000	9,8	250	86

3/4 FLANGED POINT DRAINAGE, CLASS C250



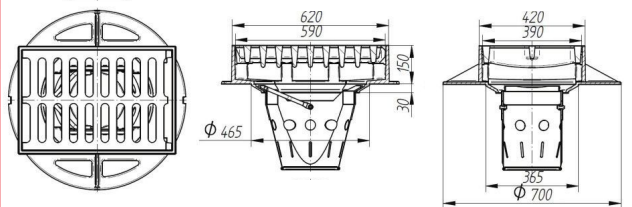
Point drainage type	Index no	Drainage surface [dm ²]	Load [kN]	Weight [kg]
H115	402-4600-000	9,8	250	75
H115 with swing grate	402-4700-000	9,8	250	75
H150	402-1210-000	9,8	250	85
H150 with swing grate	402-1200-000	9,8	250	85

FLANGED POINT DRAINAGE, CLASS C250



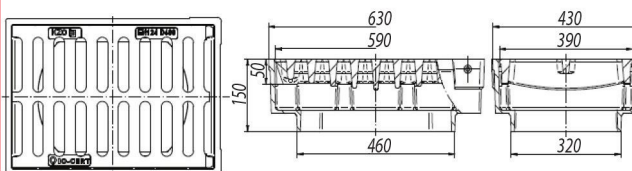
Point drainage type	Index no	Drainage surface [dm ²]	Load [kN]	Weight [kg]
H115	402-4400-000	9,8	250	77
H115 with swing grate	402-4500-000	9,8	250	77
H150	402-1100-000	9,8	250	87
H150 with swing grate	402-1000-000	9,8	250	87

FLANGED POINT DRAINAGE WITH WASTE BASKET, CLASS C250



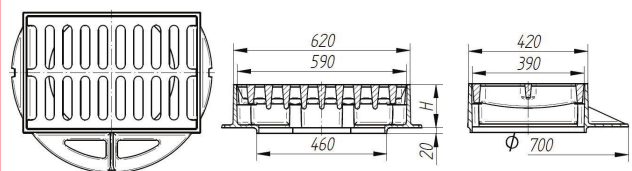
Point drainage type	Index no	Drainage surface [dm ²]	Load [kN]	Weight [kg]
H150	402-5000-000	9,8	250	93
H150 with swing grate	402-5010-000	9,8	250	98
3/4 flange, H150	402-1220-000	9,8	250	88
3/4 flange, H150 with swing grate	402-1230-000	9,8	250	88

