



SOLUTIONS FOR GASES



## OVERVIEW PRODUCTS AND PRICES

# PRICE LIST 2022

**+ 3.5%** to be added to the prices stated effective from 01.05.2024

GAS SAFETY ENGINEERING · GAS MANIFOLD SYSTEMS · GAS MIXERS  
AUTOGENOUS ENGINEERING · FLAME SPRAYING

# IBEDA PRODUCT GROUPS

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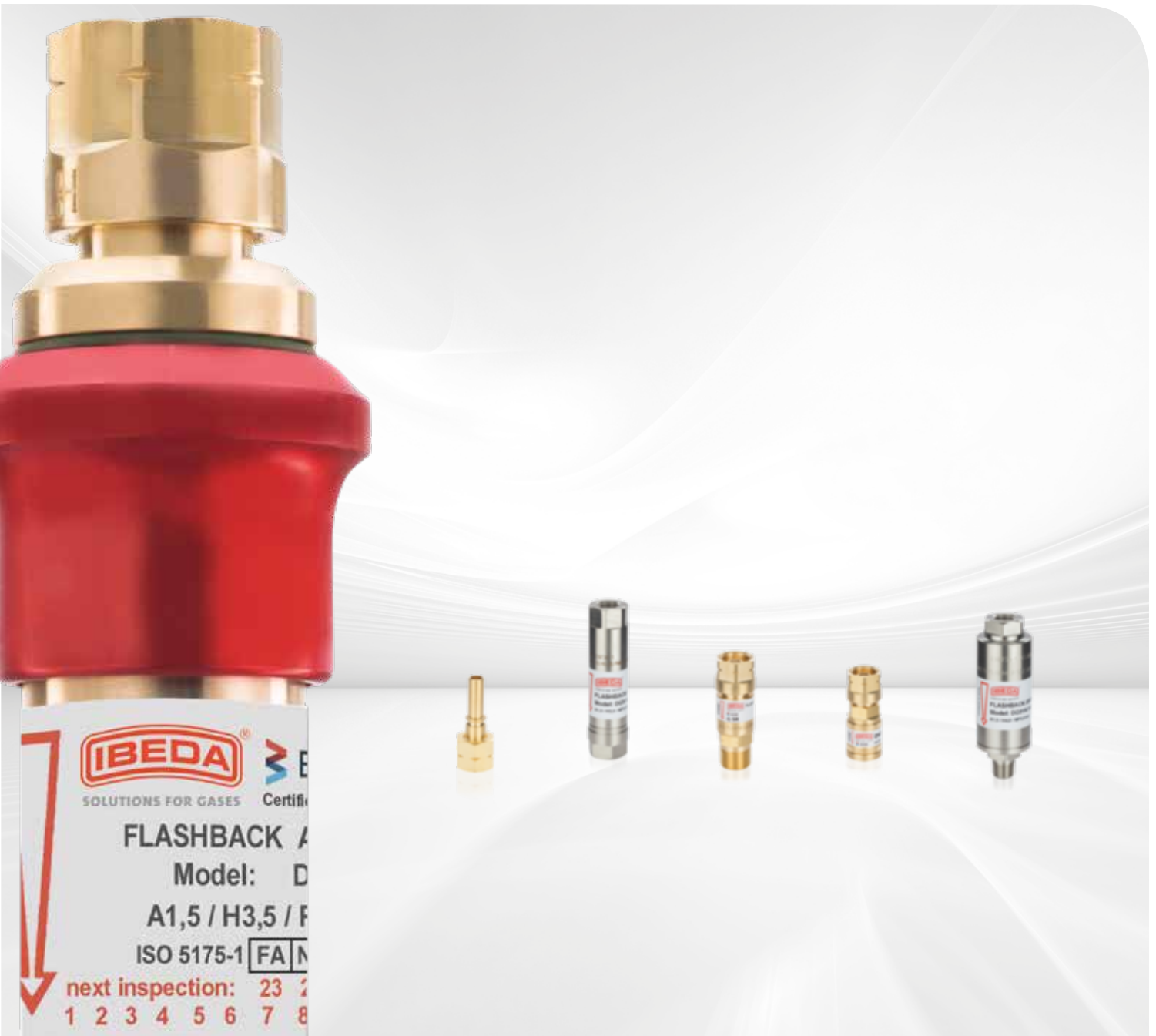
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THE WHOLE WORLD OF  
**GAS SAFETY ENGINEERING**



# IBEDA TECHNIQUE

## OVERVIEW

### TECHNICAL DATA

Types	SR	SRT	DG	DGN	DGNDK	DS1000	DEMAX 5N	DG91	DG91N	DS2000	DG91NH	SIMAX 3N	SIMAX 5N	SIMAX 8N	GT	TT	GG	GDK	DKST	DKSG	DGU	DGNU	DG91UA
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Approval	SR	SRT	DG	DGN	DGNDK	DS1000	DEMAX 5N	DG91	DG91N	DS2000	DG91NH	SIMAX 3N	SIMAX 5N	SIMAX 8N	GT	TT	GG	GDK	DKST	DKSG	DGU	DGNU	DG91UA
ISO 5175-1	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
BAM	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
UL	x	x	x	x	x		x	x	x	x		x	x	x			x			x	x	x	x
SABS	x	x	x	x	x	x	x	x	x	x		x	x	x									
EAC			x	x									x	x									

(ISO 5175-1)	SR	SRT	DG	DGN	DGNDK	DS1000	DEMAX 5N	DG91	DG91N	DS2000	DG91NH	SIMAX 3N	SIMAX 5N	SIMAX 8N	GT	TT	GG	GDK	DKST	DKSG	DGU	DGNU	DG91UA
NV (Gas non-return valve)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
FA (Flame arrestor)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
TV (Thermal cut-off valve)		x		x	x	x	x		x	x	x	x	x	x								x	
PV (Pressure sensitive cut-off valve)						x				x													

Coupling (EN561)	SR	SRT	DG	DGN	DGNDK	DS1000	DEMAX 5N	DG91	DG91N	DS2000	DG91NH	SIMAX 3N	SIMAX 5N	SIMAX 8N	GT	TT	GG	GDK	DKST	DKSG	DGU	DGNU	DG91UA
SV (Gas shut-off valve)					x														x	x			
QAC (Quick-action coupling)					x														x	x			

Technical data	SR	SRT	DG	DGN	DGNDK	DS1000	DEMAX 5N	DG91	DG91N	DS2000	DG91NH	SIMAX 3N	SIMAX 5N	SIMAX 8N	GT	TT	GG	GDK	DKST	DKSG	DGU	DGNU	DG91UA
Diameter (mm)	19,5	19,5	22	22	22	35	65	32	32	46	32	88	88	122	19,5	19,5	19,5	19,5	19,5	19,5	19,5	19,5	32
Length (mm)	60	60	84	84	116	110	111	107	107	123	107	165	165	174	69	75	56	85	85	74	69	69	128
Weight of brass product (g)	91	93	147	153	213	252	1269	348	375	491	375	3300	3890	8230	73	60	82	89	129	128	110	112	437
Brass	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Stainless steel			x	x			x	x	x		x												

Working pressure (bar)	SR	SRT	DG	DGN	DGNDK	DS1000	DEMAX 5N	DG91	DG91N	DS2000	DG91NH	SIMAX 3N	SIMAX 5N	SIMAX 8N	GT	TT	GG	GDK	DKST	DKSG	DGU	DGNU	DG91UA
Acetylene	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	2,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5
Propane/Butane	4,0	5,0	5,0	5,0	5,0	5,0	5,0	5,0	5,0	5,0	10,0	5,0	5,0	5,0	4,0	4,0	4,0	4,0	4,0	4,0	5,0	5,0	5,0
Natural gas	4,0	5,0	5,0	5,0	5,0	5,0	5,0	5,0	5,0	5,0	10,0	5,0	5,0	5,0	4,0	4,0	4,0	4,0	4,0	4,0	5,0	5,0	5,0
Hydrogen	3,5	3,5	3,5	3,5	3,5	3,5	3,0	4,0	4,0	4,0	9,0	-	-	-	3,5	3,5	3,5	4,0	3,5	3,5	2,5	3,0	4,0
Oxygen	25	25	25	25	20	15	25	25	25	15	15	25	25	25	20	20	25	20	20	20	25	25	25
Compressed air	25	25	25	25	-	15	25	25	25	15	15	25	25	25	20	20	25	-	-	-	25	25	25



SCAN AND WATCH  
VIDEO / ANIMATION  
FLASHBACK ARRESTORS



## APPLICATION

Types	SR	SRT	DG	DGN	DGNDK	DS1000	DEMAX 5N	DG91	DG91N	DS2000	DG91NH	SIMAX 3N	SIMAX 5N	SIMAX 8N	GT	TT	GG	GDK	DKST	DKSG	DGU	DGNU	DG91UA	
Application																								
Welding 0,5–14 mm	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Welding 0,5–30 mm			■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Heating 0,5–14 mm	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Heating 0,5–30 mm			■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Heating 30–50 mm			■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Heating 50–100 mm							■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Heating > 100 mm							■					■	■	■										■
Flame cutting up to 60 mm	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Flame cutting 3–200 mm			■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Flame cutting 50–700 mm							■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Flame cutting > 700 mm							■					■	■	■										■
Flame scarfing 50–200 mm			■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Flame scarfing 200–500 mm							■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Flame scarfing - 5 flames							■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Brazing consumption 4000 l/h			■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Brazing consumption 12000 l/h							■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Brazing consumption > 12000 l/h							■					■	■	■										■
Flame spraying							■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

- for cylinder regulators or tapping points
- for torches/cutting machines
- for torches/cutting machines and for cylinder regulators or tapping point

	Conversion factor		Air flow rate of DIN couplings in Nm <sup>3</sup> /h	
Air	1,00	1,0 bar = 0,1 Mpa	Inlet pressure in Mpa (bar)	DKT; DKG; DKD; DKT-W; DKG-W; DKD-W
Acetylene	1,20	1,0 bar = 100 kPa	0,03 (0,3)	8,5
Butane	0,86	1,0 bar = 14,28 Psi	0,06 (0,6)	13,0
Natural gas	1,25		0,09 (0,9)	16,3
Methane	1,40	1,0 m <sup>3</sup> = 1,31 cu.yd	0,12 (1,2)	19,0
Propane	0,90	1,0 m <sup>3</sup> = 35,32 cu.ft	0,15 (1,5)	21,5
Oxygen	0,95		0,25 (2,5)	30,0
Hydrogen	* 3,80		1,0 (10,0)	105,0
Ethene	1,02		2,0 (20,0)	160,0

Further data	
Opening pressure of the gas non-return valve	40 + 20 mbar
Melting point of the thermal cut-off valve	130 + 20 °C
Triggering pressure of the pressure sensitive cut-off valve	< 1200 mbar

\* Conversion factor 2,5 for devices comprising a flame arrestor. The conversion factor for free flow is 3,8.  
 (Reference: BAM research report 220, D. Lietze)

# GAS SAFETY ENGINEERING

## FLASHBACK ARRESTOR **SRT AND SR (ISO 5175-1)**



**SRT:** Welding up to 14 mm  
Cutting up to 60 mm  
Heating up to 14 mm

**NV FA TV**

**SR:** Welding up to 14 mm  
Cutting up to 60 mm  
Heating up to 14 mm

**NV FA**

		Art. No.	Price	PG
Oxygen	G 3/8 RH	3000-0228	30,38 €	130
Fuel Gas	G 3/8 LH	3000-0227	30,38 €	130
Oxygen	UNF9/16 RH	3000-0396	30,38 €	130
Fuel Gas	UNF9/16 LH	3000-0417	30,38 €	130
Oxygen	G 3/8 RH	3000-0232	25,06 €	129
Fuel Gas	G 3/8 LH	3000-0231	25,06 €	129
Oxygen	UNF9/16 RH	3000-0567	25,06 €	129
Fuel Gas	UNF9/16 LH	3000-0569	25,06 €	129

## FLASHBACK ARRESTOR **DGN (ISO 5175-1)**



Welding up to 30 mm  
Cutting up to 200 mm  
Heating up to 50 mm

**NV FA TV**

		Art. No.	Price	PG
Oxygen	G 3/8 RH	3000-0183	34,59 €	122
Fuel Gas	G 3/8 LH	3000-0181	34,59 €	122
Oxygen	UNF9/16 RH	3000-0349	34,59 €	122
Fuel Gas	UNF9/16 LH	3000-0350	34,59 €	122
Oxygen	M16X1,5RH	3000-0405	34,59 €	122
Fuel Gas	M16X1,5LH	3000-0404	34,59 €	122
Oxygen	1/4 NPT	3000-1253	60,86 €	122
Fuel Gas	1/4 NPT	3000-1252	60,86 €	122

## FLASHBACK ARRESTOR **DG (ISO 5175-1)**



Welding up to 30 mm  
Cutting up to 200 mm  
Heating up to 50 mm

**NV FA**

		Art. No.	Price	PG
Oxygen	G 3/8 RH	3000-0190	31,04 €	123
Fuel Gas	G 3/8 LH	3000-0191	31,04 €	123
Oxygen	UNF9/16 RH	3000-0690	31,04 €	123
Fuel Gas	UNF9/16 LH	3000-0689	31,04 €	123
Oxygen	M16X1,5RH	3000-0692	31,04 €	123
Fuel Gas	M16X1,5LH	3000-0443	31,04 €	123

## FLASHBACK ARRESTOR **DG91N (ISO 5175-1)**



Welding up to 30 mm  
Cutting up to 700 mm  
Heating up to 100 mm

**NV FA TV**

		Art. No.	Price	PG
Oxygen	G 3/8 RH	3000-0366	76,16 €	124
Fuel Gas	G 3/8 LH	3000-0367	76,16 €	124
Oxygen	UNF9/16 RH	3000-0694	76,16 €	124
Fuel Gas	UNF9/16 LH	3000-0693	76,16 €	124
Oxygen	M16X1,5RH	3000-1222	76,16 €	124
Fuel Gas	M16X1,5LH	3000-1221	76,16 €	124
Oxygen	G 1/2 RH	3000-0556	85,03 €	124
Fuel Gas	G 1/2 LH	3000-0197	85,03 €	124

## FLASHBACK ARRESTOR **DG91NH (ISO 5175-1)**



For higher working pressures  
Acetylene 2,5 bar,  
Hydrogen 10 bar,  
Propane/Methane 10 bar

**NV FA TV**

		Art. No.	Price	PG
Fuel Gas	G 3/8 LH	3000-0375	92,57 €	124
Fuel Gas	G 1/2 LH	3000-0953	113,03 €	124

### FLASHBACK ARRESTOR *DGN-VA (ISO 5175-1)*



Made of stainless steel

Welding up to 30 mm  
Cutting up to 200 mm  
Heating up to 50 mm

**NV FA TV**

		Art. No.	Price	PG
Oxygen	NPT 1/4RH-F VA	3000-1579	227,27 €	122
Fuel Gas	NPT 1/4RH-F VA	3000-1546	227,27 €	122
Oxygen	NPT 1/4RH-F/M VA	3000-1586	227,27 €	122
Fuel Gas	NPT 1/4RH-F/M VA	3000-1585	227,27 €	122

### FLASHBACK ARRESTOR *DG91N-VA (ISO 5175-1)*



Made of stainless steel

Welding up to 30 mm  
Cutting up to 700 mm  
Heating up to 100 mm

**NV FA TV**

		Art. No.	Price	PG
Oxygen	NPT 1/4RH-F VA	3000-1580	274,94 €	124
Fuel Gas	NPT 1/4RH-F VA	3000-1547	274,94 €	124
Oxygen	NPT 1/4RH-F/M VA	3000-0884	274,94 €	124
Fuel Gas	NPT 1/4RH-F/M VA	3000-0337	274,94 €	124

### FLASHBACK ARRESTOR *DEMAX5N-VA (ISO 5175-1)*



Made of stainless steel

Welding up to 30 mm  
Cutting > 700 mm  
Heating > 100 mm

**NV FA TV**

		Art. No.	Price	PG
Oxygen	1NPT-F VA	3000-1582	898,00 €	132
Fuel Gas	1NPT-F VA	3000-1528	898,00 €	132

### FLASHBACK ARRESTOR *DEMAX5N (ISO 5175-1)*



Welding up to 30 mm  
Cutting > 700 mm  
Heating > 100 mm

**NV FA TV**

		Art. No.	Price	PG
Oxygen	G 1 RH-F	3000-0416	208,31 €	132
Fuel Gas	G 1 RH-F	3000-0185	208,31 €	132

### SAFETY DEVICE *ATEX (ISO 5175-1)*



with vacuum controlled  
gas cut-off

Welding up to 14 mm  
Cutting up to 200 mm

**NV FA TV**

		Art. No.	Price	PG
ATEX 10	G3/8LH F/G3/8LH	3000-0626	216,96 €	134
ATEX 20	G3/8LH F/G3/8LH	3000-0691	252,55 €	134

# GAS SAFETY ENGINEERING

## FLASHBACK ARRESTOR **DS1000 (ISO 5175-1)**



Welding up to 30 mm  
Cutting up to 200 mm  
Heating up to 50 mm

**NV FA TV PV**

		Art. No.	Price	PG
Oxygen	G 3/8 RH	3000-0544	71,73 €	126
Fuel Gas	G 3/8 LH	3000-0543	71,73 €	126
Oxygen	UNF9/16 RH	3000-0632	71,73 €	126
Fuel Gas	UNF9/16 LH	3000-0631	71,73 €	126

