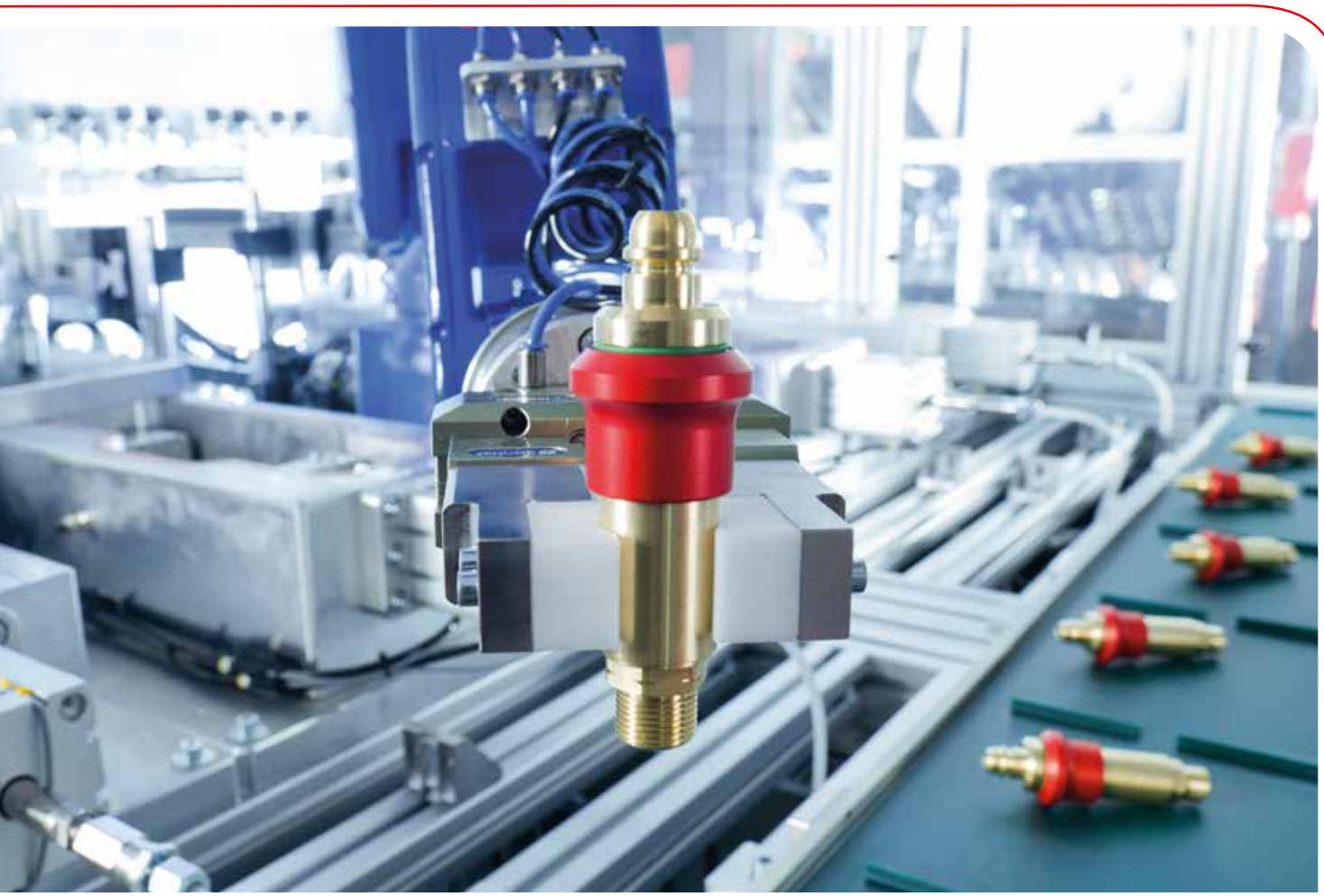
IBEDA®

SOLUTIONS FOR GASES



OVERVIEW PRODUCTS AND PRICES

PRICE LIST 2017/2018

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

IBEDA PRODUCT GROUPS

TABLE OF CONTENTS

GAS SAFETY ENGINEERING

TECHNICAL DATA / APPLICATION		p.4-5
SAFETY DEVICES	SRT, SR, DGN, DG, DG91N, DG91NH, DGN-VA, DG91N-VA, DEMAX5N-VA, DEMAX5N, ATEX, DS1000, DS2000, GG, GG-SS, GT, TT, DG91UA	p.6-9
HOSE COUPLINGS / PINS / COUPLING PLUG	DKT, DKT-W, DKD, DKD-W, DKG, DKG-W, D1, D2, D2SV WITH SV, D4, NKT, NKD, NKG, N1, N2, N4, GKD, GKG, G1, G4	p.9-12
SAFETY DEVICES WITH HOSE COUPLINGS	DGNDK, DGNK, GDK, DKST, DKSG, NKST, NKSG	p.13-14
SAFETY DEVICES	SSE, SIMAX, RSV	p.14
SAFETY DEVICES	ESF-3, ESFN-3, ESF-20, ESF-50, ESFN-U-20, ESFN-20,	p.15-16
FOR GAS MANIFOLDS	ESFN-U-20-L, ESFN-20-L	
SAFETY DEVICE GASSTOP	GS17, GS44	p.17
DOUBLE HOSE	DOUBLE HOSES AND CONNECTING NIPPLES	p.17
TESTING UNIT	PVGD	p.17

