

C.M.T. CIP NOZZLE HF PA - High flow pneumatic

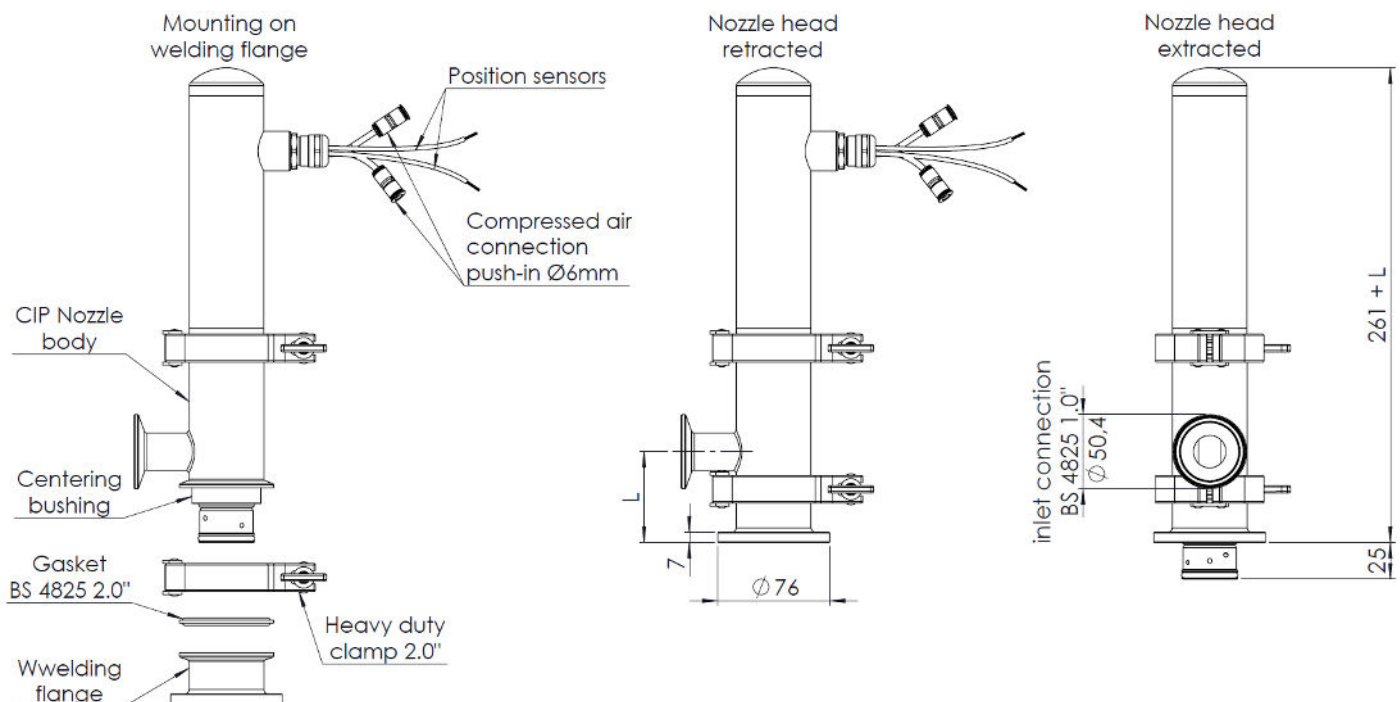
The CMT HF PA CIP nozzle is a high impact pneumatic actuated cleaning nozzle in sanitary design. The retractable flush design guarantees a less invasive solution compared to the standard static spray balls. Moreover, the rotating nozzle head creates the perfect pattern for an efficient cleaning procedure.

CMT HF PA CIP Nozzle main features:

- Open and close by compressed air;
- Self-lubricating with cleaning media;
- Active impact radius 2.5 meters;
- Wetting radius up to 4.0 meters;
- Blind spot less than 60°;
- Standard material AISI 316L;
- Welding flange flush with the adjacent areas;
- 3G/3D ATEX certificate available;
- Material certificates 2.2 or 3.1 available;
- Variable stroke length available (see tab below).

