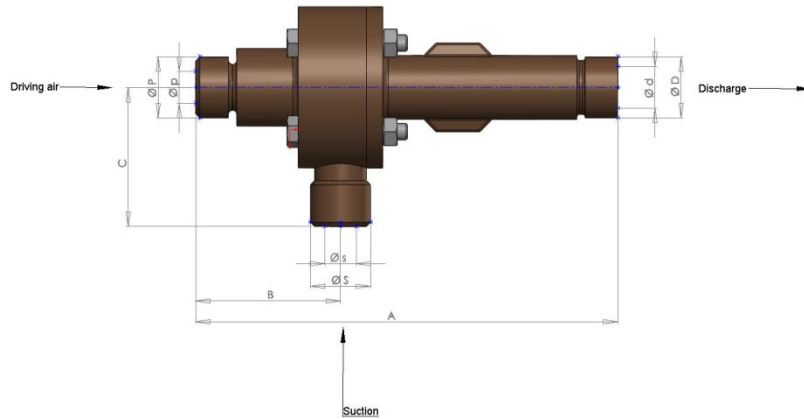


## P-type Ejectors – Dimensions & weights

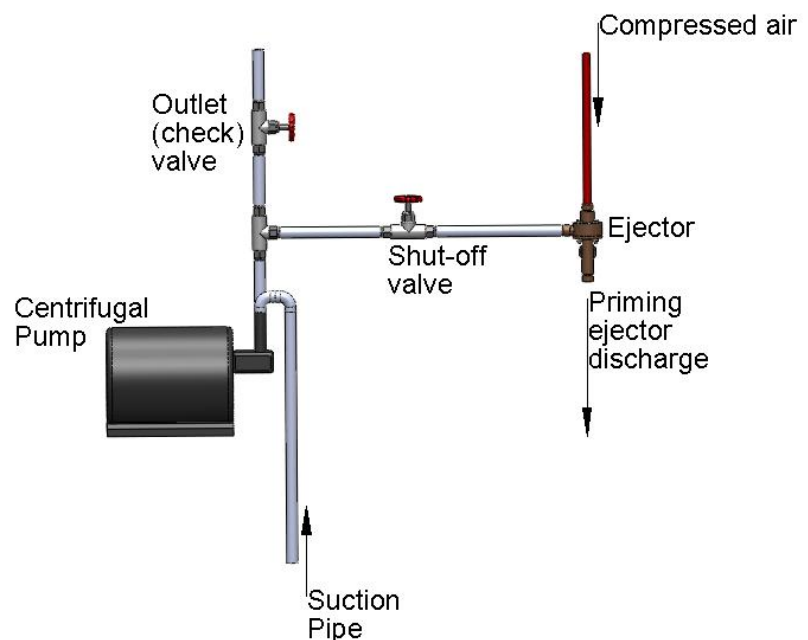
P-type ejectors are used for priming of non-self priming centrifugal pumps. These ejectors are motivated by compressed air.