GAS NON-RETURN VALVES AND SAFETY DEVICES

TECHNICAL DATA / APPLICATION		p.19
GAS NON-RETURN VALVES / CHECK VALVES	GRV DN 25, GRV DN 32, GRV DN 50	p.19-20
GAS NON-RETURN VALVES / FLASHBACK RESISTANT	GRS DN 25, GRS DN 32, GRS DN 50	p.20

CENTRAL GAS MANIFOLD SYSTEMS

GAS MANIFOLD ACETYLENE	SINGLE-SIDED, DOUBLE-SIDED, AUTOMATIC CHANGE-OVER	p.22-23
MOBILE GAS MANIFOLD SYSTEM	TGMS AND GMS	p.23
GAS MANIFOLD OXYGEN AND TECHNICAL GASES	SINGLE-SIDED, DOUBLE-SIDED, AUTOMATIC CHANGE-OVER (MECHANICAL, PNEUMATICAL, ELECTRICAL)	p.24-26
EXTENSION MODULES / CONNECTION TUBES	FBSL, BBSL, FAS, BAS	p.26-27
CYLINDER SUPPORT PACKS	FH1, FH2, FH3	p.28
GAS PRE-HEATER	GVW 250	p.28
WELDING AND BRAZING FITTINGS	WITH O-RING-SEAL	p.28
TAPPING POINTS COMPLETE	E1, E10	p.28
TAPPING POINTS / BRACKETS	E1, E10	p.29
TAPPING POINTS COMPLETE	E1-AL	p.29
WALL BRACKETS	FOR E1-AL	p.29
TAPPING POINT MOBILE	GEV-5, GEV-2X5	p.29-30
TAPPING POINT PRESSURE REGULATOR	ED-H, EDF-H, ED-HH, ED-HS	p.30-31
GAS FILTER	HD-GF-10-300, GF-10-40, GF25-40	p.31
SAFETY DEVICE	ASV	p.31

AUTOGENOUS ENGINEERING

SINTER BURNER		p.33
HEATING BURNER		p.33
RIBBON BURNER		p.34
FLAME CLEANING BURNER		p.34
FLAME STRAIGHTENING BURNER		p.34
RING-/SWIVEL RING BURNER		p.35-36
HANDLES AND SHAFTS		p.36
VACUUM AIR INJECTOR	G-VEN, ECO-VEN	p.36
HEATING BURNER		p.37

ACCESSORIES

DOUBLE NIPPLE		p.39
HOSE CONNECTIONS TO EN 560	REDUCING NIPPLES, SWIVEL NUTS, DOUBLE HOSE PINS, HOSE PINS, BRAZING AND WELDING NIPPLES, ELBOWS, COUPLERS	p.39-42
REGULATION VALVES, DISTRIBUTOR PAIR		p.43
HOSE SUPPORT, HOSE CLIPS		p.43
HOSES	HOSE PACKAGES, HOSES FOR FUEL GAS / OXYGEN / PROPANE / COMPRESSED AIR	p.44-46
CYLINDER REGULATOR, GAUGES		p.47
T-PIECES FOR GAUGES		p.48
HIGH PRESSURE BALL VALVE		p.48
BALL VALVES	ACETYLENE, FUEL GAS, INERT GAS / COMPRESSED AIR, OXYGEN	p.48-49

FLAME SPRAYING

DURALOY KIT		p.51
DURALOY PLUS KIT		p.51
MINISPRAYJET KIT		p.51
UNISPRAYJET KIT		p.51
FLAME SPRAYING SYSTEM	F311FX-S	p.51

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
Approval																							
EN 730-1	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									
(EN730-1)																							
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)																							
SV (Gas shut-off valve)					x														x	x			
QAC (Quick-action coupling)					x														x	x			

Technical data																							
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)																								
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		4,0	3,5	3,5	3,5	3,5	3,5	3,0	4,0	4,0	4,0	10,0	-	-	-	4,0	4,0	4,0	4,0	4,0	4,0	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 Nm³/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 m³ = 1,31 cu.yd	0,12 (1,2)	19,0
Propane	0,90	1,0 m³ = 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 (EN 730 AND ISO 5175)