NON-FLANGED POINT DRAINAGE, CLASS D400



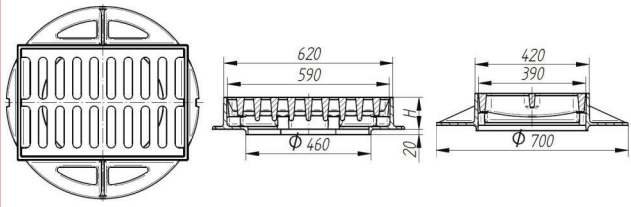
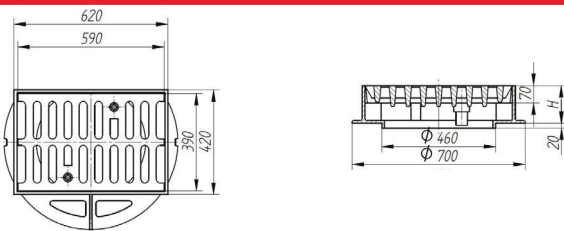
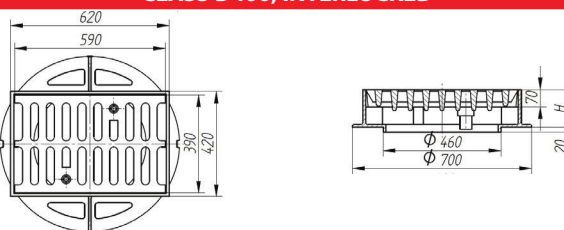
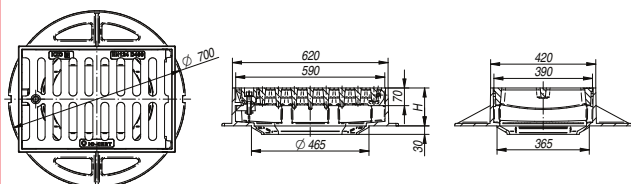
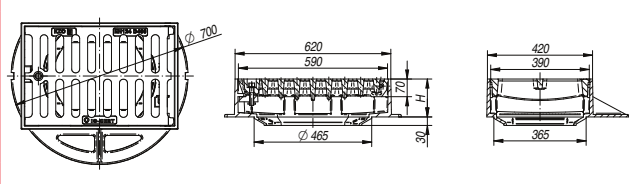
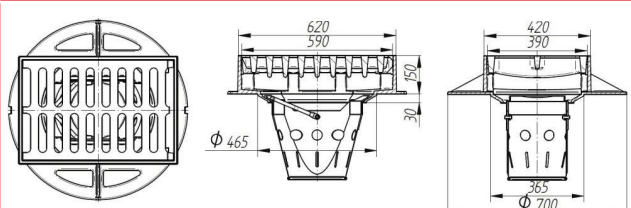
Point drainage type	Index no	Drainage surface [dm ²]	Load [kN]	Weight [kg]
H150	405-1100-500	9,8	400	90
H150 with swing grate	405-1110-500	9,8	400	90

3/4 FLANGED POINT DRAINAGE, CLASS D400

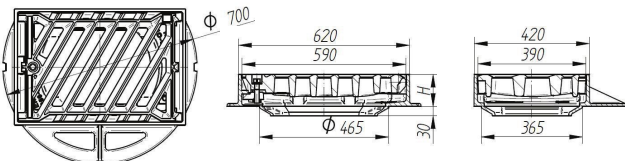
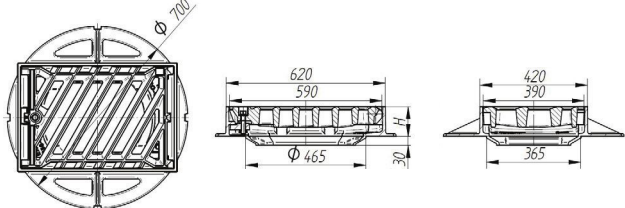
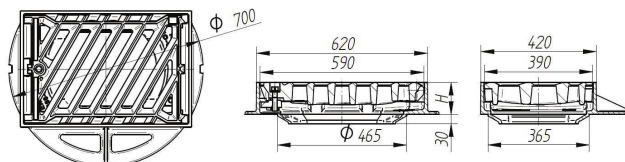
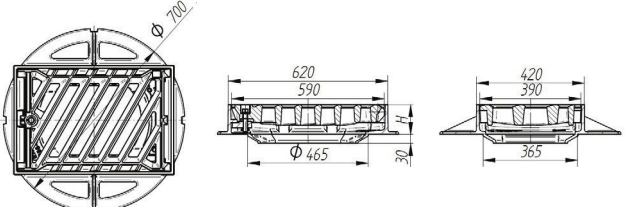
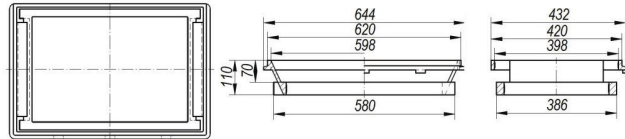
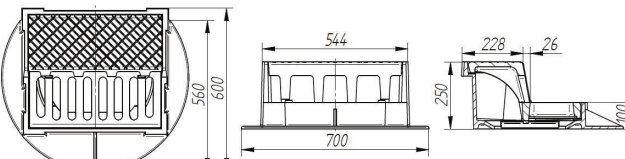