Variant	L [mm]
-L62	62
-L85	85
-L140	180
-L160	160
-L190	190
-L250	250

Please note, customised length, inlet connection or design can be manufactured on request.



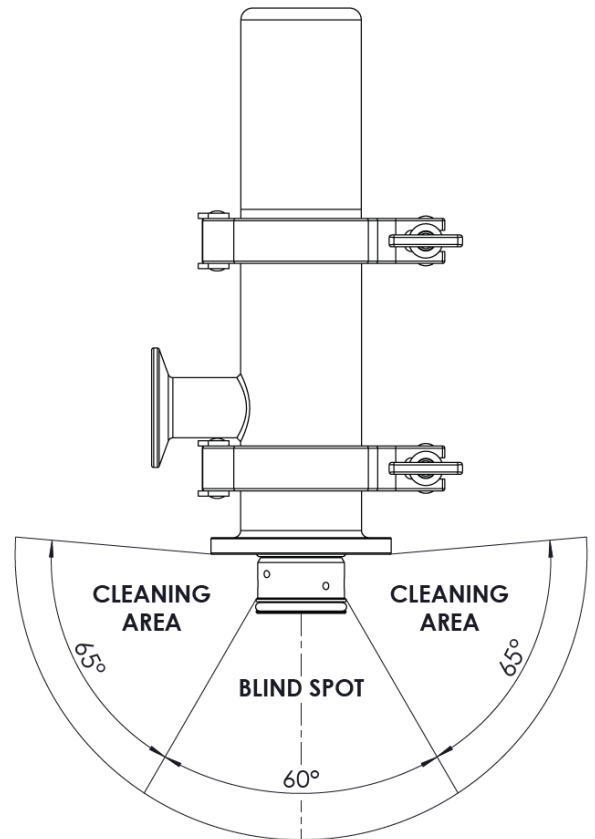
Technical Specifications

Cleaning Radius	2.5 m
Wetting Radius	4.0 m
Max working temperature	120° C
Max ambient temperature	150° C
Weight	4 Kg approx.

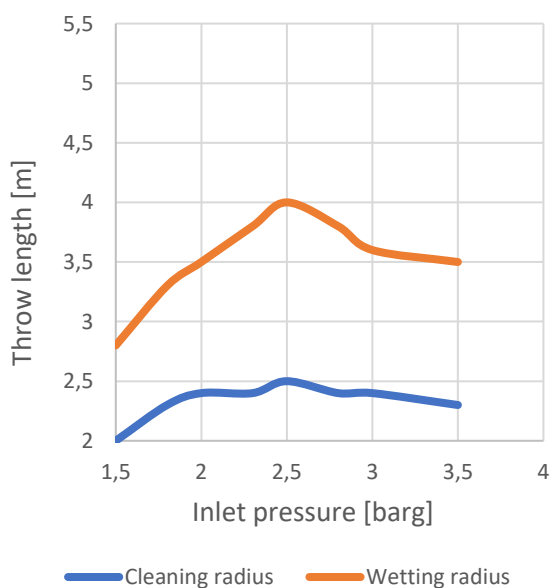
Liquid supply pressure	2 – 4 bar
Recommended pressure	2.5 bar
Liquid flow	4 m ³ /h at 2.5 bar
Air pressure for pneumatic cylinder	5 – 7 bar

Materials	Product Area	AISI 316L – standard As option: Hastelloy C-276
	Non product Area	AISI 316L - standard
	Spray head	PTFE
	Gaskets	Viton / EPDM - standard

Surface Treatment	Product contact parts	Ra 0.8 micron
	Non product contact parts	Ra 1.6 micron



CIP Nozzle HF PA
Cleaning radius vs inlet pressure behaviour



CIP Nozzle HF PA
Flow rate vs inlet pressure behaviour

