

OUTLET POINT 503 for cutting machines



Outlet point with integrated gas filters for cutting machines with fuel gas, heating gas and cutting oxygen.

Benefits

- inlet with fittings
- reliable filtering performance increases service life of downstream fittings and equipment by gas filter 622 (40 µm)
- ball valve in inlet signals clearly position OPEN / CLOSED respectively gas flow / gas stop
- with safety device 85-10, against reverse gas flow and flashbacks according to DIN EN ISO 5175-1
- quick and easy wall mounting
- compact design on nickel plated square tube
- completely mounted and tested

Operation / Usage

Outlet points at the end of gas supply, verified with local required consumption rate.
Applicable for cutting machines.
Outlet points will be supplied in standard program or special design.

Assembly

Nickel plated square tube. For withdrawal of:

1x Acetylene

inlet: soldering end 21.3 mm,
ball valve DN 10,
gas filter 622,
pressure regulator for outlet point,
safety device 85-10,
outlet: G 3/4 LH male with cone

1x Heating Oxygen

inlet: pipe coupler for copper- or stainless steel tube 15x1,
ball valve DN 10,
gas filter 622,
pressure regulator for outlet point,
safety device 85-10,
outlet: G3/4 RH male

1x Cutting Oxygen

inlet: pipe coupler for copper- or stainless steel tube 15x1,
ball valve DN 10,
gas filter 622,
pressure regulator for outlet point,
safety device 85-10,
outlet 3/4 RH male with cone

completely mounted and tested
Other connections available on request



Approvals

Company certified according to ISO 9001

Designed for Oxygen Service in accordance with EIGA 13/20 and CGA G-4.4: Oxygen Pipeline and Piping Systems

Cleaned for Oxygen Service in accordance with EIGA 33/18 and CGA G-4.1: Cleaning of Equipment for Oxygen Service

Technical Data				
Gases		Acetylene (A)	Heating Oxygen (O)	Cutting Oxygen (O)
Order-No.		280030091		
p_v max.	[bar]	1.5	16	16
p_H max. (static)	[bar]	0 – 1.5	0 – 10	0 – 20
Q max. (at $p_H=1,5$ bar)	[m ³ /h]	4.5	–	–
Q max. (at $p_H=10$ bar)	[m ³ /h]	–	46	60
Q max. (at $p_H=20$ bar)	[m ³ /h]	–	–	75
Connections				
Inlet		soldering nipple 21.3 mm	pipe coupler 15x1 mm	
Outlet	Male with cone	G 3/4 LH	G 3/4 RH	
Dimensions				
Height	[mm]	530		
Width	[mm]	780		
Depth	[mm]	115		
Weight	[kg]	15		