## FLASHBACK ARRESTOR **DS2000 (ISO 5175-1)**



Welding up to 30 mm  
Cutting up to 700 mm  
Heating up to 100 mm

**NV FA TV PV**

		Art. No.	Price	PG
Oxygen	G 3/8 RH	3000-0203	121,84 €	126
Fuel Gas	G 3/8 LH	3000-0204	121,84 €	126
Oxygen	UNF9/16 RH	3000-0555	121,84 €	126
Fuel Gas	UNF9/16 LH	3000-0554	121,84 €	126

## FLASHBACK ARRESTOR **GG (ISO 5175-1), GG-SS (ISO 5175-2)**



**GG:** Welding up to 30 mm  
Cutting up to 200 mm  
Heating up to 30 mm

**NV FA**

**GG-SS:** Cutting up to 300 mm

**NV**

		Art. No.	Price	PG
Oxygen	G 3/8 RH	3000-0213	23,95 €	139
Fuel Gas	G 3/8 LH	3000-0211	23,95 €	139
Oxygen	UNF9/16 RH	3000-0351	23,95 €	139
Fuel Gas	UNF9/16 LH	3000-0352	23,95 €	139
Oxygen	M16X1,5RH	3000-0434	23,95 €	139
Fuel Gas	M16X1,5LH	3000-0435	23,95 €	139
Cutting Oxygen	G 3/8 RH (e.g. for cutting machines)	3000-1365	23,95 €	139

## FLASHBACK ARRESTOR **GT (ISO 5175-1)**



Welding up to 30 mm  
Cutting up to 200 mm  
Heating up to 30 mm

**NV FA**

		Art. No.	Price	PG
Oxygen	6,3 mm-G 3/8 RH	3000-0305	23,95 €	139
Oxygen	6,3 mm-UNF9/16 RH	3000-0568	23,95 €	139
Oxygen	8 mm-UNF9/16 RH	3000-0553	23,95 €	139
Fuel Gas	8 mm-G 3/8 LH	3000-0541	23,95 €	139
Fuel Gas	9 mm-G 3/8 LH	3000-0198	23,95 €	139
Fuel Gas	8 mm-UNF9/16 LH	3000-0552	23,95 €	139

## FLASHBACK ARRESTOR **TT (ISO 5175-1)**



Welding up to 30 mm  
Cutting up to 200 mm  
Heating up to 30 mm

**NV FA**

		Art. No.	Price	PG
Oxygen	6,3 mm	3000-0193	24,39 €	143
Oxygen	8 mm	3000-0580	24,39 €	143
Fuel Gas	8 mm	3000-0579	24,39 €	143
Fuel Gas	9 mm	3000-0196	24,39 €	143



### FLASHBACK ARRESTOR **DG91UA (ISO 5175-1)**



Welding up to 30 mm  
Cutting up to 700 mm  
Heating up to 100 mm

NV FA

		Art. No.	Price	PG
Oxygen	G 3/8 RH	3000-0559	84,81 €	142
Fuel Gas	G 3/8 LH	3000-0294	84,81 €	142
Oxygen	UNF9/16 RH	3000-0717	84,81 €	142
Fuel Gas	UNF9/16 LH	3000-0716	84,81 €	142

### HOSE COUPLING **DKT AND DKT-W (EN 561 AND ISO 7289)**



Push-System



Highlights:  
• Gas shut-off  
• Top-hat seal  
• Coding of coupling pins

**Also available with opposite flow direction (e.g. for cylinder pressure regulators with integrated coupling pin at the outlet).**



Pull-System

SV

		Art. No.	Price	PG
<b>DKT:</b>				
Oxygen	6,3 mm	3000-0682	21,40 €	151
Inert Gas	6,3 mm	3000-0718	21,40 €	151
Oxygen	8 mm	3000-0677	21,40 €	151
Fuel Gas	8 mm	3000-0678	21,40 €	151
Inert Gas	8 mm	3000-0681	21,40 €	151
Fuel Gas	9 mm	3000-0223	21,40 €	151
<b>DKT-W:</b>				
Oxygen	6,3 mm	3000-1643	21,40 €	151
Inert Gas	6,3 mm	3000-2473	26,39 €	151
Oxygen	8 mm	3000-1241	21,40 €	151
Fuel Gas	8 mm	3000-1240	21,40 €	151

### HOSE COUPLING **DKD AND DKD-W (EN 561 AND ISO 7289)**



Push-System



Highlights:  
• Gas shut-off  
• Top-hat seal  
• Coding of coupling pins



Pull-System

SV

		Art. No.	Price	PG
<b>DKD:</b>				
Oxygen	G 3/8 RH	3000-0636	21,95 €	150
Fuel Gas	G 3/8 LH	3000-0635	21,95 €	150
Inert Gas	G 3/8 RH	3000-0679	21,95 €	150
Oxygen	UNF9/16 RH	3000-0230	21,95 €	150
Fuel Gas	UNF9/16 LH	3000-0229	21,95 €	150
Inert Gas	UNF9/16 RH	3000-0719	21,95 €	150
<b>DKD-W:</b>				
Oxygen	G 3/8RH	3000-1243	21,95 €	150
Inert Gas	G 3/8RH	3000-1638	21,95 €	150
Fuel Gas	G 3/8LH	3000-1242	21,95 €	150
Oxygen	M16x1,5RH	3000-1237	on request	150
Fuel Gas	M16x1,5LH	3000-1236	on request	150

### HOSE COUPLING **DKG AND DKG-W (EN 561 AND ISO 7289)**



Push-System



Highlights:  
• Gas shut-off  
• Top-hat seal  
• Coding of coupling pins

**Also available with opposite flow direction (e.g. for cylinder pressure regulators with integrated coupling pin at the outlet).**



Pull-System

SV

		Art. No.	Price	PG
<b>DKG:</b>				
Oxygen	G 3/8 RH	3000-0637	21,40 €	151
Fuel Gas	G 3/8 LH	3000-0188	21,40 €	151
Inert Gas	G 3/8 RH	3000-0680	21,40 €	151
Oxygen	UNF9/16 RH	3000-0705	21,40 €	151
Fuel Gas	UNF9/16 LH	3000-0704	21,40 €	151
Inert Gas	UNF9/16 RH	3000-0706	21,40 €	151
<b>DKG-W:</b>				
Oxygen	G 3/8RH	3000-1245	21,40 €	151
Fuel gas	G 3/8LH	3000-1244	21,40 €	151

# GAS SAFETY ENGINEERING

## COUPLING PIN D1 (EN 561 AND ISO 7289)



- Highlights:
- Coding of coupling pins

		Art. No.	Price	PG
Oxygen	G 3/8 RH	0069-4007	10,08 €	152
Fuel Gas	G 3/8 LH	0069-4002	10,08 €	152
Inert Gas	G 3/8 RH	0069-4012	10,08 €	152
Oxygen	UNF9/16 RH	0069-4008	10,08 €	152
Fuel Gas	UNF9/16 LH	0069-4003	10,08 €	152
Inert Gas	UNF9/16 RH	0069-4013	on request	152
Oxygen	G 1/2 RH	0069-4017	24,94 €	152
Fuel Gas	G 1/2 LH	0069-4016	24,94 €	152
Inert Gas	G 1/2 RH	0069-4018	on request	152

## COUPLING PIN D2 (EN 561 AND ISO 7289)



- Highlights:
- Colored marking of pins
  - Coding of coupling pins

		Art. No.	Price	PG
Oxygen	6,3 mm	0069-0406	10,08 €	152
Inert Gas	6,3 mm	0069-0410	10,08 €	152
Oxygen	8 mm	0069-0567	10,08 €	152
Fuel Gas	8 mm	0069-0566	10,08 €	152
Inert Gas	8 mm	0069-0587	10,08 €	152
Fuel Gas	9 mm	0069-0403	10,08 €	152

## COUPLING PIN D4 (EN 561 AND ISO 7289)



- Highlights:
- Coding of coupling pins

		Art. No.	Price	PG
Oxygen	G 3/8 RH	0069-4212	13,82 €	152
Fuel Gas	G 3/8 LH	0069-0281	13,82 €	152
Inert Gas	G 3/8 RH	0069-4222	13,82 €	152
Oxygen	UNF9/16RH	0069-0288	13,82 €	152
Fuel Gas	UNF9/16 LH	0069-0282	13,82 €	152

## HOSE COUPLING NKT



- With gas shut-off:
- For quick and safe connecting and disconnecting under pressure

SV

		Art. No.	Price	PG
Oxygen	6,3 mm	3000-0251	22,95 €	148
Fuel Gas	8 mm	3000-0633	22,95 €	148
Oxygen	8 mm	3000-0634	22,95 €	148
Fuel Gas	9 mm	3000-0270	22,95 €	148

## HOSE COUPLING NKD



- With gas shut-off:
- For quick and safe connecting and disconnecting under pressure

SV

		Art. No.	Price	PG
Oxygen	G 3/8 RH	3000-0650	24,72 €	147
Fuel Gas	G 3/8 LH	3000-0649	24,72 €	147
Oxygen	UNF9/16 RH	3000-1276	24,72 €	147
Fuel Gas	UNF9/16 LH	3000-0701	24,72 €	147

### HOSE COUPLING **NKG**



With gas shut-off:

- For quick and safe connecting and disconnecting under pressure

**SV**

		Art. No.	Price	PG
Oxygen	G 3/8 RH	3000-0474	22,95 €	148
Fuel Gas	G 3/8 LH	3000-0473	22,95 €	148
Oxygen	UNF9/16 RH	3000-0703	27,38 €	148
Fuel Gas	UNF9/16 LH	3000-0702	27,38 €	148

### COUPLING PIN **N1**



		Art. No.	Price	PG
Oxygen	G 3/8 RH	0069-0142	3,51 €	149
Fuel Gas	G 3/8 LH	0069-0136	3,51 €	149
Oxygen	UNF9/16 RH	0069-0144	3,51 €	149
Fuel Gas	UNF9/16 LH	0069-0138	3,51 €	149

### COUPLING PIN **N2**



		Art. No.	Price	PG
Oxygen	6,3 mm	0069-0418	3,45 €	149
Fuel Gas	8 mm	0069-0568	3,45 €	149
Oxygen	8 mm	0069-0569	3,45 €	149
Fuel Gas	9 mm	0069-0415	3,45 €	149

### COUPLING PIN **N4**



		Art. No.	Price	PG
Oxygen	G 3/8 RH	0069-0163	15,41 €	149
Fuel Gas	G 3/8 LH	0069-0157	11,21 €	149

### HOSE COUPLING **GKD**



Highlights:

- Gas shut-off
- Double o-ring sealing
- Coding of coupling pins

**SV**

		Art. No.	Price	PG
Oxygen	GKD-12-O/ G1/2RH	3000-0522	126,39 €	136
Fuel Gas	GKD-12-F/ G1/2LH	3000-0523	126,39 €	136
Oxygen	GKD-8-O/ G1/2RH	3000-0599	109,20 €	136
Fuel Gas	GKD-8-F/ G1/2LH	3000-0455	109,20 €	136

# GAS SAFETY ENGINEERING

## HOSE COUPLING **GKG**



- Highlights:
- Gas shut-off
  - Double o-ring sealing
  - Coding of coupling pins

SV

		Art. No.	Price	PG
Oxygen	GKG-12-O/ G1/2RH	3000-0575	126,39 €	136
Fuel Gas	GKG-12-F/ G1/2LH	3000-0574	126,39 €	136
Oxygen	GKG-8-O/ G1/2RH	3000-0627	109,20 €	136
Fuel Gas	GKG-8-F/ G1/2LH	3000-0593	109,20 €	136

## COUPLING PIN **G1**



- Highlights:
- Coding of coupling pins

		Art. No.	Price	PG
Oxygen	G1-12 O G1/2RH	0069-0466	66,30 €	136
Fuel Gas	G1-12 F G1/2LH	0069-0455	66,30 €	136
Oxygen	G1-8 O-G1/2RH	0069-0428	59,31 €	136
Fuel Gas	G1-8 F-G1/2LH	0069-0427	59,31 €	136

## COUPLING PIN **G4**



- Highlights:
- Coding of coupling pins

		Art. No.	Price	PG
Oxygen	G4-12 O G1/2RH	0069-0473	66,30 €	136
Fuel Gas	G4-12 F G1/2LH	0069-0462	66,30 €	136
Oxygen	G4-8 O-G1/2RH	0069-0444	59,31 €	136
Fuel Gas	G4-8 F-G1/2LH	0069-0438	59,31 €	136

## FLASHBACK ARRESTOR WITH HOSE COUPLING **DGNDK (ISO 5175-1 AND EN 561/ ISO 7289)**



- Welding up to 30 mm  
Cutting up to 200 mm  
Heating up to 50 mm

NV FA TV SV

		Art. No.	Price	PG
Oxygen	G 3/8 RH	3000-0208	54,77 €	128
Fuel Gas	G 3/8 LH	3000-0207	54,77 €	128
Oxygen	UNF9/16 RH	3000-0720	54,77 €	128
Fuel Gas	UNF9/16 LH	3000-0721	54,77 €	128

## FLASHBACK ARRESTOR WITH HOSE COUPLING **DGNK (ISO 5175-1)**



- Welding up to 30 mm  
Cutting up to 200 mm  
Heating up to 50 mm

NV FA TV SV

		Art. No.	Price	PG
Oxygen	G 3/8 RH	3000-0652	65,30 €	127
Fuel Gas	G 3/8 LH	3000-0651	65,30 €	127
Oxygen	UNF9/16RH	3000-0654	65,30 €	127
Fuel Gas	UNF9/16LH	3000-0653	65,30 €	127

**FLASHBACK ARRESTOR *DKSRT AND DKSR (ISO 5175-1 AND EN 561/ ISO 7289 COMPATIBLE)***



**DKSRT:** Welding up to 14 mm  
Cutting up to 60 mm  
Heating up to 14 mm

**NV FA TV SV**

**DKSR:** Welding up to 14 mm  
Cutting up to 60 mm  
Heating up to 14 mm

**NV FA SV**

		Art. No.	Price	PG
Oxygen	G 1/4 RH	3000-8755	44,12 €	141
Oxygen	G 3/8 RH	3000-2052	44,12 €	141
Fuel Gas	G 3/8 LH	3000-2053	44,12 €	141
Oxygen	G 1/4 RH	3000-2043	41,13 €	141
Fuel Gas	G 3/8 LH	3000-2044	41,13 €	141
Oxygen	G 3/8 RH	3000-2061	41,13 €	141

**FLASHBACK ARRESTOR *GDK (ISO 5175-1 AND EN 561/ ISO 7289)***



Welding up to 30 mm  
Cutting up to 200 mm  
Heating up to 30 mm

**NV FA**

		Art. No.	Price	PG
Oxygen	G 3/8 RH	3000-0658	40,13 €	139
Fuel Gas	G 3/8 LH	3000-0657	40,13 €	139

**FLASHBACK ARRESTOR WITH HOSE COUPLING *DKST (ISO 5175-1 AND EN 561/ ISO 7289)***



Welding up to 30 mm  
Cutting up to 200 mm  
Heating up to 50 mm

**NV FA SV**

		Art. No.	Price	PG
Oxygen	6,3 mm	3000-0655	44,57 €	141
Fuel Gas	8 mm	3000-0460	44,57 €	141
Oxygen	8 mm	3000-0461	44,57 €	141
Fuel Gas	9 mm	3000-0209	44,57 €	141

**FLASHBACK ARRESTOR WITH HOSE COUPLING *DKSG (ISO 5175-1 AND EN 561/ ISO 7289)***



Welding up to 30 mm  
Cutting up to 200 mm  
Heating up to 50 mm

**NV FA SV**

		Art. No.	Price	PG
Oxygen	G 3/8 RH	3000-0656	44,57 €	141
Fuel Gas	G 3/8 LH	3000-0295	44,57 €	141
Oxygen	UNF9/16 RH	3000-0697	44,57 €	141
Fuel Gas	UNF9/16 LH	3000-0698	44,57 €	141



# GAS SAFETY ENGINEERING

## FLASHBACK ARRESTOR WITH HOSE COUPLING **NKST (ISO 5175-1)**



Welding up to 30 mm  
Cutting up to 200 mm  
Heating up to 50 mm

**NV** **FA** **SV**

		Art. No.	Price	PG
Oxygen	6,3 mm	3000-0201	46,67 €	140
Fuel Gas	8 mm	3000-0470	46,67 €	140
Oxygen	8 mm	3000-0469	46,67 €	140
Fuel Gas	9 mm	3000-0200	46,67 €	140

## FLASHBACK ARRESTOR WITH HOSE COUPLING **NKSG (ISO 5175-1)**



Welding up to 30 mm  
Cutting up to 200 mm  
Heating up to 50 mm

**NV** **FA** **SV**

		Art. No.	Price	PG
Oxygen	G 3/8 RH	3000-0472	46,67 €	140
Fuel Gas	G 3/8 LH	3000-0471	46,67 €	140

## AUTOMATIC QUICK ACTION SHUT-OFF **SSE (EN 15615)**



Working Pressure: 25 bar  
Safety devices for gas manifolds (Acetylene)  
Safety element:  
· shut-off piston

		Art. No.	Price	PG
Acetylene	G 3/4-F	3000-0521	242,02 €	135

## FLASHBACK ARRESTOR **SIMAX (ISO 5175-1)**



Welding up to 30 mm  
Cutting > 700 mm  
Heating > 100 mm

**NV** **FA** **TV**

		Art. No.	Price	PG
SIMAX 3N	G 1 RH - O	3000-0300	401,33 €	131
	G 1 RH - F	3000-0187	401,33 €	131
SIMAX 5N	G 1 RH - O	3000-0298	589,80 €	131
	G 1 RH - F	3000-0299	589,80 €	131
SIMAX 8N	G 1 RH - O	3000-0606	991,12 €	131
	G 1 RH - F	3000-0415	991,12 €	131