Point drainage type	Index no	Drainage surface [dm ²]	Load [kN]	Weight [kg]
H115	405-4210-500	9,8	400	79
H115 with swing grate	405-9200-500	9,8	400	79
H150	405-1210-500	9,8	400	90
H150 with swing grate	405-9000-500	9,8	400	90

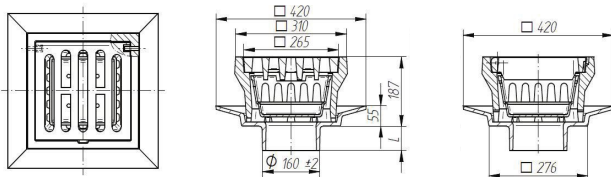
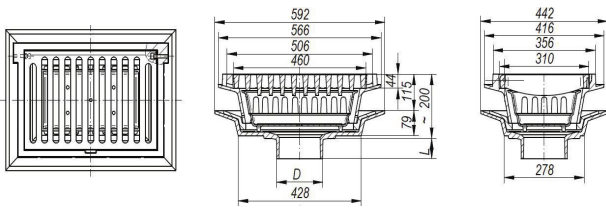
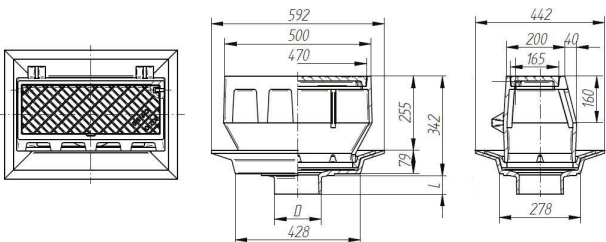
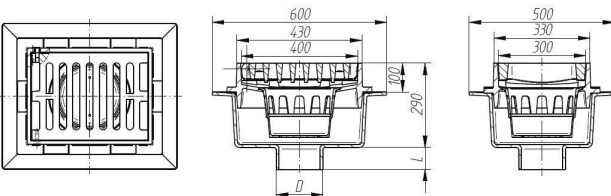
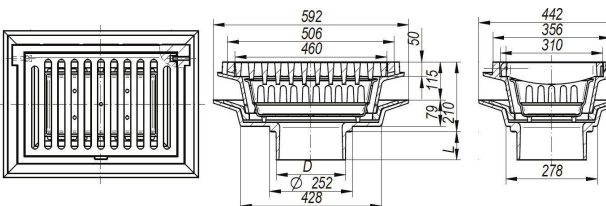
ROAD POINT DRAINAGE

FLANGED POINT DRAINAGE , CLASS D400		Point drainage type	Index no	Drainage surface [dm ²]	Load [kN]	Weight [kg]
		H115	405-4000-500	9,8	400	83
		H115 with swing grate	405-4011-500	9,8	400	83
		H150	405-1000-500	9,8	400	93
		H150 with swing grate	405-1010-500	9,8	400	93
3/4 FLANGED POINT DRAINAGE CLASS D400, INTERLOCKED		Point drainage type	Index no	Drainage surface [dm ²]	Load [kN]	Weight [kg]
		H150	405-9020-500	9,3	400	97
		H115 with swing grate, adjusted to basket	405-1070-560	9,8	400	83
FLANGED POINT DRAINAGE CLASS D400, INTERLOCKED		Point drainage type	Index no	Drainage surface [dm ²]	Load [kN]	Weight [kg]
		H150	405-1020-500	9,3	400	101
FLANGED POINT DRAINAGE, CLASS D400, WITH SWING INTERLOCKED GRATE		Point drainage type	Index no	Drainage surface [dm ²]	Load [kN]	Weight [kg]
		H115	405-1040-550	9,8	400	85
		H115 adjusted to basket	405-1040-500	9,8	400	88
		H150 adjusted to basket	405-1050-500	9,8	400	98
3/4 FLANGED POINT DRAINAGE, CLASS D400, WITH SWING INTERLOCKED GRATE		Point drainage type	Index no	Drainage surface [dm ²]	Load [kN]	Weight [kg]
		H115	405-1070-550	9,8	400	81
		H115 adjusted to basket	405-1070-500	9,8	400	85
		H150 adjusted to basket	405-1060-500	9,8	400	94
FLANGED POINT DRAINAGE, CLASS D400, WITH WASTE BASKET		Point drainage type	Index no	Drainage surface [dm ²]	Load [kN]	Weight [kg]
		H150	405-2000-500	9,8	400	99
		H150 with swing grate	405-2010-500	9,8	400	104
		3/4 flange, H150	405-1220-000	9,8	400	94
		3/4 flange, H150 with swing grate	405-1230-000	9,8	400	94

