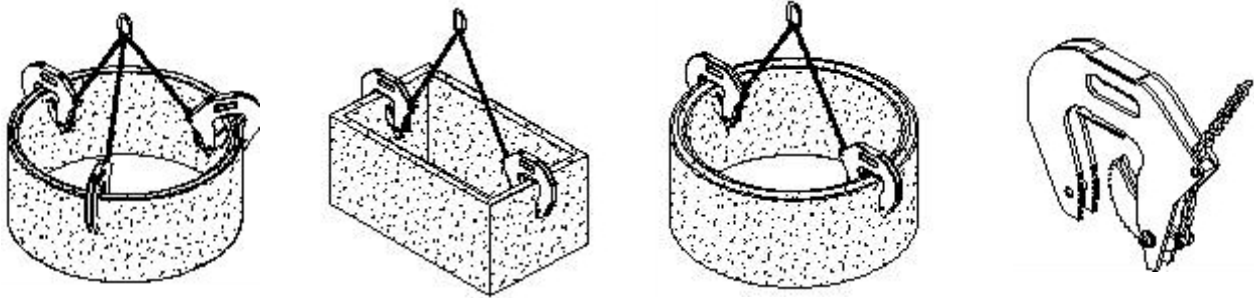


APPLICATIONS

Hooks for lifting circular or rectangular concrete manholes – with their axle vertical.



DESCRIPTION

Hooks fitted with indexed surfaces to ensure a secure gripping of the load, even if a shock load is applied. Their use does not require any adjustment and the positioning is easier thanks to ergonomic handles.

FUNCTIONING

Use in set of 3 with a 3-legged chain sling for handling circular manholes.
Maxi WLL: 1500 kg/ set of 3

Use in pairs with a 2-legged chain sling for handling circular or rectangular manholes.
Maxi WLL: 1000 kg/ pair

Thanks to the handles, position evenly the hooks on the edge of the manhole to be lifted; at 120° from one another (use in set of 3)/ facing each other (use in pairs). Lifting ensures the automatic closing of the hooks and load proportional clamping minimises the damage risk.

WLL (kg)	RB1.5 x 3		RB1.5 x 2	
	1500		1000	
Length of a sling's leg (mm)	1500	2100	1500	2100
Circular manhole Ø (mm)	600 - 2200	1500 - 3000	600 - 2200	1500 - 3000
Manhole length (mm)	x	x	600 - 2200	2200 - 3000
Manhole width (mm)	40 - 110	60 - 110	40 - 110	60 - 110
Chain Ø (mm)	6			
Chain grade	80			

IMPORTANT INSTRUCTIONS

- The slings provided by Tractel Solutions (1500 mm per leg) are adapted to manholes with diameter/ length inferior to 2200 mm.
- In case we do not deliver the chain sling, use a model similar to the one we recommend.
- Use with a set of 3 hooks is recommended for handling circular manholes.
- Use in set of 3: the hooks should be evenly positioned on the edge of the manhole (120° spacing).
- Use in pairs: maxi WLL 1000 kg/ pair ; make sure the hooks are facing each other.
- Do not turn over manholes with those hooks.
- The minimum weight of lifting load should be equal to 5% of the clamp's WLL (eg if clamps WLL is 1000 kg, then minimum weight is 50 kg). This value is given for a clamp in perfect working order and respecting Tractel Solutions SAS conditions of use and recommendations. Consult Tractel in case of loads with weight inferior to the minimum recommended value.
- Lifting clamps are not suitable for creating permanent joints.

- Working temperature: -20° to +100°C.

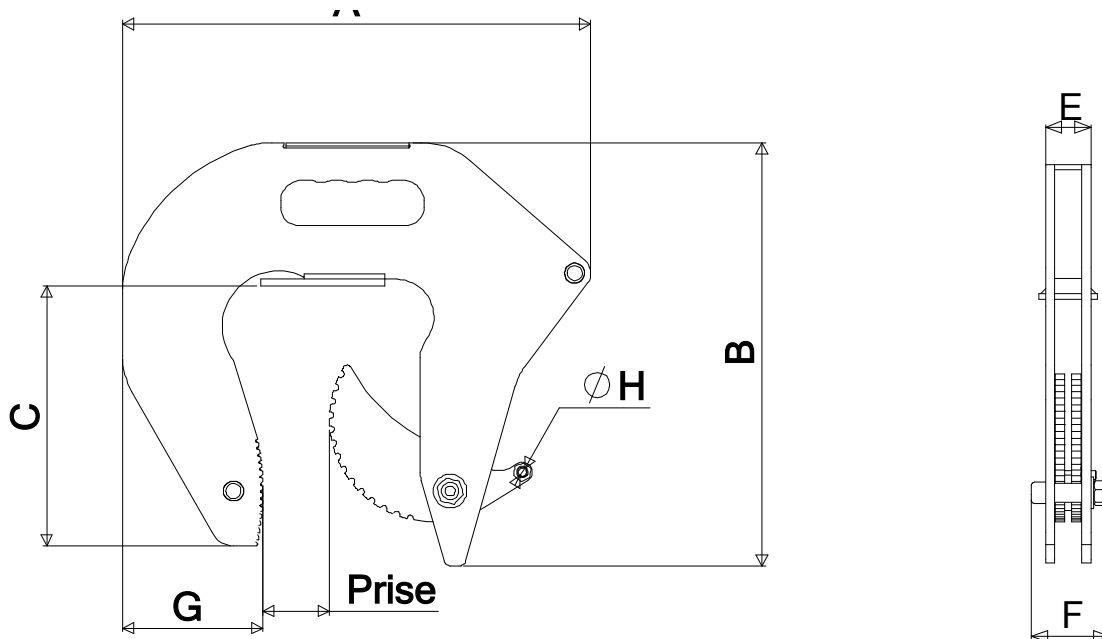
GENERAL CHARACTERISTICS

- Manufactured without load bearing welds.
- Hot epoxy coating.
- Safety factor: 3 in accordance with the EN 13155.2003 norm.
- Product conforms to the French regulation, in particular the decree of 01/03/2004 relating to the check on lifting devices and the European Directive n°98/37.
- Product with EC marking and delivered with a declaration of conformity and instructions for use.

DIMENSIONAL CHARACTERISTICS

Ref.	Group code	Unit WLL kg	Opening		A	B	C	E	F	G	Ø H	I	J	Ø K	Unit weight kg	
			min	max												
RB1,5 40-110	50728	500	40	110	376	340	210	39	67	116	6	X	X	X	9	
RBE 1500	50738	1 500	3-legged chain sling/ L=1500 mm/ Ø 6 mm / grade 80										135	75	18	4.9
RBE1	52468	1 000	2-legged chain sling/ L=1500 mm/ Ø 6 mm/ grade 80										110	60	13	2,7
RB1,5-E-3	54068	1 500	Set of 3 RB1,5 hooks assembled on a 3-legged chain sling												31	
RB1,5-E-2	54078	1 000	Pair of RB1,5 hooks assembled on a 2-legged chain sling												21	

Dimensions in mm



Opening