## HIGH PRESSURE NON-RETURN VALVE **RSV (EN 15615)**



**NV**

	Gas Type	Art. No.	Price	PG
RSV M16x1,5RH F/M	A	0434-0052	85,37 €	173
RSV M16x1,5RH F/M	DHMNOPY	0434-0051	85,37 €	173

**SAFETY DEVICES FOR GAS MANIFOLDS / TUBE SYSTEMS ESF (ISO 5175-1)**
**TECHNICAL DATA**

Types	ESF-3	ESFN-3	ESF-20	ESF-50	ESFN-U-20	ESFN-20	ESFN-U-20-L	ESFN-20-L
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**Safety Elements**

NV (gas non-return valve)	X	X	X	X	X	X	X	X
FA (Flamme Arrestor)	X	X	X	X	X	X	X	X
TV (Thermal cut-off valve)		X			X	X	X	X
DF (Dust Filter)	X	X	X	X	X	X	X	X

Cracking pressure 4 to 6 mbar position independent

Ambient temperature -20°C up to +70°C

**Working Pressure (bar)**

1 bar = 0.1 MPa

Industrial gas (C)	3,0	3,0	1,5		1,5	1,5	1,5	1,5
Hydrogen (H)	3,0	3,0	1,5		1,5	1,5	1,5	1,5
Natural gas (Methane) (M)	4,0	5,0	3,0	0,15	3,0	3,0	3,0	3,0
Propane (P)	4,0	5,0	3,0	0,15	3,0	3,0	3,0	3,0
Acetylene (A)	1,5	1,5						
Oxygen (O)	20,0	20,0						
Compressed Air (D)	20,0	20,0						

**Connection**

1" F/F 1" F/F 1" F/F 1" F/F 1" M/F 1" F/M 1" M/F 1" F/M

Brass	X	X	X	X	X	X	X	X
approx. Weight (kg)	1,25	1,35	1,25	1,25	1,95	1,95	2,33	2,33
Diameter (mm)	54,5	54,5	54,5	54,5	54,5	54,5	54,5	54,5
Length (mm)	132,5	132,5	132,5	132,5	171	171	217	217

Please check product sheet for other thread dimension

**SAFETY DEVICE ESF-3 (ISO 5175-1)**

**NV FA**

Description	Type of Gas	Connection	Art. No	Price	PG
ESF-3	Fuel Gas	G1 F	3000-1964	242,79 €	133
ESF-3	Oxygen	G1 F	3000-1965	242,79 €	133

**SAFETY DEVICE ESFN-3 (ISO 5175-1)**

**NV FA TV**

Description	Type of Gas	Connection	Art. No	Price	PG
ESFN-3	Fuel Gas	G1 F	3000-1970	266,07 €	133
ESFN-3	Oxygen	G1 F	3000-1971	266,07 €	133

# GAS SAFETY ENGINEERING

## SAFETY DEVICE *ESF-20 (ISO 5175-1)*



NV FA

Description	Type of Gas	Connection	Art. No	Price	PG
ESF-20	Fuel Gas	G1 F	3000-1974	250,55 €	133

## SAFETY DEVICE *ESF-50 (ISO 5175-1)*



NV FA

Description	Type of Gas	Connection	Art. No	Price	PG
ESF-50	Fuel Gas	G1 F	3000-1977	267,18 €	133

## SAFETY DEVICE *ESFN-U-20 (ISO 5175-1)*



NV FA TV

Description	Type of Gas	Connection	Art. No	Price	PG
ESFN-U-20	Fuel Gas	G1 F	3000-1979	288,25 €	133
ESFN-U-20	Fuel Gas	G1 M/F	3000-1981	293,79 €	133

## SAFETY DEVICE *ESFN-20 (ISO 5175-1)*



NV FA TV

Description	Type of Gas	Connection	Art. No	Price	PG
ESFN-20	Fuel Gas	G1 RH F/M	3000-1986	297,12 €	133
ESFN-20	Fuel Gas	G1 LH F/M	3000-1987	297,12 €	133

## SAFETY DEVICE *ESFN-U-20-L (ISO 5175-1)*



NV FA TV

Description	Type of Gas	Connection	Art. No	Price	PG
ESFN-U-20-L	Fuel Gas	G1 RH F	3000-1993	354,77 €	133
ESFN-U-20-L	Fuel Gas	G1 RH M/F	3000-1994	349,22 €	133

## SAFETY DEVICE *ESFN-20-L (ISO 5175-1)*



NV FA TV

Description	Type of Gas	Connection	Art. No	Price	PG
ESFN-20-L	Fuel Gas	G1 LH F/M	3000-1998	349,22 €	133

### ANTI-LEAKAGE DEVICE **GASSTOP GS17 AND GS44**



- GS17RM with regulator and gauge comb 0,5-4 bar
- GS17R with regulator comb 0,5-4 bar
- GS17 G 3/8 LH without regulator
- GS44RM with regulator and gauge comb 0.5-4 bar

	Art. No.	Price	PG
GS17RM	0471-0271.F	156,10 €	153
GS17R	0471-0272.F	144,34 €	153
GS17	0471-0279.F	128,05 €	154
GS44RM	0471-0275.F	191,57 €	153

### DOUBLE HOSE AND CONNECTING NIPPLES



	Art. No.	Price	PG
GS17 Double hose L = 3 m	0181-0023.F	76,05 €	155
GS17 Double hose L = 5 m	0181-0014.F	87,47 €	155
GS17 Double hose L = 10 m	0181-0015.F	141,13 €	155
GS17 Connecting nipple G3/8LH	0382-0817.F	14,30 €	156
GS17 Connecting nipple	0035-0704.F	17,07 €	156
GS44 Double hose L = 3 m	0181-0121.F	174,72 €	155
GS44 Double hose L = 5 m	0181-0017.F	201,22 €	155
GS44 Double hose L = 10 m	0181-0018.F	301,55 €	155
GS44 Connecting nipple G3/8LH	0382-0980.F	25,61 €	156
GS44 Connecting nipple	0035-0705.F	24,06 €	156
Manometer 0-6 G1/4 50 mm Propane Gas-Stop	7140-0326	22,17 €	114

### TESTING EQUIPMENT **PVGD**



	Art. No.	Price	PG
Testing Instrument PVGD	3003-0119	1.335,91 €	146
Flashback Arrestor Test Label	0050-0447	0,14 €	122
FBA testing report pad, threefold	0050-0223	13,97 €	122

For annual testing  
of safety devices (ISO 5175-1)

Further information: [www.ibeda.com/en/gas-safety-devices/flashback-arrestor-testing-instruments](http://www.ibeda.com/en/gas-safety-devices/flashback-arrestor-testing-instruments)



SCAN AND WATCH  
**VIDEO TESTING EQUIPMENT PVGD**



THE WHOLE WORLD OF  
**GAS NON-RETURN VALVES  
AND SAFETY DEVICES IN  
ACCORDANCE WITH ISO 5175-2**





# GAS NON-RETURN VALVES

## TECHNICAL DATA

Types	Gas non-return valves / Check valves						
	GRV 25 1/2"	GRV 25 3/4"	GRV 25 1"	GRV 32 1"	GRV 32 1 1/4"	GRV 50 1 1/2"	GRV 50 2"
<b>Safety elements</b>							
DF (dust filter)	x	x	x	x	x	x	x
NV (gas non-return valve)	x	x	x	x	x	x	x
FD (flame deflector)	-	-	-	-	-	-	-

Gas non-return valves (flashback resistant)						
GRS 25 1/2"	GRS 25 3/4"	GRS 25 1"	GRS 32 1"	GRS 32 1 1/4"	GRS 50 1 1/2"	GRS 50 2"
x	x	x	x	x	x	x
x	x	x	x	x	x	x
x	x	x	x	x	x	x

	Maximum working pressure (bar) 1 bar = 0,1 MPa						
Town gas, grid gas (C)	25	25	25	25	25	20	20
Hydrogen (H)	25	25	25	25	25	20	20
Natural gas (M)	25	25	25	25	25	20	20
Propan (P)	25	25	25	25	25	20	20
Cleaned Biogas	25	25	25	25	25	20	20
Oxygen (O)	25	25	25	25	25	20	20
Nitrogen (N)	25	25	25	25	25	20	20
Inert gases (N)	25	25	25	25	25	20	20
Compressed air (D)	25	25	25	25	25	20	20

1,5	1,5	1,5	1,5	1,5	1	1
1,5	1,5	1,5	1,5	1,5	1	1
5	5	5	5	5	5	5
5	5	5	5	5	5	5
5	5	5	5	5	5	5
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

Inlet pressure (mbar)	Flow rate (Nm/h <sup>3</sup> )*						
20	20	22	24	30	35	95	100
40	33	36	40	50	55	150	155
60	40	44	48	65	70	195	200
80	48	50	52	75	80	210	220
100	55	58	65	80	85	240	250
500	131	145	155	200	210	500	510

19	21	23	29	33	90	95
31	34	38	48	52	143	147
38	42	46	62	67	185	190
46	48	49	71	76	200	209
52	55	62	76	81	228	238
124	138	147	190	200	475	485

\*All flow rates are measured with air

### GAS NON-RETURN VALVES DN 25 (ISO 5175-2)



Description	Connection thread	Dimensions		Weight (kg)	Housing material	Sealing material	Art. No	Price	PG
		Ø (mm)	L (mm)						
GRV25	G 1/2"	50	89	0,7	CW604	CR	3000-1721	154,10 €	133
GRV25	G 3/4"	50	89	0,6	CW604	CR	3000-1723	154,10 €	133
GRV25	G 1"	50	89	0,7	CW604	CR	3000-1725	154,10 €	133
GRV25	NPT 1/2"	50	89	0,7	CW604	CR	3000-1737	154,10 €	133
GRV25	NPT 3/4"	50	89	0,6	CW604	CR	3000-1739	154,10 €	133
GRV25	NPT 1"	50	89	0,7	CW604	CR	3000-1741	154,10 €	133

### GAS NON-RETURN VALVES DN 32 (ISO 5175-2)



Description	Connection thread	Dimensions		Weight (kg)	Housing material	Sealing material	Art. No	Price	PG
		Ø (mm)	L (mm)						
GRV32	G 1"	60	95	1	CW604	CR	3000-1727	254,99 €	133
GRV32	G 1 1/4"	60	100	1,1	CW604	CR	3000-1701	254,99 €	133
GRV32	NPT 1"	60	95	1	CW604	CR	3000-1741	254,99 €	133
GRV32	NPT 1 1/4"	60	100	1,1	CW604	CR	3000-1745	254,99 €	133

# GAS NON-RETURN VALVES

## GAS NON-RETURN VALVES DN 50 (ISO 5175-2)



Description	Connection thread	Dimensions		Weight (kg)	Housing material	Sealing material	Art. No	Price	PG
		Ø (mm)	L (mm)						
GRV50	G 1½"	94	124	3,6	CW604	CR	3000-1706	434,59 €	133
GRV50	G 2"	94	145	4,4	CW604	CR	3000-1704	434,59 €	133
GRV50	NPT 1½"	94	124	3,7	CW604	CR	3000-1749	434,59 €	133
GRV50	NPT 2"	94	145	4,5	CW604	CR	3000-1751	434,59 €	133

## GAS NON-RETURN VALVES DN 25 (ISO 5175-2)

Flashback-resistant if compressed air is used as oxidant



Description	Connection thread	Dimensions		Weight (kg)	Housing material	Sealing material	Art. No	Price	PG
		Ø (mm)	L (mm)						
GRS25	G ½"	55	103	1,2	CW604	CR	3000-1708	181,82 €	133
GRS25	G ¾"	55	121	1,2	CW604	CR	3000-1711	181,82 €	133
GRS25	G 1"	55	108	1,1	CW604	CR	3000-1709	181,82 €	133
GRS25	NPT ½"	55	103	1,2	CW604	CR	3000-1787	181,82 €	133
GRS25	NPT ¾"	55	121	1,2	CW604	CR	3000-1789	181,82 €	133
GRS25	NPT 1"	55	108	1,1	CW604	CR	3000-1791	181,82 €	133

## GAS NON-RETURN VALVES DN 32 (ISO 5175-2)

Flashback-resistant if compressed air is used as oxidant



Description	Connection thread	Dimensions		Weight (kg)	Housing material	Sealing material	Art. No	Price	PG
		Ø (mm)	L (mm)						
GRS32	G 1"	65	150	2,1	CW604	CR	3000-1715	299,33 €	133
GRS32	G 1¼"	65	157	2,2	CW604	CR	3000-1702	299,33 €	133
GRS32	NPT 1"	65	150	2,1	CW604	CR	3000-1793	299,33 €	133
GRS32	NPT 1¼"	65	157	2,2	CW604	CR	3000-1795	299,33 €	133

## GAS NON-RETURN VALVES DN 50 (ISO 5175-2)

Flashback-resistant if compressed air is used as oxidant

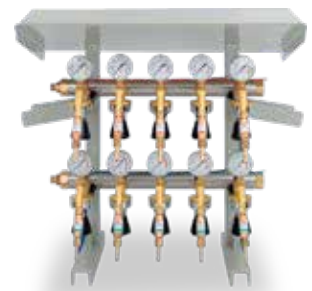


Description	Connection thread	Dimensions		Weight (kg)	Housing material	Sealing material	Art. No	Price	PG
		Ø (mm)	L (mm)						
GRS50	G 1½"	94	175	5,9	CW604	CR	3000-1707	498,89 €	133
GRS50	G 2"	94	176	6	CW604	CR	3000-1705	498,89 €	133
GRS50	NPT 1½"	94	175	6	CW604	CR	3000-1797	498,89 €	133
GRS50	NPT 2"	94	176	6,1	CW604	CR	3000-1799	498,89 €	133

Other dimensions or materials on request



FOR ALL POINTS OF USE  
**CENTRAL GAS MANIFOLD SYSTEMS**



# GAS MANIFOLD SYSTEMS

## GAS MANIFOLDS STATIONARY, **ACETYLENE 1,5 BAR**



Fig. 3002-0630



Fig. 3002-2237

Description	Design		Capacity (m³/h)	Art. No.	Price	PG
GMS-SSE-BT-25/1,5-DG91N-1x1	1x1 cylinder/bundle	single-sided	5,0 m³/h	3002-0626	707,31 €	160
GMS-BKH-SSE-BT-25/1,5-DG91N-2x1	2x1 cylinder/bundle	double-sided	5,0 m³/h	3002-0627	1.208,42 €	160
GMS-BKH-SSE-BT-25/1,5-DG91N-2x2	2x2 cylinders/bundles	double-sided	5,0 m³/h	3002-0405	1.563,18 €	160
GMS-BKH-SSE-BT-25/1,5-DG91N-2x3	2x3 cylinders/bundles	double-sided	5,0 m³/h	3002-0425	1.651,87 €	160
GMS-SSE-BT-25/1,5-DG91N-1x1	1x1 cylinder/bundle	single-sided	5,0 m³/h	3002-1311	870,28 €	160
GMS-SSE-BT-25/1,5-DG91N-1x2	1x2 cylinders/bundles	single-sided	5,0 m³/h	3002-0628	898,00 €	160
GMS-SSE-BT-25/1,5-DG91N-1x3	1x3 cylinders/bundles	single-sided	5,0 m³/h	3002-0446	925,71 €	160
GMS-BKH-SSE-U13-25/1,5-SIMAX3-2x1	2x1 bundles	double-sided	24,0 m³/h	3002-0630	2.583,13 €	160
GMS-BKH-SSE-U13-25/1,5-SIMAX3-2x2	2x2 bundles	double-sided	24,0 m³/h	3002-1610	3.181,80 €	160
GMS-SSE-U13-25/1,5-SIMAX3-1x1	1x1 bundles	single-sided	24,0 m³/h	3002-1566	2.394,66 €	160
GMS-BKH-SSE-U47-25/1,5-SIMAX8-2x1	2x1 bundle	double-sided	70,0 m³/h	3002-1738	10.753,81 €	160
GMS-ASV-BT-25/1,5-DG91N-1x2	1x2 cylinders/bundles	single-sided	5,0 m³/h	3002-2236	on request	160
GMS-BKH-ASV-U13-25/1,5-SIMAX3-2x1	2x1 bundles	double-sided	24,0 m³/h	3002-2237	on request	160

## GAS MANIFOLDS STATIONARY, **ACETYLENE 2,5 BAR**



Fig. 3002-1709

Description	Design		Capacity (m³/h)	Art. No.	Price	PG
GMS-BKH-SSE-U13-25/2,5-SIMAX3NH-2x1	2x1 cylinder/bundle	double-sided	25,0 m³/h	3002-1264	on request	160
GMS-BKH-SSE-U13-25/2,5-SIMAX5NH-2x1	2x1 cylinder/bundle	double-sided	25,0 m³/h	3002-1739	on request	160
GMS-BKH-SSE-U13-25/2,5-SIMAX8NH-2x1	2x1 cylinder/bundle	double-sided	25,0 m³/h	3002-1709	on request	160

Safety relief valves optional on page 32



### STATIONARY AUTO-CHANGE MANIFOLD ACETYLENE



Fig. 3002-0639

Description	Capacity (m <sup>3</sup> /h)	Art. No.	Price	PG
GMS-AU-M-KM-SSE-BT-25/1,5-DG91N-2x1-A 2x1 cylinder/bundle, double-sided	5,0 m <sup>3</sup> /h	3002-0639	3.669,60 €	160
GMS-AU-E-KM-SSE-BT-25/1,5-DEMAX-2x1-EEEx-A 2x1 cylinder/bundle, double-sided	5,0 m <sup>3</sup> /h	3002-1681	on request	160
GMS-AU-E-KM-SSE-U13-25/1,5-SIMAX5-2x1-EEEx 2x1 cylinder/bundle, double-sided	24,0 m <sup>3</sup> /h	3002-1551	on request	160