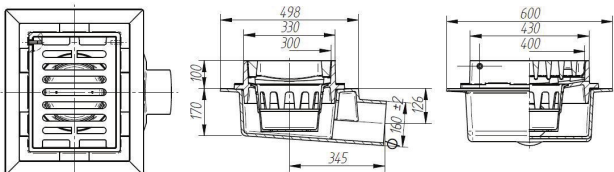
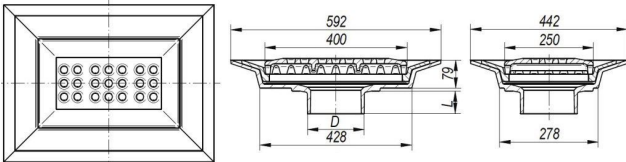
ROAD POINT DRAINAGE

3/4 FLANGED POINT DRAINAGE, TYPE MAX, CLASS C250		Point drainage type	Index no	Drainage surface [dm²]	Load [kN]	Weight [kg]
	H115 with swing grate, interlocked	402-8700-000	10	250	82	
	H150 with swing grate, interlocked	402-8600-000	10	250	91	
FLANGED POINT DRAINAGE, TYPE MAX, CLASS C250		Point drainage type	Index no	Drainage surface [dm²]	Load [kN]	Weight [kg]
	H115 with swing grate, interlocked	402-8800-000	10	250	85	
	H150 with swing grate, interlocked	402-8500-000	10	250	95	
3/4 FLANGED POINT DRAINAGE, TYPE MAX, CLASS D400		Point drainage type	Index no	Drainage surface [dm²]	Load [kN]	Weight [kg]
	H115 with swing grate, interlocked	405-5800-000	10	400	88	
	H150 with swing grate, interlocked	405-5600-000	10	400	97	
FLANGED POINT DRAINAGE, TYPE MAX, CLASS D400		Point drainage type	Index no	Drainage surface [dm²]	Load [kN]	Weight [kg]
	H115 with swing grate, interlocked	405-5700-000	10	400	91	
	H150 with swing grate, interlocked	405-5500-000	10	400	101	
DISTANCE FRAME FOR POINT DRAINAGE, CLASS C250 - D400		Frame type	Index no	Drainage surface [dm²]	Load [kN]	Weight [kg]
	H40	403-0000-000	40	400	24	
CURB-ROADWAY POINT DRAINAGE, CLASS C250		Point drainage type	Index no	Drainage surface [dm²]	Load [kN]	Weight [kg]
	WKJ C250 H250/100	402-9000-000	7,2	250	111	