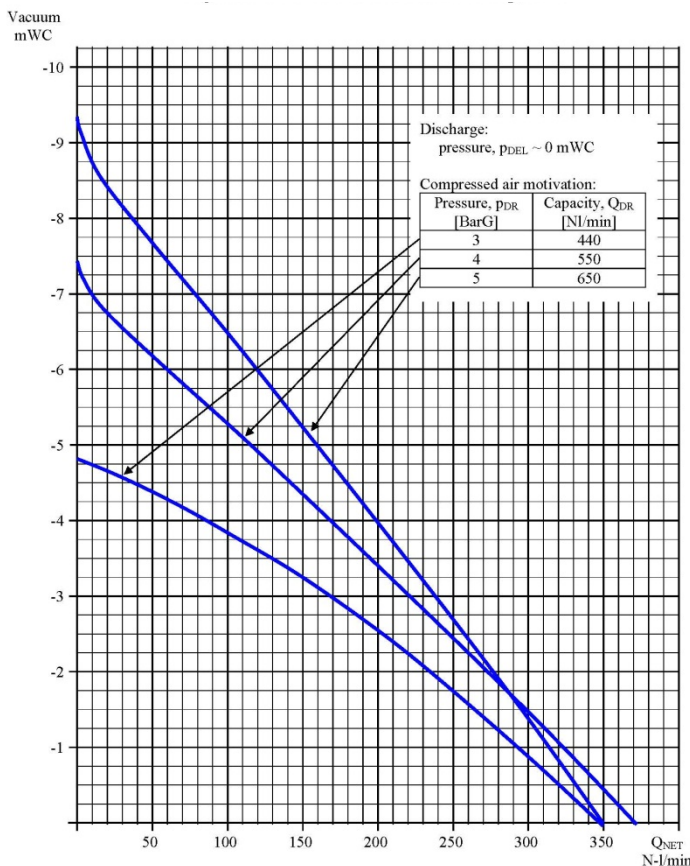


Ejector type	A	B	C	øp	øP	øS	øS	ød	øD	Kgs
½" Priming	154,5	53	50	½" BSP		½" BSP		½" BSP		1
¾" Priming	221	55	56	½" BSP		¾" BSP		1¼" BSP		2,15
1" Priming	302	82,5	100	1" BSP		1" BSP		1" BSP		6,1

Preferably, the priming suction connection should be situated above the centrifugal pump, or if this is not possible, on the pump casing, ensuring the best possible filling of the impeller.

When priming, the discharge piping must be shut off to enable the priming ejector to build up vacuum. Upon starting up the centrifugal pump the priming ejector pipe must be shut off to prevent leakage through the ejector and the main discharge valve must be opened. The latter can be automated by using a check valve.