### MOBILE GAS MANIFOLD SYSTEM



Fig. 3002-1740

Description	Capacity (m <sup>3</sup> /h)	Art. No.	Price	PG
TGMS-BKH-SSE-U13-25/1,5-SIMAX3-2x1-GEV5 2x1 cylinder/bundle, double-sided	24,0 m <sup>3</sup> /h	3002-1740	4.878,02 €	172
TGMS-DV-U13-300/20-2x1-GEV-5-O 2x1 cylinder/bundle, double-sided	320,0 m <sup>3</sup> /h	3002-1741	3.503,30 €	172
TGMS-DV-U13-300/20-2x1-GEV-5-DN 2x1 cylinder/bundle, double-sided	320,0 m <sup>3</sup> /h	3002-1742	3.499,70 €	172
TGMS-DV-U13-300/20-2x1-GEV-5-HMPY 2x1 cylinder/bundle, double-sided	320,0 m <sup>3</sup> /h	3002-1743	3.499,70 €	172

### MOBILE GAS MANIFOLD SYSTEM



Fig. 3002-1338 + 0097-0031

Description	Design		Capacity (m <sup>3</sup> /h)	Art. No.	Price	PG
GMS-SSE-U13-25/1,5-SIMAX3-1x1(2)-G1/2LH Hanger	2x1 cylinder/bundle	double-sided	24,0 m <sup>3</sup> /h	3002-1338	2.228,37 €	160
				0097-0031	191,91 €	172



# GAS MANIFOLD SYSTEMS

## STATIONARY, OXYGEN AND TECHNICAL GASES



Fig. 3002-0462

Description	Capacity (m <sup>3</sup> /h)	Art. No.			Price	PG
		Oxygen	Inert Gas	Fuel Gas		
GMS-BT-300/20-1x1-EF 1x1 cylinder/bundle, single-sided	60,0 m <sup>3</sup> /h	3002-0631	3002-1833	3002-1558	494,45 €	162
GMS-DV-BT-300/20-2x1 2x1 cylinder/bundle, double-sided	60,0 m <sup>3</sup> /h	3002-1164	3002-0632	3002-1165	667,40 €	162
GMS-DV-BT-300/20-2x2 2x2 cylinders/bundles, double-sided	60,0 m <sup>3</sup> /h	3002-0462	3002-0633	3002-1166	1.086,47 €	162
GMS-DV-BT-300/20-2x3 2x3 cylinders/bundles, double-sided	60,0 m <sup>3</sup> /h	3002-0426	3002-1744	3002-1078	1.176,27 €	162
GMS-BT-300/20-1x1 1x1 cylinder/bundle, single-sided	60,0 m <sup>3</sup> /h	3002-1147	3002-0973	3002-1745	598,67 €	162
GMS-BT-300/20-1x2 1x2 cylinder/bundle, single-sided	60,0 m <sup>3</sup> /h	3002-1067	3002-0634	3002-1746	669,62 €	162
GMS-BT-300/20-1x3 1x3 cylinder/bundle, single-sided	60,0 m <sup>3</sup> /h	3002-1748	3002-1749	3002-1750	739,46 €	162
GMS-DV-BT-40/6-2x1-P 2x1 cylinder, double-sided	15,0 m <sup>3</sup> /h				3002-1455 725,05 €	162
GMS-DV-U11-40/8-2x1-P 2x1 cylinder, double-sided	25,0 m <sup>3</sup> /h				3002-1751 1.929,03 €	162
GMS-DV-U11-40/8-2x2-P 2x2 cylinder, double-sided	25,0 m <sup>3</sup> /h				3002-1752 2.655,19 €	162
GMS-DV-U13-300/20-2x1 2x1 bundles, double-sided	320,0 m <sup>3</sup> /h	3002-1449	3002-0635	3002-1539	1.558,75 €	162
GMS-DV-U13-300/20-2x2 2x2 bundles, double-sided	320,0 m <sup>3</sup> /h	3002-1722	3002-0636	3002-1753	2.050,98 €	162
GMS-U13-300/20-1x1 1x1 bundle, single-sided	320,0 m <sup>3</sup> /h	3002-1707	3002-1754	3002-1755	1.297,11 €	162
GMS-U13-300/20-1x2 1x2 bundle, single-sided	320,0 m <sup>3</sup> /h	3002-1284	3002-1756	3002-1757	1.311,52 €	162
GMS-U13-300/20-1x3 1x3 bundle, single-sided	320,0 m <sup>3</sup> /h	3002-0248	3002-1758	3002-1759	1.340,35 €	162
GMS-DV-GVW-BT-300/20-2x1 2x1 bundles, double-sided	60,0 m <sup>3</sup> /h	3002-1760	3002-0315		1.845,89 €	162
GMS-DV-GVW-BT-300/20-2x2 2x2 bundles, double-sided	60,0 m <sup>3</sup> /h	3002-1762	3002-1761		1.929,03 €	162
GMS-DV-GVW-U13-300/20-2x1 2x1 bundles, double-sided	320,0 m <sup>3</sup> /h	3002-1763	3002-0637		2.419,05 €	162
GMS-DV-GVW-U13-300/20-2x2 2x2 bundles, double-sided	320,0 m <sup>3</sup> /h	3002-1765	3002-1764		2.538,79 €	162

**STATIONARY MECHANICALLY CONTROLLED AUTO-CHANGE MANIFOLD  
OXYGEN AND TECHNICAL GASES**



Fig. 3002-1063

Description	Capacity (m <sup>3</sup> /h)	Art. No.			Price	PG
		Oxygen	Inert Gas	Fuel Gas		
GMS-AU-M-KM-BT-300/10-2x1-DNO 2x1 cylinder/bundle, double-sided	60,0 m <sup>3</sup> /h	3002-0638	3002-1063		2.195,11 €	162
GMS-AU-M-KM-BT-300/10-2x1-EEX-DHMNO 2x1 cylinder/bundle, double-sided	60,0 m <sup>3</sup> /h	3002-1766	3002-1767	3002-1768	2.948,98 €	162
GMS-AU-M-KM-BT-300/20-2x1-DNO 2x1 cylinder/bundle, double-sided	60,0 m <sup>3</sup> /h	3002-0314	3002-1048		2.452,31 €	162
GMS-AU-M-KM-BT-300/20-2x1-EEX-DHMNOY 2x1 cylinder/bundle, double-sided	60,0 m <sup>3</sup> /h	3002-1772	3002-1774	3002-1689	2.937,90 €	162
GMS-AU-M-KM-U13-300/20-2x1 - DNO 2x1 cylinder/bundle, double-sided	320,0 m <sup>3</sup> /h	3002-1773	3002-1295		5.310,39 €	162
GMS-AU-M-KM-U15-300/40-2x1 - DNO 2x1 cylinder/bundle, double-sided	300,0 m <sup>3</sup> /h	3002-1775	3002-1691		5.121,92 €	162

**STATIONARY PNEUMATICALLY CONTROLLED AUTO-CHANGE MANIFOLD  
OXYGEN AND TECHNICAL GASES**



Fig. 3002-0640

Description	Capacity (m <sup>3</sup> /h)	Art. No.			Price	PG
		Oxygen	Inert Gas	Fuel Gas		
GMS-AU-P-KM-BT-300/10-2x1-DNO 2x1 cylinder/bundle, double-sided	60,0 m <sup>3</sup> /h	3002-1148	3002-0640		2.239,45 €	162
GMS-AU-P-KM-BT-300/10-2x1-EEX-DHMNOY 2x1 cylinder/bundle, double-sided	60,0 m <sup>3</sup> /h	3002-1776	3002-1777	3002-1778	2.614,17 €	162
GMS-AU-P-KM-BT-300/20-2x1-DNO 2x1 cylinder/bundle, double-sided	60,0 m <sup>3</sup> /h	3002-1779	3002-0407		2.171,83 €	162
GMS-AU-P-KM-BT-300/20-2x1-EEX-DHMNOY 2x1 cylinder/bundle, double-sided	60,0 m <sup>3</sup> /h	3002-1780	3002-1781	3002-1782	2.614,17 €	162

# GAS MANIFOLD SYSTEMS

## STATIONARY ELECTRICALLY CONTROLLED AUTO-CHANGE MANIFOLD OXYGEN AND TECHNICAL GASES



Fig. 3002-1680

Description	Capacity (m³/h)	Art. No. Oxygen	Inert Gas	Fuel Gas	Price	PG
GMS-AU-E-KM-BT-300/16-2x1-DNO 2x1 cylinder/bundle, double-sided	60,0 m³/h	3002-1783	3002-1680		4.628,57 €	162
GMS-AU-E-KM-BT-300/16-2x2-DNO 2x1 cylinder/bundle, double-sided	60,0 m³/h	3002-1784	3002-1732		5.387,99 €	162
GMS-AU-E-KM-BT-300/16-2x1-EEEx-DMNOY 2x1 cylinder/bundle, double-sided	60,0 m³/h	3002-1785	3002-1786	3002-1787	6.330,34 €	162
GMS-AU-E-KM-BT-300/16-2x2-EEEx-DHMNOY 2x1 cylinder/bundle, double-sided	60,0 m³/h	3002-1788	3002-1789	3002-1790	5.476,68 €	162

## EXTENSION MODULES FOR CYLINDER

IBEDA cylinder and bundle-collecting pipes are used for the simultaneous withdrawal of gas out of up to 6 cylinders or 4 bundles. Depending on the application, the collecting pipes have a single or double-sided design.

### CONNECTION THREAD M24X1,5



Fig. 3002-0646

Description	Extension Module for	Art. No.	Price	PG
FBSL-E-2 cylinder-collecting pipe	2 cylinders single-sided	3002-0646	421,28 €	165
FBSL-E-3 cylinder-collecting pipe	3 cylinders single-sided	3002-1791	454,54 €	165
FBSL-E-4 cylinder-collecting pipe	4 cylinders single-sided	3002-1080	764,96 €	165
FBSL-Z-2 cylinder-collecting pipe	2 cylinders double-sided	3002-0647	803,76 €	165
FBSL-Z-3 cylinder-collecting pipe	3 cylinders double-sided	3002-0312	881,37 €	165
FBSL-Z-4 cylinder-collecting pipe	4 cylinders double-sided	3002-0648	1.529,92 €	165
BBSL-E-2 bundle-collecting pipe	2 bundles single-sided	3002-0649	521,06 €	165
BBSL-Z-2 bundle-collecting pipe	2 bundles double-sided	3002-0650	958,97 €	165

### CONNECTION THREAD M36x2 FOR U47 MANIFOLDS

Description	Extension Module for	Art. No.	Price	PG
BBSL-E-2-A bundle-collecting pipe	2 bundles single-sided	3002-1793	1.558,75 €	165
BBSL-E-3-A bundle-collecting pipe	3 bundles single-sided	3002-1794	2.247,21 €	165
BBSL-E-4-A bundle-collecting pipe	4 bundles single-sided	3002-1795	3.037,67 €	165
BBSL-E-5-A bundle-collecting pipe	5 bundles single-sided	3002-1796	2.726,15 €	165
BBSL-Z-2-A bundle-collecting pipe	2 bundles double-sided	3002-1797	3.503,30 €	165
BBSL-Z-3-A bundle-collecting pipe	3 bundles double-sided	3002-1798	4.634,12 €	165
BBSL-Z-4-A bundle-collecting pipe	4 bundles double-sided	3002-0565	6.008,83 €	165
BBSL-Z-5-A bundle-collecting pipe	5 bundles double-sided	3002-1136	7.727,22 €	165

Safety relief valves optional on page 32

### CYLINDER/BUNDLE CONNECTION TUBE (300 BAR)

IBEDA cylinder/bundle connection tubes for Oxygen and technical gases with certificated high pressure non-return valve and integrated relief valve conforming to EN 15615 for working pressures of 300 bar.



Fig. 0181-0394

Description	Gas Type	Length	Art. No.	Price	PG
FAS W30x2RH - M24x1,5RH NL1000 RSVE	Inert Gas	1000	0181-0392	416,85 €	168
BAS W30x2RH - M24x1,5RH NL1800 RSVE	Inert Gas	1800	0181-0396	445,67 €	168
BAS W30x2RH - M24x1,5RH NL2500 RSVE	Inert Gas	2500	0181-0400	480,04 €	168
FAS W30x2RH - M24x1,5RH NL1000 RSVE	Compr. Air	1000	0181-0393	416,85 €	168
BAS W30x2RH - M24x1,5RH NL1800 RSVE	Compr. Air	1800	0181-0397	445,67 €	168
BAS W30x2RH - M24x1,5RH NL2500 RSVE	Compr. Air	2500	0181-0401	480,04 €	168
FAS W30x2LH - M24x1,5RH NL1000 RSVE	Fuel Gas	1000	0181-0391	416,85 €	168
BAS W30x2LH - M24x1,5RH NL1800 RSVE	Fuel Gas	1800	0181-0395	445,67 €	168
BAS W30x2LH - M24x1,5RH NL2500 RSVE	Fuel Gas	2500	0181-0399	480,04 €	168
FAS W30x2RH - M24x1,5RH NL1000 RSVE	Oxygen	1000	0181-0390	416,85 €	168
BAS W30x2RH - M24x1,5RH NL1800 RSVE	Oxygen	1800	0181-0394	445,67 €	168
BAS W30x2RH - M24x1,5RH NL2500 RSVE	Oxygen	2500	0181-0398	480,04 €	168

### CYLINDER/BUNDLE CONNECTION TUBE (ACETYLENE)

IBEDA cylinder/bundle connection tubes for Acetylene with tested high-pressure tube and certificated high-pressure non-return valve conforming to EN 15615 for working pressures of 25 bar.



Fig. 0181-0377

Description	Gas Type	Length	Art. No.	Price	PG
FAS Clamp - M24x1,5RH NL1000-RSV	Acetylene	1000	0181-0371	254,86 €	166
BAS M28x1,5LH - M24x1,5RH NL1800-RSV	Acetylene	1800	0181-0377	290,78 €	166
BAS M28x1,5LH - M24x1,5RH NL2500-RSV	Acetylene	2500	0181-0383	330,53 €	166

### CYLINDER/BUNDLE CONNECTION TUBE (200 BAR)

IBEDA cylinder/bundle connection tubes for Oxygen and technical gases with certificated high pressure non-return valve conforming to EN 15615 for working pressures of 200 bar.

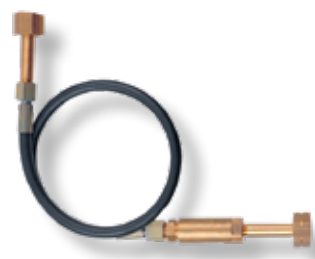


Fig. 0181-0381

Description	Gas Type	Length	Art. No.	Price	PG
FAS W21,8x1/14LH - M24x1,5RH NL1000-RSV	Fuel Gas	1000	0181-0373	186,47 €	167
BAS W21,8x1/14LH - M24x1,5RH NL1800-RSV	Fuel Gas	1800	0181-0379	205,87 €	167
BAS W21,8x1/14LH - M24x1,5RH NL2500-RSV	Fuel Gas	2500	0181-0385	222,50 €	167
FAS W21,8x1/14RH - M24x1,5RH NL1000-RSV	Inert Gas	1000	0181-0374	186,47 €	167
BAS W21,8x1/14RH - M24x1,5RH NL1800-RSV	Inert Gas	1800	0181-0380	205,87 €	167
BAS W21,8x1/14RH - M24x1,5RH NL2500-RSV	Inert Gas	2500	0181-0386	222,50 €	167
FAS G3/4RH - M24x1,5RH NL1000-RSV	Oxygen	1000	0181-0372	373,61 €	167
BAS G3/4RH - M24x1,5RH NL1800-RSV	Oxygen	1800	0181-0378	389,13 €	167
BAS G3/4RH - M24x1,5RH NL2500-RSV	Oxygen	2500	0181-0384	500,00 €	167
FAS W24,32x1/14RH - M24x1,5RH NL1000-RSV	Nitrogen	1000	0181-0375	186,47 €	167
BAS W24,32x1/14RH - M24x1,5RH NL1800-RSV	Nitrogen	1800	0181-0381	205,87 €	167
BAS W24,32x1/14RH - M24x1,5RH NL2500-RSV	Nitrogen	2500	0181-0387	222,50 €	167
FAS G5/8RH - M24x1,5RH NL1000-RSV	Compr.Air	1000	0181-0376	186,47 €	167
BAS G5/8RH - M24x1,5RH NL1800-RSV	Compr.Air	1800	0181-0382	221,06 €	167
BAS G5/8RH - M24x1,5RH NL2500-RSV	Compr.Air	2500	0181-0388	222,50 €	167

# GAS MANIFOLD SYSTEMS

## CYLINDER SUPPORT PACK



Fig. 0443-0052

Description	Gas Type	Art. No.	Price	PG
FH1 Cylinder Support Pack compl.	all gases, except Propane	0443-0055	30,60 €	165
FH1 Cylinder Support Pack compl. Propane	Propane	0443-0053	45,90 €	165
FH2 Cylinder Support Pack compl.	all gases, except Propane	0443-0052	49,00 €	165
FH2 Cylinder Support Pack compl. Propane	Propane	0443-0054	78,71 €	165
FH3 Cylinder Support Pack compl.	all gases, except Propane	0443-0056	73,95 €	165
FH3 Cylinder Support Pack compl. Propane	Propane	0443-0057	118,62 €	165

## GAS PRE-HEATER GVV 250

The IBEDA gas pre-heater for gas manifold systems or cylinders for technical gases is used to reduce the occurrence of freezing.