■ BRIDGE POINT DRAINAGE

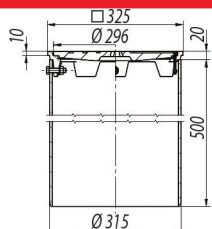
BRIDGE POINT DRAINAGE, CLASS C250 (WM150C)			Point drainage type	Index no	D [mm]	L [mm]	Drainage surface [dm²]	Load [kN]	Weight [kg]
	WM 150C L65	402-0110-001			65	2,7	250	54	
	WM 150C L350	402-0100-000			350	2,7	250	64	
WM1 BRIDGE POINT DRAINAGE, CLASS C250			Point drainage type	Index no	D [mm]	L [mm]	Drainage surface [dm²]	Load [kN]	Weight [kg]
	WM1 150C L65	402-0133-000	160	65	6	250	89		
	WM1 150C L245	402-0130-000	160	245	6	250	92		
	WM1 200C L85	402-0020-000	210	85	6	250	92		
	WM1 200C L250	402-0000-000	210	250	6	250	97		
BRIDGE CURB POINT DRAINAGE, CLASS C250			Point drainage type	Index no	D [mm]	L [mm]	Drainage surface [dm²]	Load [kN]	Weight [kg]
	WMK 150C L65	402-0141-000	160	65	3,7	250	85		
	WMK 150C L245	402-0140-000	160	245	3,7	250	88		
	WMK 200C L85	402-7100-000	210	85	3,7	250	88		
	WMK 200C L250	402-7000-000	210	250	3,7	250	93		
WM BRIDGE POINT DRAINAGE, CLASS D400 (WM150)			Point drainage type	Index no	D [mm]	L [mm]	Drainage surface [dm²]	Load [kN]	Weight [kg]
	WM 150D L75	405-6100-000	160	75	5	400	104		
	WM 150D L245	405-6200-000	160	245	5	400	111		
WM1 BRIDGE POINT DRAINAGE, CLASS D400			Point drainage type	Index no	D [mm]	L [mm]	Drainage surface [dm²]	Load [kN]	Weight [kg]
	WM1 150D L65	402-0150-001	160	65	6	400	95		
	WM1 150D L245	402-0150-000	160	245	6	400	99		
	WM1 200D L85	402-0160-001	210	85	6	400	98		
	WM1 200D L250	402-0160-000	210	250	6	400	103		

■ BRIDGE POINT DRAINAGE

SIDE BRIDGE POINT DRAINAGE, CLASS D400			Point drainage type	Index no	D [mm]	L [mm]	Drainage surface [dm ²]	Load [kN]	Weight [kg]
	WMB 150D	405-6000-000					5	400	104
RAILWAY BRIDGE POINT DRAINAGE, CLASS B125			Point drainage type	Index no	D [mm]	L [mm]	Drainage surface [dm ²]	Load [kN]	Weight [kg]
	OMK 150 L65	402-3070-000			160	65	1,6	125	49
	OMK 150 L245	402-3060-000			160	245	1,6	125	52
	OMK 200 L85	402-3050-000			210	85	1,6	125	51
	OMK 200 L250	402-3000-000			210	250	1,6	125	56

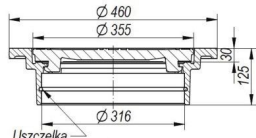
COVERS FOR PLASTIC PIPES

SCREWED DOWN SQUARE COVER, FOR ϕ 315 PIPES



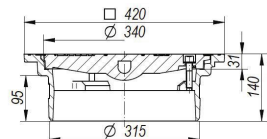
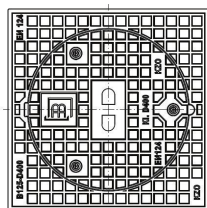
Cover type	Index no	Load [kN]	Weight [kg]
A15 screwed down with 1 bolt	240-0100-000	15	9,9
B125 screwed down with 1 bolt	240-1900-000	125	12,6
A15 screwed down with 1 bolt	2400-0100-010	15	17
B125 screwed down with 1 bolt	2400-1900-010	125	20

ROUND COVER WITH LOCK, FOR ϕ 315 PIPES



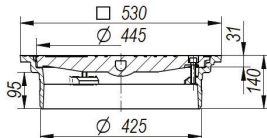
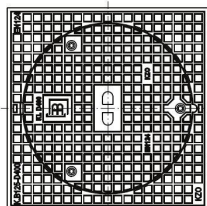
Cover type	Index no	Load [kN]	Weight [kg]
B125 round with lock	202-2020-000	125	40
D400 round with lock	204-3020-000	400	47