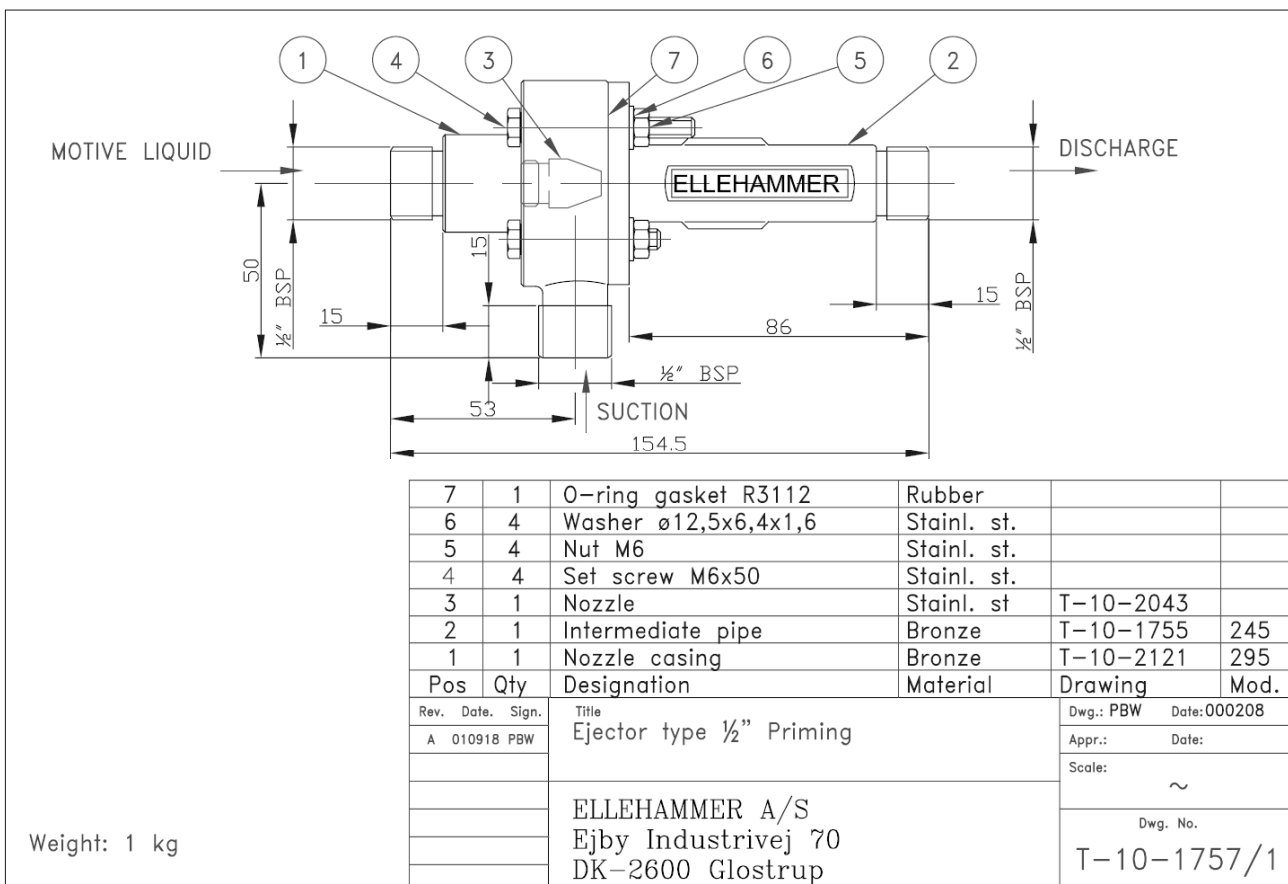


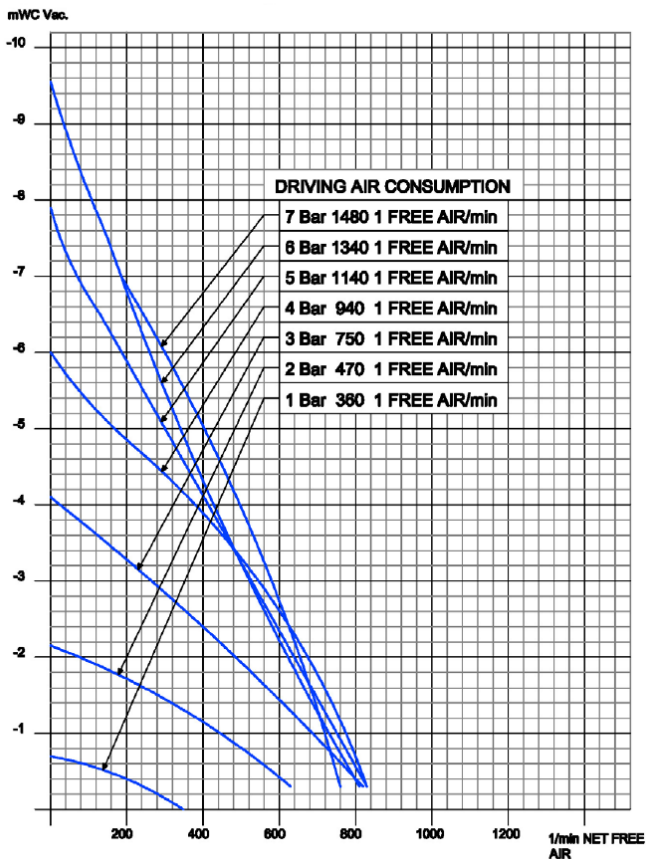


## Ejector Performance Diagram - 1/2 inch priming unit Air motivated

The following performance diagram shows the capabilities of the ejector at different operating pressure. When activating the ejector it will perform from 0 mWC vacuum up to -9 mWC vacuum. Therefore the ejector will have high gas consumption at startup, which decreases as the vacuum increases.