Description	Gas Type	Connection Threads		Art. No.	Price	PG
		Inlet	Outlet			
Gas pre-heater 250Watt GMS PN300	DN	M24x1,5RH F	M24x1,5RH M	3002-2309	415,74 €	102
Gas pre-heater 250Watt GMS PN300	O	M24x1,5RH F	M24x1,5RH M	3002-2310	415,74 €	102
Gas pre-heater-U 250Watt GMS PN300	DN	M24x1,5RH M	M24x1,5RH F	3002-2311	415,74 €	102
Gas pre-heater-U 250Watt GMS PN300	O	M24x1,5RH M	M24x1,5RH F	3002-2312	415,74 €	102
Gas pre-heater 250Watt PN300	O	W30x2RH F	W30x2RH M	3002-2313	442,35 €	102
Gas pre-heater 250Watt PN300	N	W30x2RH F	W30x2RH M	3002-2314	442,35 €	102
Gas pre-heater 250Watt PN200	O	G3/4RH F	G3/4RH M	3002-2315	468,95 €	102
Gas pre-heater 250Watt PN200	N	W21,8x1/14RH F	W21,8x1/14RH M	3002-2316	407,98 €	102
Gas pre-heater 250Watt PN200	N2	W24,32x1/14RH F	W24,32x1/14RH M	3002-2317	442,35 €	102

## WELDING AND BRAZING FITTING WITH O-RING SEAL



Fig. 0021-0719

Description	Connection Threads		Art. No.	Price	PG
	Inlet	Outlet			
LV G1/2RH M O-Ring - LN18mm O-Ring	G1/2	Ø 18	0021-0792	53,44 €	104
LV G3/4RH M O-Ring - LN22mm O-Ring	G3/4	Ø 22	0021-0718	59,42 €	104
LV G1RH M O-Ring - LN28mm O-Ring	G1	Ø 28	0021-0719	68,62 €	104
LV G1 1/2RH M O-Ring - LN42mm O-Ring	G1 1/2	Ø 42	0021-0720	on request	104

## TAPPING POINTS MODEL E1 AND E10



Fig. 0439-0103



Fig. 0439-0149

Description	Gas Type	Art. No.	Price	PG
<b>Model E1</b>				
E1-A Tapping Point Welding Nipple 12-G3/8LH	Acetylene	0439-0102	49,45 €	169
E1-O Tapping Point Brazing Nipple 12-G3/8RH	Oxygen	0439-0103	49,45 €	169
E1-B Tapping Point Brazing Nipple 12-G3/8LH	Fuel Gas	0439-0104	49,45 €	169
E1-N Tapping Point Brazing Nipple 12-G3/8RH	Inert Gas	0439-0105	49,45 €	169
<b>Model E10</b>				
E10-A Tapping Point G1/2LH - SV-1/2"	Acetylene	0439-0146	156,10 €	169
E10-O Tapping Point G1/2RH - LV-18	Oxygen	0439-0147	121,06 €	169
E10-B Tapping Point G1/2LH - LV-18	Fuel Gas	0439-0148	121,06 €	169
E10-N Tapping Point G1/2RH - LV-18	Inert Gas	0439-0149	121,06 €	169

### BRACKETS FOR E1 AND E10



Fig. 0158-0001.B

IBEDA brackets for quick installation of the E1 and E10 tapping points.

Description	Art. No.	Price	PG
Bracket for one tapping point	0158-0001.B	12,53 €	169
Bracket for two tapping points	0158-0002.B	13,41 €	169
Bracket for three tapping points	0158-0003.B	18,96 €	169
Bracket for four tapping points	0158-0004.B	25,06 €	169

### TAPPING POINT MODEL E1-AL



Fig. 0439-0203

Description	Gas Type	Art. No.	Price	PG
E1AL-A Tapping Point SN 12-G3/8LH	Acetylene	0439-0202	62,25 €	169
E1AL-O Tapping Point LN 12-G3/8RH	Oxygen	0439-0203	62,25 €	169
E1AL-B Tapping Point LN 12-G3/8LH	Fuel Gas	0439-0204	62,25 €	169
E1AL-N Tapping Point LN 12-G3/8RH	Inert Gas	0439-0205	62,25 €	169

### TAPPING POINT WALL BRACKET FOR E1-AL



Fig. 0158-0019

IBEDA aluminium wall bracket for quick installation of the E1-AL tapping points.

Description		Art. No.	Price	PG
Wall Bracket for one tapping point	aluminium bracket, L100	0158-0019	44,12 €	169
Wall Bracket for two tapping points	aluminium bracket, L200	0158-0020	64,30 €	169

### MOBILE TAPPING POINT DISTRIBUTOR MODEL GEV-5



Fig. 0403-0073

IBEDA mobile tapping points are used for the mobile gas supply of welding and cutting stations with Fuel Gases and Oxygen. Five workstations can be supplied simultaneously. Tapping point pressure regulator and safety equipment must be ordered separately according to the application conditions.

Description	Gas Type	Art. No.	Price	PG
GEV-5 Gas Distributor G1/2RH-G3/8RH -O-	Oxygen	0403-0072	753,88 €	172
GEV-5 Gas Distributor G1/2LH-G3/8LH -HMPY-	Fuel Gas	0403-0073	753,88 €	172
GEV-5 Gas Distributor G1/2LH-G3/8LH -A-	Acetylene	0403-0083	753,88 €	172
GEV-5 Gas Distributor G1/2RH-G3/8RH -DN-	Inert Gas	0403-0168	753,88 €	172



# GAS MANIFOLD SYSTEMS

## MOBILE DISTRIBUTOR **MODEL GEV-2X5**

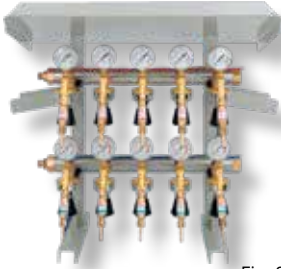


Fig. 0403-0074

IBEDA gas distributors with a weather protection roof are used to supply five welding stations with Fuel Gas and Oxygen on construction sites. Tapping point pressure regulator and safety equipment must be ordered separately according to the application conditions.

Description	Gas Type	Art. No.	Price	PG
GEV-2x5 Gas Distributor G1/2-G3/8-G1/2LH-G3/8LH	Oxygen / Acetylene	0403-0074	2.361,40 €	172
GEV-2x5 Gas Distributor G1/2-G3/8-G1/2LH-G3/8LH	Oxygen / Fuel Gas	0403-0183	2.361,40 €	172
GEV-2x5 Gas Distributor G1/2-G3/8-G1/2LH-G3/8LH	Inert Gas / Fuel Gas	0403-0205	2.361,40 €	172

## ACCESSORIES

### TAPPING POINT PRESSURE REGULATOR **MODEL ED-H / EDF-H**



Fig. 0432-0472

IBEDA tapping point pressure regulator comprise a sturdy brass housing with pressure gauges conforming to EN 562. The regulators are insusceptible to malfunctions and have a high flow rate.

Description	Gas Type	Connection Threads		Capacity	Art. No.	Price	PG
		Inlet	Outlet				
ED-H Pressure Regulator Acetylene 1,5 bar	Acetylene	G3/8LH	G3/8LH	9,0 m <sup>3</sup> /h	0432-0471	118,24 €	170
ED-H Pressure Regulator Oxygen 10 bar	Oxygen	G3/8RH	G3/8RH	60,0 m <sup>3</sup> /h	0432-0666	118,24 €	170
ED-H Pressure Regulator Fuel Gas 4 bar	Fuel Gas	G3/8LH	G3/8LH	28,0 m <sup>3</sup> /h	0432-0473	118,24 €	170
ED-H Pressure Regulator Fuel Gas 10 bar	Fuel Gas	G3/8LH	G3/8LH	60,0 m <sup>3</sup> /h	0432-0474	118,24 €	170
ED-H Pressure Regulator Inert Gas 10 bar	Inert Gas	G3/8RH	G1/4RH	30,0 m <sup>3</sup> /h	0432-0475	118,24 €	170
ED-H Pressure Regulator Inert Gas 10bar	Inert Gas	G3/8RH	G3/8RH	60,0 m <sup>3</sup> /h	0432-0777	118,24 €	170
ED-H Pressure Regulator Shielding Gas 0-30 l/min	Inert Gas	G3/8RH	G1/4RH	30,0 l/Min	0432-0476	118,24 €	170
EDF-H Pressure Regulator Shielding Gas 0-30 l/min	Inert Gas	G3/8RH	G1/4RH	30,0 l/Min	0432-0477	168,24 €	170
EDF-H Pressure Regulator Shielding Gas 14 l/min	Inert Gas	G3/8RH	G1/4RH	14,0 l/Min	0432-0478	186,91 €	170

### TAPPING POINT PRESSURE REGULATOR **MODEL ED-HH**



Fig. 0432-0480

IBEDA tapping point pressure regulator for use in laser systems comprise a sturdy brass housing with pressure gauges conforming to EN 562. The regulators are insusceptible to malfunctions and the working pressure can be adjusted up to 4.0 MPa (40 bar).

Description	Gas Type	Connection Threads		Capacity	Art. No.	Price	PG
		Inlet	Outlet				
ED-HH Pressure Regulator Acetylene 1,5 bar	Acetylene	G1/2LH	G1/2LH	16,0 m <sup>3</sup> /h	0432-0470	396,79 €	170
ED-HH Pressure Regulator Oxygen 40 bar	Oxygen	G1/2RH	G1/2RH	120,0 m <sup>3</sup> /h	0432-0480	375,64 €	170
ED-HH Pressure Regulator Fuel Gas 15 bar	Fuel Gas	G1/2LH	G1/2LH	120,0 m <sup>3</sup> /h	0432-0624	375,64 €	170
ED-HH Pressure Regulator Inert Gas 40 bar	Inert Gas	G1/2RH	G1/2RH	120,0 m <sup>3</sup> /h	0432-0481	375,64 €	170

### TAPPING POINT PRESSURE REGULATOR **MODEL ED-HS**



Fig. 0432-0707

IBEDA tapping point pressure regulators comprise a sturdy brass housing with pressure gauges conforming to EN 562. The regulators have a straight outlet and are suitable for installation on the E1-AL tapping points.

Description	Gas Type	Connection Threads		Capacity	Art. No.	Price	PG
		Inlet	Outlet				
ED-HS Pressure Regulator Acetylene 1,5 bar	Acetylene	G3/8LH	G3/8LH	9,0 m <sup>3</sup> /h	0432-0707	133,44 €	170
ED-HS Pressure Regulator Oxygen 10 bar	Oxygen	G3/8RH	G1/4RH	60,0 m <sup>3</sup> /h	0432-0706	133,44 €	170
ED-HS Pressure Regulator Fuel Gas 10 bar	Fuel Gas	G3/8LH	G3/8LH	60,0 m <sup>3</sup> /h	0432-0746	133,44 €	170
ED-HS Pressure Regulator Propane 4 bar	Propane	G3/8LH	G3/8LH	5,0 m <sup>3</sup> /h	0432-0747	133,44 €	170
ED-HS Pressure Regulator Inert Gas 10 bar	Inert Gas	G3/8RH	G1/4RH	60,0 m <sup>3</sup> /h	0432-0748	133,44 €	170
ED-HS Pressure Regulator Inert Gas 30 l/min	Inert Gas	G3/8RH	G1/4RH	30,0 l/min	0432-0750	133,44 €	170

### GAS FILTER **FOR INSTALLATION IN PIPELINES**



Gas Filter T-shape

IBEDA gas filters for pipeline installation to ensure reliable protection against dust particles. The gas filters are available for Oxygen and all non corrosive gases (ODNF) as well as for Acetylene (A). The Gasfilter GF25 is available in two versions, T-shape (GF-T) and Inline (GF-L).



Gas Filter Inline

Description	Inlet connection	Outlet connection	Working pressure (bar)	Filter mesh	Art. No.	Price	PG
Gasfilter HDGF-T10-300 1/4NPT F/F15µm ODNF	1/4 NPT F	1/4 NPT F	300 bar	15µm	3003-2088	226,16 €	110
Gasfilter HDGF-T10-25 1/4NPT F/F15µm A	1/4 NPT F	1/4 NPT F	25 bar	15µm	3003-2090	226,16 €	110
Gasfilter GF-T 10-40 G1/2RH F/F 15µm ODNF	G 1/2 RH F	G 1/2 RH F	40 bar	15µm	3003-2084	190,69 €	110
Gasfilter GF-T 10-1,5 G1/2RH F/F 15µm A	G 1/2 RH F	G 1/2 RH F	1,5 bar	15µm	3003-2086	190,69 €	110
Gasfilter GF-T 25-40 G1RH F/F B30µm ODNF	G 1 RH F	G 1 RH F	40 bar	30µm	3003-2068	512,19 €	110
Gasfilter GF-T 25-1,5 G1RH F/F 30µm A	G 1 RH F	G 1 RH F	1,5 bar	30µm	3003-2072	715,07 €	110
Gasfilter GF-L 25-40 G1RH F/F B30µm ODNF	G 1 RH F	G 1 RH F	40 bar	30µm	3003-2062	419,07 €	110
Gasfilter GF-L 25-1,5 G1RH F/F 30µm A	G 1 RH F	G 1 RH F	1,5 bar	30µm	3003-2065	604,21 €	110

Further connections available on request

### SAFETY DEVICE **ASV**



The safety device ASV for Acetylene complies with the standards EN ISO 14114 and EN ISO 15615. It combines the function of both an automatic quick-action shut-off device and a pressure limiting device.

The ASV will shut off the gas flow immediately if the pressure exceeds the pre-set value.

Description	Operating pressure P1	Shut-off pressure P1	Shut-off pressure P2	Gas Type	Connection Threads		Art. No.	Price	PG
					Inlet	Outlet			
Safety device ASV	4 - 25 bar	27 bar	2,0 bar*	Acetylene	1/4NPT F	1/4NPT F	3002-2241	on request	135

\* When placing your inquiry please specify the shut-off pressure (1,3 / 1,8 / 2,0 / 2,5 bar).

# GAS MANIFOLD SYSTEMS

## SAFETY RELIEF VALVE FOR OXYGEN AND TECHNICAL GASES



Safety relief valves for blowing off gases from pipelines, tanks, and other components. Perfect for use in combination with IBEDA gas manifold systems.

Model	Inlet	Outlet	Material	weight (ca. kg)	Sealing material	opening pressure (bar)	relief capacity (ca. m <sup>3</sup> /h Air)	Art. No.	Price	PG
D10/CS	G1/2" M ISO228	G3/4" M ISO 228	CW614N	0,33	Viton	16	854	0424-0118	108,65 €	133
D10/CS	G1/2" M ISO228	G3/4" M ISO 228	CW614N	0,33	Viton	25	1309	0424-0119	108,65 €	133
D10/CS	G1/2" M ISO228	G3/4" M ISO 228	CW614N	0,33	Viton	40	2067	0424-0120	124,94 €	133
G10/S	G3/4" M ISO 228	G1" M ISO 228	CW614N	0,68	Viton	16	844	0424-0129	182,93 €	133
G10/S	G3/4" M ISO 228	G1" M ISO 228	CW614N	0,68	Viton	25	1294	0424-0130	210,64 €	133
G14/S	G3/4" M ISO 228	G1" M ISO 228	CW614N	0,74	Viton	16	1558	0424-0121	188,47 €	133
G14/S	G3/4" M ISO 228	G1" M ISO 228	CW614N	0,74	Viton	25	2388	0424-0122	216,18 €	133
G14/S	G3/4" M ISO 228	G1" M ISO 228	CW614N	0,74	Viton	40	3770	0424-0123	260,53 €	133
G20/S	G1" M ISO 228	G1 1/4" M ISO 228	CW614N	1,45	Viton	16	3298	0424-0125	404,65 €	133
G20/S	G1" M ISO 228	G1 1/4" M ISO 228	CW614N	1,45	Viton	25	5053	0424-0126	460,09 €	133
G20/S	G1" M ISO 228	G1 1/4" M ISO 228	CW614N	1,45	Viton	40	7979	0424-0127	548,78 €	133

## SAFETY RELIEF VALVE FOR ACETYLENE



Safety relief valves for blowing off gases from pipelines, tanks, and other components. Perfect for use in combination with IBEDA gas manifold systems.