SCREWED DOWN SQUARE COVER, FOR ϕ 315 PIPES



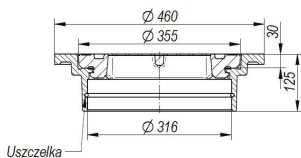
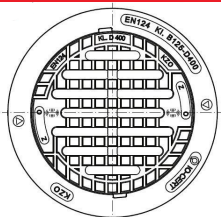
Cover type	Index no	Load [kN]	Weight [kg]
B125 screwed down with 3 bolts	202-2000-000	125	31,5
D400 screwed down with 3 bolts	204-3000-000	400	37,2

SCREWED DOWN SQUARE COVER, FOR ϕ 425 PIPES



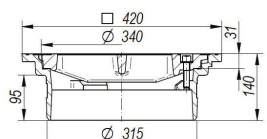
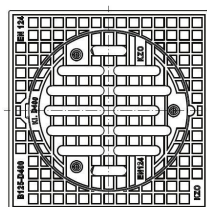
Cover type	Index no	Load [kN]	Weight [kg]
B125 screwed down with 3 bolts	202-3000-000	125	47
D400 screwed down with 3 bolts	204-4000-000	400	53

ROUND INLET WITH LOCK, FOR ϕ 315 PIPES



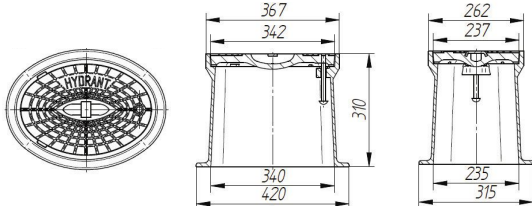
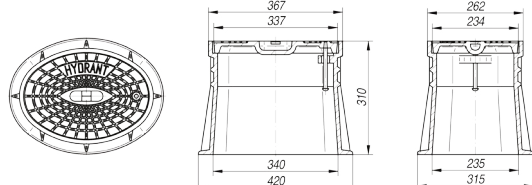
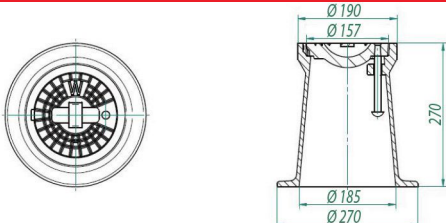
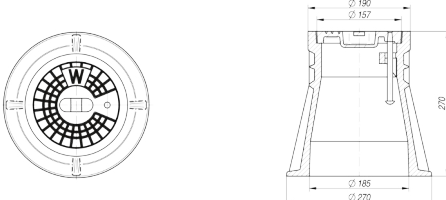
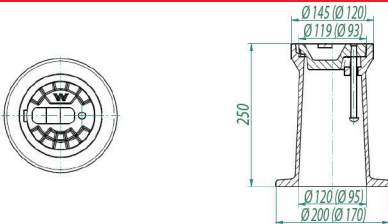
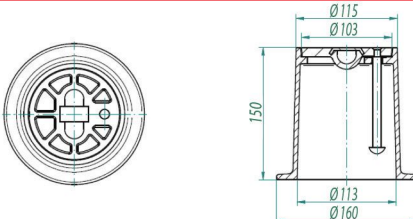
Inlet type	Index no	Load [kN]	Weight [kg]
B125 round with lock	401-2010-000	125	40
D400 round with lock	405-7010-000	400	42,2