For guidance only Performance curve 30

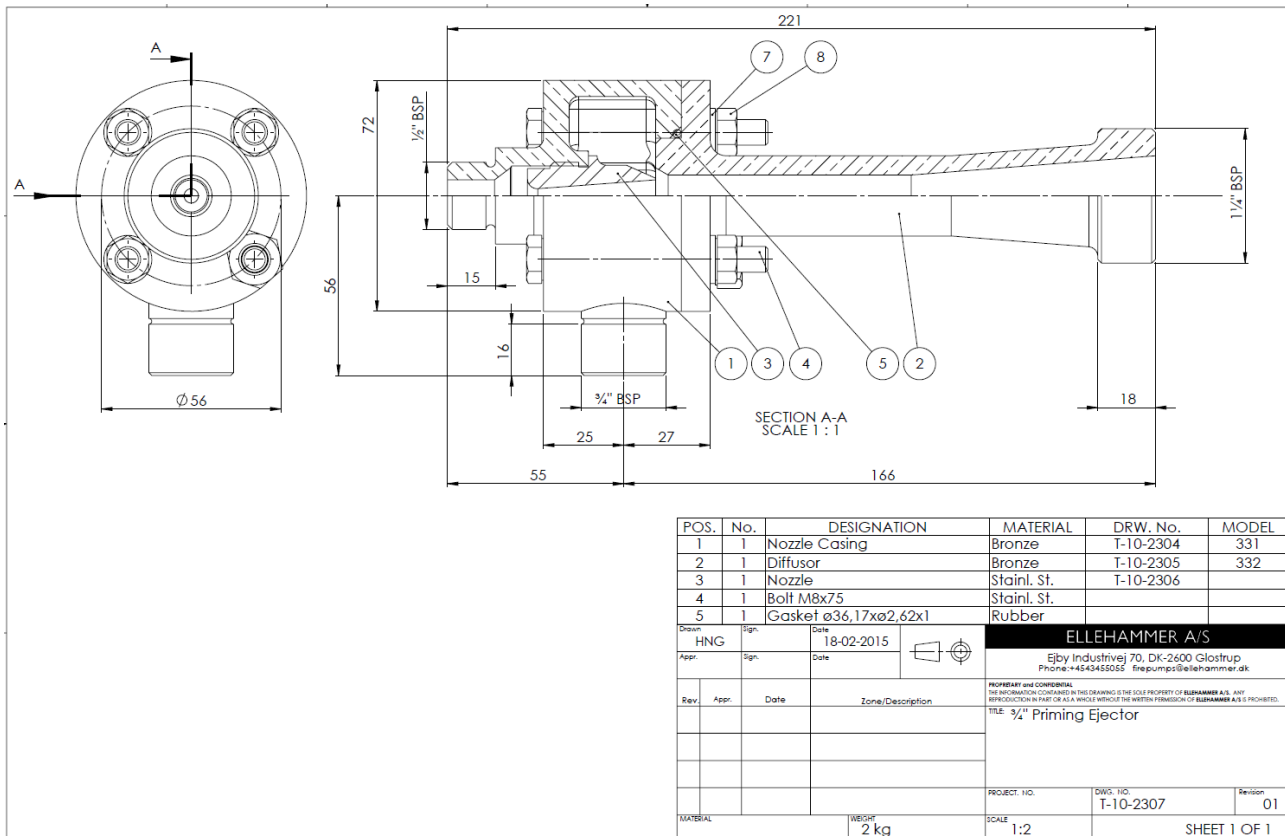


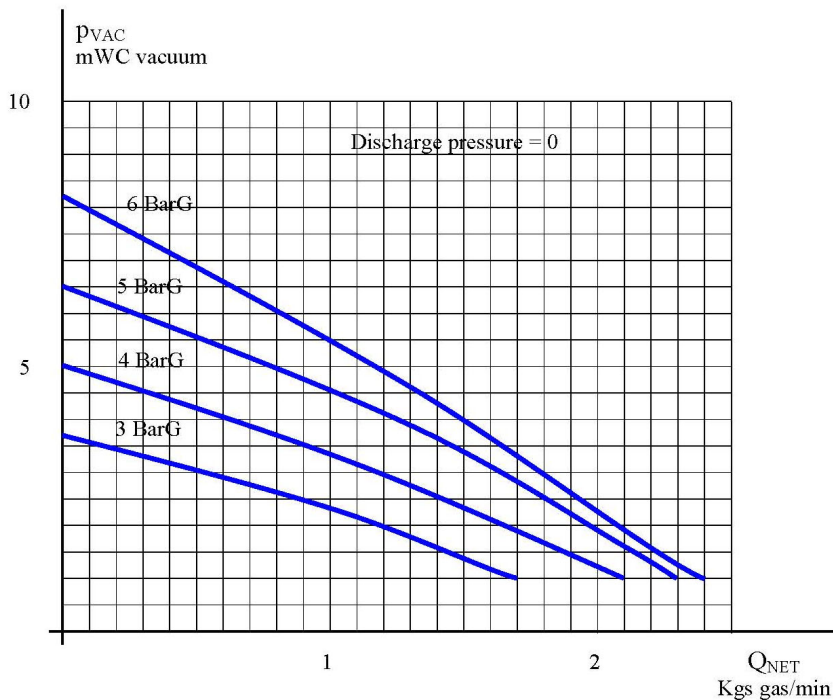


## Ejector Performance Diagram – 3/4 inch priming unit Air motivated

The following performance diagram shows the capabilities of the ejector at different operating pressure. When activating the ejector it will perform from 0 mWC vacuum up to -9 mWC vacuum. Therefore the ejector will have high gas consumption at startup, which decreases as the vacuum increases.

For guidance only Performance curve 31





## Ejector Performance Diagram - 1 inch priming

### Air motivated

The following performance diagram shows the capabilities of the ejector at different operating pressure. When activating the ejector it will perform from 0 mWC vacuum up to 8 mWC vacuum. Therefore, the ejector will have high gas consumption at startup, which decreases as the vacuum increases.

### For guidance only Performance curve 32