Model	Inlet	Outlet	Material	weight (ca. kg)	Sealing material	opening pressure (bar)	relief capacity (ca. m <sup>3</sup> /h C2H2)	Art. No.	Price	PG
D10/CS	G1/2" M ISO228	G3/4" M ISO 228	CW614N	0,33	EPDM	1,9	133	0424-0117	108,65 €	133
G10/S	G3/4" M ISO 228	G1" M ISO 228	CW614N	0,68	EPDM	1,9	140	0424-0128	144,12 €	133
G14/S	G3/4" M ISO 228	G1" M ISO 228	CW614N	0,74	EPDM	1,9	253	0424-0247	177,38 €	133
G20/S	G1" M ISO 228	G1 1/4" M ISO 228	CW614N	1,45	EPDM	1,9	547	0424-0124	338,14 €	133

## T-PIECE FOR SAFETY RELIEF VALVE

Model	Art. No.	Price	PG
T-piece G1/2RH F/M for Safety Relief Valve G1/2"	0047-0101	on request	112
T-piece G3/4RH F/M for Safety Relief Valve G1/2"	0047-0105	on request	112
T-piece G3/4RH F/M for Safety Relief Valve G3/4"	0047-0103	on request	112
T-piece G3/4RH F/M for Safety Relief Valve G1"	0047-0121	on request	112



IBEDA GAS MIXERS  
**PRECISE GAS MIXTURES  
FOR YOUR PROCESSES**



# GAS MIXERS

## GAS MIXERS TECHNICAL DATA



Features	iMixcompact	iMixclassic	iMixpro	iMixproVario	iMixone	varioMix
Diffusion mixing principle	X	X	X	X	X	
Gas mixture by proportional mixing valve						X
Flow rate max.	200l/min	800l/min	130m <sup>3</sup> /h	130m <sup>3</sup> /h	30l/min	205l/min
Flow rate individually adjustable (within the technical limits)					X	X
Number of gases to be mixed	2	2	2 or 3	2	2	2
Maximum number of gas mixtures individually calibrated by means of gas analysis	2	4	2	variable adjustable	3	variable adjustable
Maximum number of simultaneously available gas mixtures	2	4	2	1 Mixture variable adjustable	1	1 Mixture variable adjustable
Auto-Stop in case the gas supply is interrupted	X	X	X	X	X	X
Constant gas mixture even in case of gas withdrawal variations	X	X	X	X	X	
Inlet pressure max.	10 bar	10 bar	10 bar	10 bar	300 bar	10 bar
Inlet pressure regulator			Optional	X		
Outlet pressure regulator			Optional	X		X
Constant pressure regulation	X	X	X	X	X	X
Straightforward use due direct connection to the gas cylinder					X	
With integrated gas analysis			optional	X		
No power supply needed	X	X	X		X	X
Mixing accuracy according to DIN EN ISO 14175	X	X	X	X	X	X

## GASANALYZER GA300



Description	Gas combinations included	Gases	Connection size	Art. No.	Price	PG
Gas analyzer GA300	4*	N <sub>2</sub> -O <sub>2</sub> /N <sub>2</sub> -CO <sub>2</sub> / Ar-CO <sub>2</sub> /CO <sub>2</sub> -O <sub>2</sub> *	G1/4RH - F	6000-0316	8.350,00 €	229

\*Different or additional gas combinations on request.

## GAS MIXERS

Model	Description	Number of gases	Number of pre-set mixes	Number of mixes supplied simultaneously	max. Flow	Price	PG
varioMix	Gas Mixer varioMix	2	1 variabel	1	205 l/min	1.876,93 €	603
IMixone	iMixone-200-W21,8x1/14-A	2	1 Fix	1	0-30 l/min	1.674,05 €	600
	iMixone-200-W21,8x1/14-A-B	2	2 Fix	1	0-30 l/min	1.796,00 €	600
	iMixone-200-W21,8x1/14-A-B-C	2	3 Fix	1	0-30 l/min	1.895,78 €	600
iMixcompact	iMixcompact-1-QS8	2	1 Fix	1	200 l/min	721,41 €	601
	iMixcompact-2-QS8	2	2 Fix	2	200 l/min per mix	891,16 €	601
	iMixcompact-1-G1/4-F	2	1 Fix	1	200 l/min	721,41 €	601
	iMixcompact-2-G1/4-F	2	2 Fix	2	200 l/min per mix	891,16 €	601
iMixclassic	iMixclassic-1-50-G1/4-F	2	1 Fix	1	800 l/min	954,81 €	601
	iMixclassic-2-25-G1/4-F	2	2 Fix	2	400 l/min per mix	1.103,34 €	601
	iMixclassic-4-12-G1/4-F	2	4 Fix	4	200 l/min per mix	1.347,34 €	601
iMixpro 2 gases	iMixpro-2-1-50	2	1 Fix	1	50 m <sup>3</sup> /h	2.899,10 €	610
	iMixpro-2-1-50-EAR	2	1 Fix	1	50 m <sup>3</sup> /h	3.603,08 €	610
	iMixpro-2-2-25	2	2 Fix	2	25 m <sup>3</sup> /h per mix	3.375,81 €	610
	iMixpro-2-2-25-EAR	2	2 Fix	2	25 m <sup>3</sup> /h per mix	4.379,13 €	610
	iMixpro-2-2-50	2	2 Fix	2	50 m <sup>3</sup> /h per mix	4.268,27 €	610
	iMixpro-2-2-50-EAR	2	2 Fix	2	50 m <sup>3</sup> /h per mix	5.266,04 €	610
	iMixpro-2-1-100	2	1 Fix	1	100 m <sup>3</sup> /h	4.035,45 €	610
	iMixpro-2-1-100-EAR	2	1 Fix	1	100 m <sup>3</sup> /h	4.484,45 €	610
	iMixpro-2-1-150	2	1 Fix	1	150 m <sup>3</sup> /h	5.011,06 €	610
	iMixpro-2-1-150-EAR	2	1 Fix	1	150 m <sup>3</sup> /h	7.183,99 €	610
iMixpro 3 gases	iMixpro-3-1-50	3	1 Fix	1	50 m <sup>3</sup> /h	4.711,72 €	610
	iMixpro-3-1-50-EAR	3	1 Fix	1	50 m <sup>3</sup> /h	5.764,93 €	610
	iMixpro-3-1-90	3	1 Fix	1	90 m <sup>3</sup> /h	7.871,35 €	610
	iMixpro-3-1-90-EAR	3	1 Fix	1	90 m <sup>3</sup> /h	9.756,04 €	610
iMixproVario	iMixprovario-2-1-50-EAR-GA	2	1 variabel	1	50 m <sup>3</sup> /h	15.300,00 €	610
	iMixprovario-2-1-100-EAR-GA	2	1 variabel	1	100 m <sup>3</sup> /h	16.400,00 €	610
	iMixprovario-2-1-130-EAR-GA	2	1 variabel	1	130 m <sup>3</sup> /h	18.300,00 €	610

EAR = inlet and outlet pressure regulators, GA = Including Gas Analyzer  
**Please check the data sheets for the possible gases.**





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# AUTOGENOUS ENGINEERING

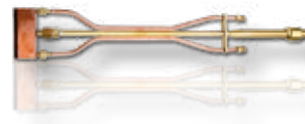
## SINTER BURNER FOR USE WITH FUEL GAS / OXYGEN



w = water cooled

Type	Injector	Consumption m <sup>3</sup> /h					Natural Gas	Oxygen p=2,0-4,0 bar	Art. No	Price	PG
		Acetylene	Hydrogen	Propane							
AH/O-11	22 mm	8,50	22,00	-	-	-	7,90-9,40	0414-1340	543,23 €	179	
AH/O-12	22 mm	12,00	30,00	-	-	-	10,80-13,20	0414-1341	on request	179	
AH/O-w-11	22 mm	8,50	22,00	-	-	-	7,90-9,40	0414-0927	1.946,77 €	179	
AH/O-w-12	22 mm	12,00	30,00	-	-	-	10,80-13,20	0414-0928	2.078,70 €	179	

## HEATING BURNER FOR USE WITH FUEL GAS / OXYGEN



w = water cooled

Type	Injector	Consumption m <sup>3</sup> /h					Natural Gas	Oxygen p=2,0-4,0 bar	Art. No	Price	PG
		Acetylene	Hydrogen	Propane							
RT-AH/O-100-5	22 mm	10,00	15,00	-	-	-	5,40-11,00	0382-1491	1.452,32 €	177	
RT-AH/O-150-5	22 mm	14,50	20,80	-	-	-	7,50-16,00	0382-1492	1.596,44 €	177	
RT-AH/O-w-100-5	22 mm	10,00	15,00	-	-	-	5,40-11,00	0382-1493	1.807,08 €	177	
RT-Ah/O-w-150-5	22 mm	14,50	20,80	-	-	-	7,50-16,00	0382-1494	2.017,73 €	177	

## HEATING BURNER FOR USE WITH FUEL GAS / COMPRESSED AIR



Type	Injector	Consumption m <sup>3</sup> /h						Art. No	Price	PG
		Acetylene	Hydrogen	Propane	Natural Gas	Compr. Air p=2,5 bar				
PM/DL24/3	17 mm	-	-	0,04	0,07	0,56-0,76	0414-0938	313,75 €	179	
PM/DL25/5	17 mm	-	-	0,12	0,30	2,28-2,40	0414-0939	281,59 €	305	
PM/DLK40/10	17 mm	-	-	0,58	1,56	11,00-12,50	0414-0945	338,14 €	179	
PM/DLK50/16	22 mm	-	-	1,9	3,50	28,00-36,00	0414-0949	454,54 €	179	
A/DL/40/5	17 mm	1,00	-	-	-	5,00	0414-1430	803,76 €	179	
A/DL/40/7	17 mm	1,60	-	-	-	8,00	0414-1431	886,91 €	179	
A/DL/40/9	22 mm	2,00	-	-	-	10,00	0414-1432	992,23 €	179	

## HEATING BURNER FOR USE WITH FUEL GAS / OXYGEN



Type	Injector	Consumption m <sup>3</sup> /h					Natural Gas	Oxygen p=2,5 bar	Art. No	Price	PG
		Acetylene	Hydrogen	Propane							
PM/O-6	17 mm	-	-	0,40	0,90	1,40-1,50	0414-0919	293,79 €	179		
PM/O-8	17 mm	-	-	1,10	2,50	4,00-4,10	0414-0920	321,51 €	179		
PM/O-10	17 mm	-	-	3,00	7,50	11,2-12,00	0414-0921	354,76 €	179		
AH/O-7	17 mm	1,70	4,50	-	-	1,60-1,90	0414-0912	365,85 €	179		
AH/O-8	17 mm	2,50	7,00	-	-	2,50-2,80	0414-0913	382,48 €	179		
AH/O-9	17 mm	4,00	10,00	-	-	3,60-4,40	0414-0914	410,20 €	179		

# AUTOGENOUS ENGINEERING

## RIBBON BURNER FOR USE WITH FUEL GAS / COMPRESSED AIR



Consumption m <sup>3</sup> /h									
Type	Injector	Acetylene	Hydrogen	Propane	Natural Gas	Compr. Air p=2,5 bar	Art. No	Price	PG
LAB-PM/DL-200	17 mm	-	-	0,40	0,90	5,00-6,80	0414-0966	570,95 €	177
LAB-PM/DL-400	17 mm	-	-	1,10	2,50	9,50-13,10	0414-0967	764,96 €	177
LAB-AH/DL-200	17 mm	0,20	0,50	-	-	0,90-1,10	0414-1426	982,26 €	177
LAB-AH/DL-400	17 mm	0,30	0,78	-	-	1,40-1,70	0414-1427	1.225,05 €	177

## RIBBON BURNER FOR USE WITH FUEL GAS / OXYGEN



Consumption m <sup>3</sup> /h									
Type	Injector	Acetylene	Hydrogen	Propane	Natural Gas	Oxygen p=2,5 bar	Art. No	Price	PG
LAB-PM/O-200	17 mm	-	-	0,36	0,78	1,35	0414-1428	982,26 €	177
LAB-PM/O-400	17 mm	-	-	0,70	1,50	2,50	0414-1429	1.152,99 €	177
LAB-AH/O-200	17 mm	0,95	0,85	-	-	0,30-1,10	0414-0961	789,35 €	177
LAB-AH/O-400	17 mm	1,85	1,70	-	-	0,60-2,00	0414-0962	898,00 €	177

## FLAME CLEANING BURNER FOR USE WITH FUEL GAS / OXYGEN



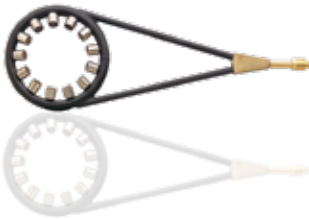
Consumption m <sup>3</sup> /h									
Type	Injector	Acetylene	Hydrogen	Propane	Natural Gas	Oxygen p=2,5 bar	Art. No	Price	PG
RT-PM50	17 mm	-	-	0,90	2,20	3,40-3,50	0414-0956	522,17 €	177
RT-PM100	17 mm	-	-	1,80	4,80	6,80-7,70	0414-0957	611,97 €	177
RT-PM150	22 mm	-	-	3,05	7,00	11,20-11,40	0414-0958	1.116,40 €	177
RT-PM200	22 mm	-	-	4,25	10,20	15,90-16,30	0414-0959	1.429,04 €	177
RT-PM250	22 mm	-	-	4,45	11,00	16,70-17,60	0414-0960	1.650,77 €	177
RT-AH50	17 mm	1,10	2,80	-	-	1,00-1,20	0414-0951	759,42 €	177
RT-AH100	17 mm	2,30	6,10	-	-	2,20-2,50	0414-0952	629,71 €	177
RT-AH150	17 mm	3,50	9,20	-	-	3,30-3,90	0414-0953	700,66 €	177
RT-AH200	22 mm	4,60	11,90	-	-	4,30-5,10	0414-0954	1.312,63 €	177
RT-AH250	22 mm	5,70	15,00	-	-	5,40-6,30	0414-0955	1.686,24 €	177

## FLAME STRAIGHTENING BURNER FOR USE WITH FUEL GAS / OXYGEN



Consumption m <sup>3</sup> /h									
Type	Injector	Acetylene	Hydrogen	Propane	Natural Gas	Oxygen p=2,5 bar	Art. No	Price	PG
A/O-3/2-Size 3	17 mm	0,90	-	-	-	1,29	0417-1573	884,70 €	179
A/O-3/2-Size 4	17 mm	1,40	-	-	-	2,05	0417-1540	967,84 €	179
A/O-5/3-Size 3	17 mm	1,50	-	-	-	2,15	0417-1574	1.086,47 €	179
A/O-5/3-Size 4	17 mm	2,40	-	-	-	3,41	0417-1766	1.274,94 €	179

**RING BURNER FOR USE WITH FUEL GAS / COMPRESSED AIR**



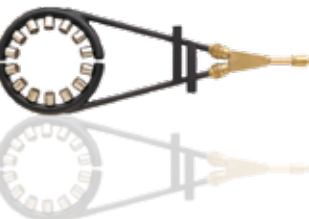
Consumption m <sup>3</sup> /h									
Type	Injector	Acetylene	Hydrogen	Propane	Natural Gas	Compr. Air p=2,0-4,0 bar	Art. No	Price	PG
RB-PM/DL-50	17 mm	-	-	0,60	1,12	8,96-11,40	2201-0050	792,68 €	175
RB-PM/DL-100	17 mm	-	-	1,00	1,87	14,96-19,00	2201-0100	945,67 €	175
RB-PM/DL-200	17 mm	-	-	1,50	2,80	22,40-28,50	2201-0200	1.180,70 €	175
RB-PM/DL-300	22 mm	-	-	2,00	3,75	30,00-38,00	2201-0300	1.496,66 €	175
RB-AH/DL-50	17 mm	0,30	0,80	-	-	1,44-1,65	2271-0050	1.013,30 €	175
RB-AH/DL-100	17 mm	0,40	1,00	-	-	1,80-2,20	2271-0100	1.269,39 €	175
RB-AH/DL-200	17 mm	0,50	1,30	-	-	2,35-2,75	2271-0200	1.768,28 €	175
RB-AH/DL-300	22 mm	0,60	1,50	-	-	2,70-3,30	2271-0300	2.372,49 €	175

**RING BURNER FOR USE WITH FUEL GAS / OXYGEN**



Consumption m <sup>3</sup> /h									
Type	Injector	Acetylene	Hydrogen	Propane	Natural Gas	Oxygen p=2,5 bar	Art. No	Price	PG
RB-PM/O-50	17 mm	-	-	0,50	0,90	1,44-1,88	2211-0050	509,97 €	175
RB-PM/O-100	17 mm	-	-	0,80	1,40	2,24-3,00	2211-0100	593,12 €	175
RB-PM/O-200	17 mm	-	-	1,40	2,50	4,00-5,25	2211-0200	719,51 €	175
RB-PM/O-300	17 mm	-	-	2,00	3,60	5,76-7,50	2211-0300	760,53 €	175
RB-AH/O-50	17 mm	0,80	2,20	-	-	0,79-0,88	2251-0050	988,91 €	175
RB-AH/O-100	17 mm	1,30	3,60	-	-	1,43-1,30	2251-0100	1.118,62 €	175
RB-AH/O-200	17 mm	2,20	6,00	-	-	2,16-2,42	2251-0200	1.452,32 €	175
RB-AH/O-300	17 mm	3,00	8,30	-	-	2,99-3,30	2251-0300	1.815,95 €	175

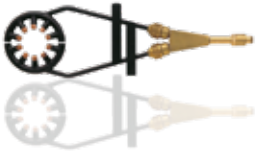
**SWIVEL RING BURNER FOR USE WITH FUEL GAS / COMPRESSED AIR**



Consumption m <sup>3</sup> /h									
Type	Injector	Acetylene	Hydrogen	Propane	Natural Gas	Compr. Air p=2,5 bar	Art. No	Price	PG
RSB-PM/DL-50	17 mm	-	-	0,60	1,12	8,96-11,4	2401-0050	1.027,71 €	176
RSB-PM/DL-100	17 mm	-	-	1,00	1,87	14,96-19,00	2401-0100	1.180,70 €	176
RSB-PM/DL-200	17 mm	-	-	1,50	2,80	22,40-28,50	2401-0200	1.426,82 €	176
RSB-PM/DL-300	22 mm	-	-	2,00	3,75	30,00-38,00	2401-0300	1.856,97 €	176
RSB-AH/DL-50	17 mm	0,30	-	-	-	1,44-1,65	2471-0050	1.084,25 €	176
RSB-AH/DL-100	17 mm	0,40	-	-	-	1,80-2,20	2471-0100	1.315,96 €	176
RSB-AH/DL-200	17 mm	0,50	-	-	-	2,35-2,75	2471-0200	1.866,95 €	176
RSB-AH/DL-300	22 mm	0,60	-	-	-	2,70-3,30	2471-0300	2.620,83 €	176

