



Blafro Heave Arrestor (BFHA-05) dimensions:

Variable	Dimension mm	Comments
TL	14220	Blafro Transportation Length
Lt	19210	Blafro in max extended position
Lx	13965	Blafro in collapsed position
S	5245	Max stroking length
L	13395	Length between top of outer tube (gland) and FMC union Nut (bottom end)
Lo	6800	Length outer tube incl. gland and lower coupling
Lc	6415	Length of Protection cover
Le	3300	Length of Extension cover
Lg	700	Length stickup above protection cover to top of gland
Lp	6595	Length of Pup-joint with FMC Union Nut
Ly	2980	Length stick out Pup-Joint
D1	505	Diameter of Top Flange (7 1/16"-15K BX-156 Flange API)
D2	765	Outer diameter Hydraulic lock protection cover
D3/d3	224/173,6	Inner tube (piston rod) OD/ID
D4/d4	355,6/270	Outer tube (cylinder) OD/ID
Dc	485	Outer diameter Protection cover
De	410	Outer diameter Extension cover
Dp	221	Pup-joint 8 5/8" Hydril 563-68 lb/ft

Key:

- A Top flange (Interface to SFT)
- B Hydraulic Lock
- C Inner tube (piston rod)
- D Top of Gland
- E Piston
- F Protection Cover
- G Outer tube
- H X-over Stub ACME to 8 5/8" Hydril
- I Lower Extension Cover
- J Pup-Joint (hydril pin in both end)
- K FMC Union Nut (Interface to Riser)

Material in accordance to NACE Standard MR0175 – **Sour Service**
 Material on BFHA main parts $S_y = 80\text{ksi} = 551.58\text{Mpa}$
 Material on Protection/ Extension Cover $S_y = 355\text{Mpa}$

Blafro Heave Arrestor Total Weight Approx. 6.900kg

Item j & K will be modified to fit VG