ROUND INLET WITH LOCK, FOR ϕ 425 PIPES

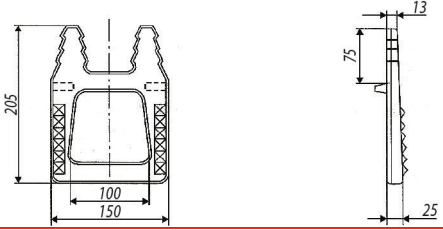
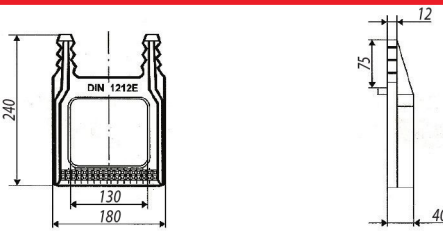
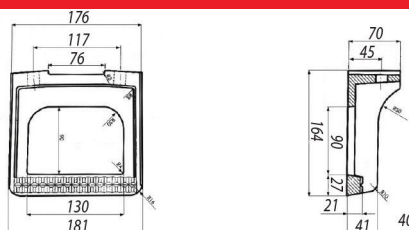
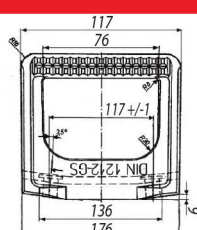
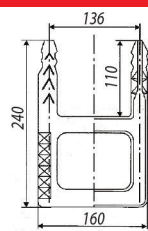
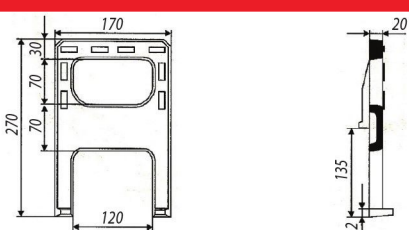


Inlet type	Index no	Load [kN]	Weight [kg]
B125 screwed down with 3 bolts	401-2000-000	125	32,5
D400 screwed down with 3 bolts	405-7000-000	400	35,2

STREET BOXES

STREET BOX 4055		Box type	Index no	Holder/pin material	Weight [kg]
	4055	314-0000-000	stainless steel / steel	26,2	
	DIN 4055/92	314-2000-100	stainless steel	31,0	
STREET BOX 4055 WITH PEHD BODY		Box type	Index no	Holder/pin material	Weight [kg]
	4055	314-8000-000	cast iron / St3S steel	11,2	
STREET BOX 4056		Box type	Index no	Holder/pin material	Weight [kg]
	MOD 4056/38	315-0000-000	stainless steel / steel	11,0	
	DIN 4056/92	315-2000-000	stainless steel	16,4	
	PN-M-74081 BW	315-2000-200	stainless steel	11,0	
STREET BOX 4056 WITH PEHD BODY		Box type	Index no	Holder/pin material	Weight [kg]
	4056	315-8000-000	cast iron / St3S steel	4,2	
STREET BOX 4057		Box type	Index no	Holder/pin material	Weight [kg]
	4057/74	316-1000-000	stainless steel / steel	7,3	
	4057/38	316-0000-000	stainless steel / steel	5,3	
STREET BOX FIG. 149		Box type	Index no	Holder/pin material	Weight [kg]
	Figure 149	330-0000-000	stainless steel / steel	3,5	
	Figure 149	330-0020-000	cast iron/ steel	3,5	

MANHOLE STEPS

DIN 1211	Step type	Index no	Mounting depth [mm]	Construction type	Load [kN]	Weight [kg]
	DIN 1211 E	610-1000-000	75	C*	12	2,3
DIN 1212 E	Step type	Index no	Mounting depth [mm]	Construction type	Load [kN]	Weight [kg]
	DIN 1212 E	610-1100-000	75	D*	12	2,7
D 1212 G	Step type	Index no	Fixing method	Construction type	Load [kN]	Weight [kg]
	D 1212 G	610-2300-000	Screwed down with 2 bolts	D*	12	2,8
DIN 1212 GS	Step type	Index no	Fixing method	Construction type	Load [kN]	Weight [kg]
	DIN 1212 GS	610-2200-000	Screwed down with 2 bolts	D*	12	5,0
ALFA STEP FOR HAMMERING	Step type	Index no	Mounting depth [mm]	Construction type	Load [kN]	Weight [kg]
	ALFA	600-1000-000	110	C*	12	3,3
BETA STEP FOR HAMMERING	Step type	Index no	Mounting depth [mm]	Construction type	Load [kN]	Weight [kg]
	BETA	600-0000-000	135	C*	12	2,9

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