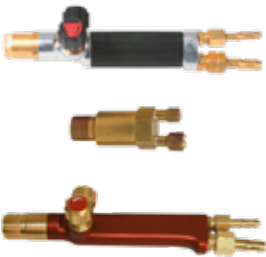
# AUTOGENOUS ENGINEERING

## SWIVEL RING BURNER *FOR USE WITH FUEL GAS / OXYGEN*



Type	Injector	Acetylene	Hydrogen	Propane	Consumption m <sup>3</sup> /h		Art. No	Price	PG
					Natural Gas	Oxygen p=2,5 bar			
RSB-PM/O-50	17 mm	-	-	0,50	0,90	1,44-1,88	2411-0050	660,75 €	176
RSB-PM/O-100	17 mm	-	-	0,80	1,40	2,24-3,00	2411-0100	770,51 €	176
RSB-PM/O-200	17 mm	-	-	1,40	2,50	4,00-5,25	2411-0200	853,65 €	176
RSB-PM/O-300	17 mm	-	-	2,00	3,60	5,76-7,50	2411-0300	958,97 €	176
RSB-AH/O-50	17 mm	0,80	2,20	-	-	0,79-0,88	2451-0050	1.014,41 €	176
RSB-AH/O-100	17 mm	1,30	3,60	-	-	1,43-1,30	2451-0100	1.180,70 €	176
RSB-AH/O-200	17 mm	2,20	6,00	-	-	2,16-2,42	2451-0200	1.624,16 €	176
RSB-AH/O-300	17 mm	3,00	8,30	-	-	2,99-3,30	2451-0300	2.045,44 €	176

## HANDLES AND SHAFTS



Type	Injector	Fuel Gas	Compr. Air	Connections		Art. No	Price	PG
				Vacuum air consumption	Compr.Air consumption			
Shaft S-17	17 mm	G3/8LH	G1/4RH	-	30 m <sup>3</sup> /h	0413-0310	101,99 €	181
Handle G-17	17 mm	G3/8LH	G1/4RH	-	30 m <sup>3</sup> /h	0408-0167	150,55 €	181
Shaft S-22	22 mm	G1/2LH	G3/8RH	-	50 m <sup>3</sup> /h	0413-0311	145,23 €	181
Handle G-22	22 mm	G1/2LH	G3/8RH	-	50 m <sup>3</sup> /h	0408-0201	420,17 €	181
Shaft S-H20	26 mm	G1/2LH	G3/8RH	-	120 m <sup>3</sup> /h	0413-0337	on request	181
Handle G-HA20	26 mm	G3/4LH	G1/2RH	-	120 m <sup>3</sup> /h	0413-0282	365,85 €	181

## VACUUM AIR INJECTOR *ECO-VEN*



Fig. 0413-0396

Type	Injector	Fuel Gas	Compr. Air	Connections		Art. No	Price	PG
				Vacuum air consumption	Compr.Air consumption			
Injector G-Ven-15	G 3/4-M	G1/2-F	G3/8-F	-	180 m <sup>3</sup> /h	0413-0234	320,40 €	184
Injector G-Ven-20	G 3/4-M	G 3/4-F	G1/2-F	-	180 m <sup>3</sup> /h	0413-0235	373,61 €	184
Injector G-Ven-25	G 1-M	G 1-F	G 3/4-F	-	600 m <sup>3</sup> /h	0413-0230	543,23 €	184
Vacuum air injector Eco-Ven-10	G 1/2-M	G 3/8-F	G1/4-F	60 m <sup>3</sup> /h	20 m <sup>3</sup> /h	0413-0396	on request	184
Vacuum air injector Eco-Ven-15	G 1-M	G 1/2-F	G1/4-F	150 m <sup>3</sup> /h	50 m <sup>3</sup> /h	0413-0391	on request	184
Vacuum air injector Eco-Ven-20	G 1 1/4-M	G 3/4-F	G3/8-F	300 m <sup>3</sup> /h	100 m <sup>3</sup> /h	0413-0341	1.519,95 €	184
Vacuum air injector Eco-Ven-25	G 1 1/2-M	G 1-F	G 1/2-F	450 m <sup>3</sup> /h	150 m <sup>3</sup> /h	0413-0333	1.817,06 €	184

### HEATING BURNER FOR USE WITH FUEL GAS / OXYGEN



Consumption m <sup>3</sup> /h									
Type	Injector	Acetylene	Hydrogen	Propane	Natural Gas	Oxygen p=2,0-4,0 bar	Art. No	Price	PG
PM/O-10	22 mm	-	-	3,00	7,50	11,25-12,00	0414-0921	354,76 €	179
PM/O-12	22 mm	-	-	4,30	9,00	14,40-16,13	0414-0922	382,48 €	179
PM/O-14	22 mm	-	-	5,20	12,00	19,20-19,50	0414-0923	454,54 €	179
PM/O-16	22 mm	-	-	6,50	15,00	24,00-24,40	0414-0924	493,35 €	179
AH/O-10	22 mm	6,00	12,50	-	-	4,50-6,60	0414-1339	509,97 €	179
AH/O-11	22 mm	8,50	22,00	-	-	7,90-9,35	0414-1340	543,23 €	179
AH/O-12	22 mm	12,00	30,00	-	-	10,80-13,20	0414-1341	on request	179

### HEATING BURNER FOR USE WITH FUEL GAS / OXYGEN



w = water cooled

Consumption m <sup>3</sup> /h									
Type	Injector	Acetylene	Hydrogen	Propane	Natural Gas	Oxygen p=2,0-4,0 bar	Art. No	Price	PG
PM/O-w-12	22 mm	-	-	4,30	9,00	14,40-16,10	0414-0929	1.607,53 €	179
PM/O-w-14	22 mm	-	-	5,20	12,00	19,20-19,50	0414-0930	1.729,48 €	179
PM/O-w-16	22 mm	-	-	6,50	15,00	24,00-24,40	0414-0931	1.851,43 €	179
AH/O-w-10	22 mm	6,00	12,50	-	-	4,50-6,60	0414-0926	1.946,77 €	179
AH/O-w-11	22 mm	8,50	22,00	-	-	7,90-9,35	0414-0927	1.946,77 €	179
AH/O-w-12	22 mm	12,00	30,00	-	-	10,80-13,20	0414-0928	2.078,70 €	179

### HEATING BURNER FOR USE WITH FUEL GAS / COMPRESSED AIR-VACUUM AIR



Consumption m <sup>3</sup> /h									
Type	Injector	Acetylene	Hydrogen	Propane	Natural Gas	Oxygen p = 2,5 bar	Art. No	Price	PG
WB-PM/DL50/16	Eco-Ven-10	-	-	1,90	3,50	5,20-8,50	0414-1437	1.259,42 €	179
WB-PM/DL70/20	Eco-Ven-10	-	-	4,00	7,50	11,25-18,75	0414-1438	1.417,95 €	179
WB-PM/DL100/30	Eco-Ven-15	-	-	10,50	19,00	28,00-47,00	0414-1439	1.584,25 €	179
WB-PM/SL50/16	SL 3/4	-	-	1,30	2,50	-	0414-0976	649,66 €	179
WB-PM/SL70/20	SL 1	-	-	2,80	5,30	-	0414-0977	687,36 €	179
WB-PM/SL100/30	SL 1 1/2	-	-	7,50	13,50	-	0414-0978	917,95 €	179



SCAN AND WATCH  
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IBEDA  
**ACCESSORIES**

## ACCESSORIES

### DOUBLE NIPPLE



Description	Art. No.	Price	PG
DGST G1/4RH - G1/4RH	0035-0760	1,98 €	104
DGST G1/4LH - G1/4LH	0035-0761	2,68 €	104
DGST G3/8RH - G3/8RH	0035-0762	2,68 €	104
DGST G3/8LH - G3/8LH	0035-0763	2,68 €	104
DGST G1/2RH - G1/2RH	0035-0764	5,48 €	104
DGST G1/2LH - G1/2LH	0035-0765	5,48 €	104
DGST G3/4RH - G3/4RH	0035-0766	8,82 €	104
DGST G3/4LH - G3/4LH	0035-0767	8,82 €	104
DGST G1RH - G1RH	0035-0768	19,51 €	104
DGST G1/4RH - G1/4LH	0035-0772	2,68 €	104
DGST G3/8RH - G1/4RH	0035-0773	2,68 €	104
DGST G3/8LH - G1/4RH	0035-0774	2,87 €	104
DGST G3/8RH - G3/8LH	0035-0777	2,75 €	104
DGST G1/2RH - G3/8RH	0035-0778	5,48 €	104
DGST G1/2RH - G3/8LH	0035-0779	5,48 €	104
DGST G3/4RH - G3/8LH	0035-0781	8,38 €	104
DGST G1/2RH - G1/2LH	0035-0782	5,71 €	104
DGST G3/4RH - G1/2RH	0035-0783	9,23 €	104
DGST G3/4LH - G1/2RH	0035-0784	8,82 €	104
DGST G3/4LH - G3/4RH	0035-0786	8,82 €	104
DGST G1RH - G3/4RH	0035-0787	21,18 €	104
DGST G1 1/4RH - G1RH	0035-0788	42,24 €	104
DGST G1RH - G3/4LH	0035-0890	26,94 €	104
DGST G1RH - G1LH	0035-0891	20,51 €	104
DGST G1RH - G1/2RH	0035-0937	on request	104
DGST G1RH - G1/2LH	0035-0938	on request	104

### REDUCING NIPPLE EN 560



Description	Art. No.	Price	PG
G3/8RH - G1/4RH F/M	0055-0031	4,63 €	107
G1/4RH - G3/8RH F/M	0055-0032	4,63 €	107
G3/8RH - G3/8RH F/M	0055-0034	6,05 €	107
G1/2RH - G3/8RH F/M	0055-0035	6,43 €	107
G3/4RH - G3/8RH F/M	0055-0036	17,41 €	107
G3/8RH - G1/2RH F/M	0055-0039	6,71 €	107
G1/2LH - G3/8LH F/M	0055-0040	5,71 €	107
G1/2RH - G1/2RH F/M	0055-0041	5,65 €	107
G3/8LH - G1/2LH F/M	0055-0067	7,98 €	107
G3/8RH - G3/8LH F/M	0055-0070	6,93 €	107

F = female thread/ M = male thread

# ACCESSORIES

## HOSE PIN EN 560



Description	Art. No.	Price	PG
G1/4RH X 6,3 mm	0006-0453	2,36 €	105
G3/8RH X 6,3 mm	0006-0454	on request	105
G3/8LH X 6,3 mm	0006-0455	3,70 €	105
G3/8RH X 9 mm	0006-0460	3,75 €	105
G3/8LH X 9 mm	0006-0461	3,17 €	105
G1/2RH X 9 mm	0006-0462	5,76 €	105
G1/2"RH X 13 mm	0006-0465	on request	105

## SWIVEL NUT EN 560



Description	Art. No.	Price	PG
W21,8 X 1/14LH	0005-0204	4,38 €	106
W21,8 X 1/14RH	0005-0208	5,12 €	106
G3/4RH	0005-0211	4,08 €	106
W24,32 X 1/14RH	0005-0212	4,08 €	106
G3/8RH SW22 B12,5	0005-0213	2,01 €	106
G1/4RH SW17 B9,5	0005-0243	0,81 €	106
G1/4LH SW17 B9,5	0005-0244	0,91 €	106
G3/8RH SW19 B12,5	0005-0245	0,91 €	106
G3/8LH SW19 B12,5	0005-0246	0,91 €	106
G1 1/4RH SW50 B33,4	0005-0253	21,73 €	106
G1 1/4LH SW50 B33,4	0005-0254	21,73 €	106
G3/4RH SW32 B19,5	0005-0271	4,08 €	106
G3/4LH SW32 B19,5	0005-0272	4,17 €	106
M16X1,5RH SW19 B12,5	0005-0273	0,80 €	106
M16X1,5LH SW19 B12,5	0005-0274	1,26 €	106
G1/4RH SW17 B10	0005-0278	0,71 €	106
G3/8LH SW22 B12,5	0005-0281	5,17 €	106
M28 X 1,5LH	0005-0288	11,86 €	106
G1/2LH SW24 B14,5 B	0005-0558	3,18 €	106
G1/2RH SW24 B14,5 B	0005-0557	3,18 €	106

## DOUBLE HOSE PIN EN 560



Description	Art. No.	Price	PG
4 mm	0006-0440	2,12 €	105
5 mm	0006-0441	2,34 €	105
6 mm	0006-0442	1,77 €	105
8 mm	0006-0443	1,67 €	105
9 mm	0006-0444	1,77 €	105
11 mm	0006-0446	4,05 €	105
16 mm	0006-0448	4,72 €	105
20 mm	0006-0449	8,06 €	105

### HOSE PIN EN 560



Description	Art. No.	Price	PG
G1/4 X 4 mm	0006-0367	1,25 €	105
G3/8 X 4 mm	0006-0368	1,61 €	105
G1/4 X 6 mm	0006-0374	1,11 €	105
G3/8 X 6 mm	0006-0375	1,41 €	105
G1/2 X 6 mm	0006-0376	3,08 €	105
G3/8 X 8 mm	0006-0378	1,50 €	105
G1/4 X 9 mm	0006-0433	1,90 €	105
G3/8 X 9 mm	0006-0381	1,50 €	105
G1/2 X 9 mm	0006-0382	3,04 €	105
G1/2 X 11 mm	0006-0386	3,08 €	105
G3/4 X 12,5 mm	0006-0435	7,31 €	105
G1/2 X 12,5 mm	0006-0437	3,08 €	105
G3/4 X 16 mm	0006-0390	7,31 €	105

### BRAZING AND WELDING NIPPLE



Description	Art. No.	Price	PG
<b>Brass</b>			
G1/4-8 mm	0023-0031	4,67 €	108
G3/8-8 mm	0023-0032	5,43 €	108
G3/8-10 mm	0023-0033	2,00 €	108
G3/8-12 mm	0023-0034	2,00 €	108
G1/2-10 mm	0023-0035	6,65 €	108
G1/2-12 mm	0023-0036	5,82 €	108
G1/2-14 mm	0023-0037	6,13 €	108
G3/4-16 mm	0023-0038	5,74 €	108
G1-20 mm	0023-0039	12,42 €	108
G1 1/4-25 mm	0023-0040	18,85 €	108
<b>Steel</b>			
G3/8-8 mm	0023-0051	19,40 €	108
G3/8-10 mm	0023-0052	8,76 €	108
G3/8-12 mm	0023-0053	5,76 €	108
G1/2-10 mm	0023-0054	17,52 €	108
G1/2-12 mm	0023-0055	16,41 €	108
G1/2-14 mm	0023-0056	14,86 €	108
G3/4-16 mm	0023-0057	20,84 €	108
G1-20 mm	0023-0058	on request	108
G1 1/4-25 mm	0023-0059	25,72 €	108

### ELBOW 135°



Description	Art. No.	Price	PG
G1/4RH NUT-G1/4RH	0041-0035	29,60 €	112
G3/8RH NUT-G1/4RH	0041-0036	37,25 €	112
G3/8RH NUT-G3/8RH	0041-0037	10,47 €	112
G3/8LH NUT-G3/8LH	0041-0038	9,93 €	112

# ACCESSORIES

## ELBOW 90°



Description	Art. No.	Price	PG
G1/4RH-G1/4RH F/M	7182-6666	13,86 €	112
G3/8LH-G3/8LH F/M	7182-6670	13,86 €	112
G3/8RH-G3/8RH F/M	7182-6667	13,86 €	112
G1/2LH-G1/2LH F/M	7182-6671	54,77 €	112
G1/2RH-G1/2RH F/M	7182-6668	54,77 €	112

F = female thread/ M = male thread

## DOUBLE NIPPLE WITH O-RING SEALING DIN ISO 228-1



Description	Art. No.	Price	PG
DGST G1/4RH - G3/8RH O-Ring	0035-1078	33,04 €	104
DGST G3/8RH - G3/8RH O-Ring	0035-1052	37,58 €	104
DGST G3/8LH - G3/8RH O-Ring	0035-1079	33,70 €	104
DGST G3/8RH - G1/2RH O-Ring	0035-1076	34,48 €	104
DGST G3/8LH - G1/2RH O-Ring	0035-1081	20,40 €	104
DGST G1/2RH - G1/2RH O-Ring	0035-1017	20,40 €	104
DGST G1/2LH - G1/2RH O-Ring	0035-1082	20,40 €	104
DGST G3/8RH - G1RH O-Ring	0035-1055	47,01 €	104
DGST G3/8LH - G1RH O-Ring	0035-1056	47,01 €	104
DGST G1/2RH - G1RH O-Ring	0035-1057	31,49 €	104
DGST G1/2LH - G1RH O-Ring	0035-1058	31,49 €	104

## COUPLER WITH O-RING SEALING DIN ISO 228-1



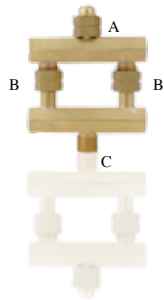
Description	Art. No.	Price	PG
VN G1/4RH NUT - G3/8RH O-Ring	0021-0618	43,57 €	104
VN G3/8RH NUT - G3/8RH O-Ring	0021-0578	55,21 €	104
VN G3/8LH NUT - G3/8RH O-Ring	0021-0619	43,68 €	104
VN G3/8RH NUT - G1/2RH O-Ring	0021-0606	40,58 €	104
VN G3/8LH NUT - G1/2RH O-Ring	0021-0607	40,58 €	104
VN G1/2RH NUT - G1/2RH O-Ring	0021-0577	43,57 €	104
VN G1/2LH NUT - G1/2RH O-Ring	0021-0608	44,68 €	104
VN G3/8RH NUT - G1RH O-Ring	0021-0433	54,77 €	104
VN G3/8LH NUT - G1RH O-Ring	0021-0434	54,77 €	104
VN G1/2RH NUT - G1RH O-Ring	0021-0431	58,09 €	104
VN G1/2LH NUT - G1RH O-Ring	0021-0432	58,09 €	104

### REGULATION VALVE



Description	Art. No.	Price	PG
G1/4RH	7180-0500	82,93 €	115
G3/8LH	7180-0502	93,57 €	115
G1/2LH	7180-0855	on request	115

### DISTRIBUTOR PAIR



Description			Art. No.	Price	PG
A	B	C			
G1/4RH	G1/4RH	G1/4RH	0001-0531	151,88 €	111
G3/8RH	G1/4RH	G3/8RH	0001-0532	151,88 €	111
G1/2RH	G3/8RH	G1/2RH	0001-0534	164,08 €	111
G3/8LH	G3/8LH	G3/8LH	0001-0533	141,91 €	111
G1/2LH	G3/8LH	G1/2LH	0001-0535	141,91 €	111

### T-PIECE



Description	Art. No.	Price	PG
G1/4RH-G1/4RH	0401-0365	37,14 €	111
G3/8RH-G1/4RH	0401-0366	on request	111
G3/8LH-G3/8LH	0401-0367	37,14 €	111

### HOSE SUPPORT



Description	Art. No.	Price	PG
<b>Durethan</b>			
12/12 13 mm	7650-0036	on request	113
13/13 14 mm	7650-0038	on request	113
16/16 17 mm	7650-0039	on request	113
11/11 12 mm	7650-0040	on request	113



# ACCESSORIES

## HOSE PACKAGE FOR ACETYLENE AND OXYGEN



Description	Art. No.	Price	PG
3 m G3/8LH-G1/4RH	0181-0181	141,68 €	113
5 m G3/8LH-G1/4RH	0181-0182	149,22 €	113
10 m G3/8LH-G1/4RH	0181-0183	253,10 €	113
15 m G3/8LH-G1/4RH	0181-0184	337,03 €	113

## FUEL GAS HOSE HOSE DN4 MM ONLY FOR ACETYLENE EN 559



Description	Art. No.	Price	PG
2Mpa-4 G3/8LH 3 m	7640-0400	23,50 €	113
2Mpa-4 G3/8LH 5 m	7640-0401	30,49 €	113
2Mpa-4 G3/8LH 10 m	7640-0402	47,12 €	113
2Mpa-4 G3/8LH 20 m	7640-0403	80,93 €	113
2Mpa-6 G3/8LH 3 m	7640-0404	68,18 €	113
2Mpa-6 G3/8LH 5 m	7640-0405	94,90 €	113
2Mpa-6 G3/8LH 10 m	7640-0406	161,64 €	113
2Mpa-6 G3/8LH 20 m	7640-0407	294,90 €	113
2Mpa-9 G3/8LH 3 m	7640-0408	97,56 €	113
2Mpa-9 G3/8LH 5 m	7640-0409	136,36 €	113
2Mpa-9 G3/8LH 10 m	7640-0410	202,66 €	113
2Mpa-9 G3/8LH 20 m	7640-0411	372,50 €	113
2Mpa-9 G1/2LH 3 m	7640-0412	90,35 €	113
2Mpa-9 G1/2LH 5 m	7640-0413	124,17 €	113
2Mpa-9 G1/2LH 10 m	7640-0414	209,09 €	113
2Mpa-9 G1/2LH 20 m	7640-0415	378,05 €	113
2Mpa-12 G1/2LH 3 m	7640-0416	113,86 €	113
2Mpa-12 G1/2LH 5 m	7640-0417	175,17 €	113
2Mpa-12 G1/2LH 10 m	7640-0418	329,27 €	113
2Mpa-12 G1/2LH 20 m	7640-0419	635,25 €	113

## LIQUID GAS HOSE WITH FITTINGS DIN 4815 PN6



Description	Art. No.	Price	PG
0,6Mpa-9 3/8LH 3 m	7640-0456	41,02 €	113
0,6Mpa-9 3/8LH 5 m	7640-0457	54,16 €	113
0,6Mpa-9 3/8LH 10 m	7640-0458	76,16 €	113
0,6Mpa-9 3/8LH 20 m	7640-0459	130,82 €	113
0,6Mpa-9 1/2LH 3 m	7640-0460	41,13 €	113
0,6Mpa-9 1/2LH 5 m	7640-0461	52,22 €	113
0,6Mpa-9 1/2LH 10 m	7640-0462	96,45 €	113
0,6Mpa-9 1/2LH 20 m	7640-0463	135,37 €	113
0,6Mpa-12,5 1/2LH 3 m	7640-0464	105,21 €	113
0,6Mpa-12,5 1/2LH 5 m	7640-0465	148,45 €	113
0,6Mpa-12,5 1/2LH 10 m	7640-0466	138,91 €	113
0,6Mpa-12,5 1/2LH 20 m	7640-0467	471,17 €	113

### OXYGEN HOSE WITH FITTINGS EN 559



Description	Art. No.	Price	PG
2Mpa-4 G1/4RH 3 m	7640-0436	51,22 €	113
2Mpa-4 G1/4RH 5 m	7640-0437	56,21 €	113
2Mpa-4 G1/4RH 10 m	7640-0438	46,12 €	113
2Mpa-4 G1/4RH 20 m	7640-0439	79,54 €	113
2Mpa-6,3 G1/4RH 3 m	7640-0440	on request	113
2Mpa-6,3 G1/4RH 5 m	7640-0441	43,02 €	113
2Mpa-6,3 G1/4RH 10 m	7640-0442	53,88 €	113
2Mpa-6,3 G1/4RH 20 m	7640-0443	78,94 €	113
2Mpa-9 G1/4RH 3 m	7640-0444	42,35 €	113
2Mpa-9 G1/4RH 5 m	7640-0445	55,76 €	113
2Mpa-9 G1/4RH 10 m	7640-0446	89,58 €	113
2Mpa-9 G1/4RH 20 m	7640-0447	177,60 €	113
2Mpa-9 G3/8RH 3 m	7640-0448	54,99 €	113
2Mpa-9 G3/8RH 5 m	7640-0449	83,39 €	113
2Mpa-9 G3/8RH 10 m	7640-0450	88,03 €	113
2Mpa-9 G3/8RH 20 m	7640-0451	155,10 €	113
2Mpa-12,5 G1/2RH 3 m	7640-0452	49,11 €	113
2Mpa-13 G1/2RH 5 m	7640-0453	85,59 €	113
2Mpa-13 G1/2RH 10 m	7640-0454	128,27 €	113
2Mpa-12 G1/2RH 20 m	7640-0455	194,01 €	113

### COMPRESSED AIR HOSE WITH FITTINGS



Description	Art. No.	Price	PG
1Mpa-6x3,5 G1/4RH 3 m	7640-0420	51,22 €	113
1Mpa-6x3,5 G1/4RH 5 m	7640-0421	56,21 €	113
1Mpa-6x3,5 G1/4RH 10 m	7640-0422	90,91 €	113
1Mpa-6x3,5 G1/4RH 20 m	7640-0423	160,31 €	113
1Mpa-6x3,5 G3/8RH 3 m	7640-0424	50,66 €	113
1Mpa-6x3,5 G3/8RH 5 m	7640-0425	64,63 €	113
1Mpa-6x3,5 G3/8RH 10 m	7640-0426	99,33 €	113
1Mpa-6x3,5 G3/8RH 20 m	7640-0427	168,74 €	113
1Mpa-9x3,5 G3/8RH 3 m	7640-0428	46,67 €	113
1Mpa-9x3,5 G3/8RH 5 m	7640-0429	73,72 €	113
1Mpa-9x3,5 G3/8RH 10 m	7640-0430	84,03 €	113
1Mpa-9x3,5 G3/8RH 20 m	7640-0431	102,99 €	113
1Mpa-9x3,5 G1/2RH 3 m	7640-0432	53,66 €	113
1Mpa-9x3,5 G1/2RH 5 m	7640-0433	50,66 €	113
1Mpa-9x3,5 G1/2RH 10 m	7640-0434	102,55 €	113
1Mpa-9x3,5 G1/2RH 20 m	7640-0435	121,95 €	113

# ACCESSORIES

## CYLINDER REGULATOR *ISO 2503, FOR 200 BAR*



Gastype	Pressure	Inlet	Outlet	Art. No.	Price	PG
Acetylene	25/1,5 bar	Clamp	G3/8LH	6454-0068	98,34 €	101
Oxygen	200/10 bar	G3/4	G1/4RH	6454-0065	92,46 €	101
Hydrogen	200/10 bar	W21,8X1/14LH	G3/8LH	6454-0090	92,46 €	101
Nitrogen	200/10 bar	W24,32X1/14RH	G1/4RH	6454-0067	92,46 €	101
CO <sub>2</sub> /Argon	200/10 bar	W21,8X1/14RH	G1/4RH	6454-0092	92,46 €	101
CO <sub>2</sub> /Argon	200/30 NI/min	W21,8X1/14RH	G1/4RH	6454-0096	92,46 €	101
CO <sub>2</sub> /Argon	200/Flowmeter 30NI/min	W21,8X1/14RH	G1/4RH	6454-0097	219,40 €	101

## CYLINDER REGULATOR *ISO 2503, FOR 300 BAR*



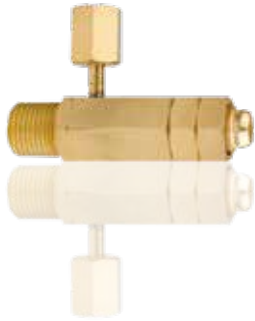
Gastype	Pressure	Inlet	Outlet	Art. No.	Price	PG
Oxygen	300/10 bar	CEN Nr. 7	G1/4RH	6454-0052	196,56 €	101
Oxygen	300/20 bar	CEN Nr. 7	G1/4RH	6454-0053	252,44 €	101
Fuel Gas	300/10 bar	CEN Nr. 4	G3/8LH	6454-0054	196,56 €	101
Inert Gas	300/Flowmeter 16 NI/min	CEN Nr. 1	G1/4RH	6454-0057	303,77 €	101
Inert Gas	300/Flowmeter 30 NI/min	CEN Nr. 1	G1/4RH	6454-0058	303,77 €	101
Inert Gas	300/16 NI/min	CEN Nr. 1	G1/4RH	6454-0055	on request	101
Inert Gas	300/30 NI/min	CEN Nr. 1	G1/4RH	6454-0056	on request	101

## PRESSURE GAUGE *EN 562*



Description	Art. No.	Price	PG
0-400/300 G1/4 63 mm Oxygen	7140-0018	15,96 €	114
0-315/200 G1/4 63 mm Oxygen	7140-0001	16,19 €	114
0-40/20 G1/4 63 mm Oxygen	7140-0004	15,96 €	114
0-16/10 G1/4 63 mm Oxygen	7140-0008	15,96 €	114
0-40/20 G1/4 63 mm Acetylene	7140-0006	15,96 €	114
0-2,5/1,5 G1/4 63 mm Acetylene	7140-0012	15,96 €	114
0-400/300 G1/4 63 mm Methan	7140-0019	15,96 €	114
0-315/200 G1/4 63 mm Methan	7140-0003	16,19 €	114
0-40/20 G1/4 63 mm Methan	7140-0007	15,96 €	114
0-16/10 G1/4 63 mm Methan	7140-0010	15,96 €	114
0-30 G1/4 63 mm CO <sub>2</sub> /Argon	7140-0013	15,96 €	114

### T-PIECE FOR PRESSURE GAUGE



Description	Art. No.	Price	PG
G1/4RH F/M Pressure gauge G1/4RH	7182-5530	89,80 €	112
G3/8LH F/M Pressure gauge G1/4RH	7182-5534	168,51 €	112
G3/8RH F/M Pressure gauge G1/4RH	7182-5532	127,49 €	112

**F = female thread / M = male thread**

### HIGH PRESSURE BALL VALVE



Description	Art. No.	Price	PG
BKH 20-320 G3/4 Approval No. 82DHK05479	7130-1084	249,11 €	115

**Manual quick action shut-off**

### BALL VALVE



Female thread on both sides with  
Teflon ball sealing, sealing  
with 2 EPDM O-Rings

- Material: to DIN 29539
- Free from oil and grease
- Grip yellow

Description	Art. No.	Gas Type	Price	PG
KH 8-1,5 G1/4F	3003-2001	Acetylene	24,94 €	115
KH 10-1,5 G3/8F	3003-2002	Acetylene	19,73 €	115
KH 15-1,5 G1/2F	3003-2003	Acetylene	25,28 €	115
KH 20-1,5 G3/4F	3003-2004	Acetylene	38,14 €	115
KH 25-1,5 G1 F	3003-2005	Acetylene	53,55 €	115

# ACCESSORIES

## BALL VALVE



Female thread on both sides with Teflon ball sealing, sealing with 2 FKM O-Rings

- Material: to DIN 29539
- Free from oil and grease
- Grip red

Description	Art. No.	Gas Type	Price	PG
KH 8-40 G1/4F	3003-2009	Fuel Gas	24,94 €	115
KH 10-40 G3/8F	3003-2012	Fuel Gas	19,73 €	115
KH 15-40 G1/2F	3003-2015	Fuel Gas	25,28 €	115
KH 20-40 G3/4F	3003-2018	Fuel Gas	38,14 €	115
KH 25-40 G1 F	3003-2021	Fuel Gas	53,55 €	115

## BALL VALVE



Female thread on both sides with Teflon ball sealing, sealing with 2 FKM O-Rings

- Material: to DIN 29539
- Free from oil and grease
- Grip black

Description	Art. No.	Gas Type	Price	PG
KH 8-40 G1/4F	3003-2010	Inert Gas/Compr. Air	24,94 €	115
KH 10-40 G3/8F	3003-2013	Inert Gas/Compr. Air	19,73 €	115
KH 15-40 G1/2F	3003-2016	Inert Gas/Compr. Air	25,28 €	115
KH 20-40 G3/4F	3003-2019	Inert Gas/Compr. Air	38,14 €	115
KH 25-40 G1 F	3003-2022	Inert Gas/Compr. Air	53,55 €	115

## BALL VALVE



Female thread on both sides with Teflon ball sealing, sealing with 2 FKM O-Rings

- Material: to DIN 29539
- Free from oil and grease
- Grip blue

Description	Art. No.	Gas Type	Price	PG
KH 8-30 G1/4F	3003-2011	Oxygen	24,94 €	115
KH 10-30 G3/8F	3003-2014	Oxygen	19,73 €	115
KH 15-30 G1/2F	3003-2017	Oxygen	25,28 €	115
KH 20-30 G3/4F	3003-2020	Oxygen	38,14 €	115
KH 25-30 G1 F	3003-2023	Oxygen	53,55 €	115

Other dimensions or materials on request



IBEDA  
**FLAME SPRAYING**





**DURALOY KIT**


Type	Art. No	Price	PG
DURALOY Kit G3/8 LH/RH	5000-0060	766,07 €	200

**DURALOY PLUS KIT**


Type	Art. No	Price	PG
DURALOY Plus Kit G3/8 LH/RH	5000-0097	1.254,98 €	200

**MINISPRAYJET KIT**


Type	Art. No	Price	PG
MINISPRAYJET Standard Kit G1/8RH - G1/8LH	5000-0014	2.352,54 €	200
MINISPRAYJET LT/A Kit G1/8RH - G1/8LH for low melting flame spraying powder	5000-0055	2.352,54 €	200

**UNISPRAYJET KIT**


Type	Art. No	Price	PG
UNISPRAYJET Standard Kit G1/4RH - G3/8LH - G1/8RH	5000-0015	3.596,43 €	200
UNISPRAYJET-SE Kit G1/4RH - G3/8LH to use with an external powder feeder	5000-0016	3.596,43 €	200

**FLAME SPRAYING SYSTEM F311FX-S**


Type	Art. No	Price	PG
Flame Spraying System F311FX-S	5000-0010	on request	200

# GENERAL INFORMATION

- All previous price lists are no longer valid once this version comes into effect.
- No statutory value added tax included in the prices stated.
- Payment as agreed.
- Deliveries are ex works excl. packaging unless otherwise agreed.
- **REMARK:** Minimum order value is 150,00€. For smaller orders a surcharge of 50,00€ will be invoiced.
- Errors and changes excepted.

**FURTHER PRODUCT INFORMATION ARE AVAILABLE ON OUR WEBSITE:**

## **GAS SAFETY ENGINEERING**

<https://www.ibeda.com/en/gas-safety-devices>



## **GAS MANIFOLD SYSTEMS**

<https://www.ibeda.com/en/gas-manifold-systems>



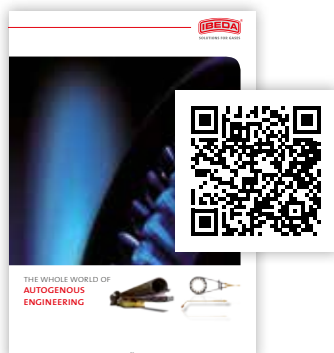
## **GAS MIXERS**

<https://www.ibeda.com/en/gas-mixers-gas-blenders>



## **AUTOGENOUS ENGINEERING**

<https://www.ibeda.com/en/autogenous-engineering>



## **FLAME SPRAYING**

<https://www.ibeda.com/en/flame-spraying-guns>



IBEDA PRODUCTS WORLDWIDE IN USE

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**SOLUTIONS FOR GASES**

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