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	27,40 €	130
Fuel Gas	G 3/8 LH	3000-0227	27,40 €	130
Oxygen	UNF9/16 RH	3000-0396	27,40 €	130
Fuel Gas	UNF9/16 LH	3000-0417	27,40 €	130
Oxygen	G 3/8 RH	3000-0232	22,60 €	129
Fuel Gas	G 3/8 LH	3000-0231	22,60 €	129
Oxygen	UNF9/16 RH	3000-0567	22,60 €	129
Fuel Gas	UNF9/16 LH	3000-0569	22,60 €	129

FLASHBACK ARRESTOR DGN (EN 730 AND ISO 5175)

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	31,20 €	122
Fuel Gas	G 3/8 LH	3000-0181	31,20 €	122
Oxygen	UNF9/16 RH	3000-0349	31,20 €	122
Fuel Gas	UNF9/16 LH	3000-0350	31,20 €	122
Oxygen	M16X1,5RH	3000-0405	31,20 €	122
Fuel Gas	M16X1,5LH	3000-0404	31,20 €	122
Oxygen	1/4 NPT	3000-1253	54,90 €	122
Fuel Gas	1/4 NPT	3000-1252	54,90 €	122

FLASHBACK ARRESTOR DG (EN 730 AND ISO 5175)

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	28,00 €	123
Fuel Gas	G 3/8 LH	3000-0191	28,00 €	123
Oxygen	UNF9/16 RH	3000-0690	28,00 €	123
Fuel Gas	UNF9/16 LH	3000-0689	28,00 €	123
Oxygen	M16X1,5RH	3000-0692	28,00 €	123
Fuel Gas	M16X1,5LH	3000-0443	28,00 €	123

FLASHBACK ARRESTOR DG91N (EN 730 AND ISO 5175)

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	68,70 €	124
Fuel Gas	G 3/8 LH	3000-0367	68,70 €	124
Oxygen	UNF9/16 RH	3000-0694	68,70 €	124
Fuel Gas	UNF9/16 LH	3000-0693	68,70 €	124
Oxygen	M16X1,5RH	3000-1222	68,70 €	124
Fuel Gas	M16X1,5LH	3000-1221	68,70 €	124
Oxygen	G 1/2 RH	3000-0556	76,70 €	124
Fuel Gas	G 1/2 LH	3000-0197	76,70 €	124

FLASHBACK ARRESTOR DG91NH (EN 730 AND ISO 5175)

For higher working pressures
Acetylene 2,5 bar,
Hydrogen 10 bar,
Propane 10 bar
NV FA TV

		Art. No.	Price	PG
Fuel Gas	G 3/8 LH	3000-0375	83,50 €	124
Fuel Gas	G 1/2 LH	3000-0953	101,95 €	124

NV = non-return valve · FA = flame arrestor · TV = thermal cut-off · PV = pressure sensitive cut-off · SV = gas shut-off

FLASHBACK ARRESTOR DGN-VA (EN 730 AND ISO 5175)

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	205,00 €	122
Fuel Gas	NPT 1/4RH-F VA	3000-1546	205,00 €	122
Oxygen	NPT 1/4RH-F/M VA	3000-1586	205,00 €	122
Fuel Gas	NPT 1/4RH-F/M VA	3000-1585	205,00 €	122

FLASHBACK ARRESTOR DG91N-VA (EN 730 AND ISO 5175)

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	248,00 €	124
Fuel Gas	NPT 1/4RH-F VA	3000-1547	248,00 €	124
Oxygen	NPT 1/4RH-F/M VA	3000-0884	248,00 €	124
Fuel Gas	NPT 1/4RH-F/M VA	3000-0337	248,00 €	124

FLASHBACK ARRESTOR DEMAX5N-VA (EN 730 AND ISO 5175)

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	810,00 €	132
Fuel Gas	1NPT-F VA	3000-1528	810,00 €	132

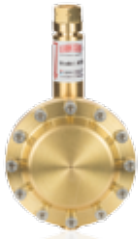
FLASHBACK ARRESTOR DEMAX5N (EN 730 AND ISO 5175)

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	187,90 €	132
Fuel Gas	G 1 RH-F	3000-0185	187,90 €	132

SAFETY DEVICE ATEX (EN 730 AND ISO 5175)



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	195,70 €	134
ATEX 20	G3/8LH F/G3/8LH	3000-0691	227,80 €	134

GAS SAFETY ENGINEERING

FLASHBACK ARRESTOR DS1000 (EN 730 AND ISO 5175)

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	64,70 €	126
Fuel Gas	G 3/8 LH	3000-0543	64,70 €	126
Oxygen	UNF9/16 RH	3000-0632	64,70 €	126
Fuel Gas	UNF9/16 LH	3000-0631	64,70 €	126

FLASHBACK ARRESTOR DS2000 (EN 730 AND ISO 5175)

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	109,90 €	126
Fuel Gas	G 3/8 LH	3000-0204	109,90 €	126
Oxygen	UNF9/16 RH	3000-0555	109,90 €	126
Fuel Gas	UNF9/16 LH	3000-0554	109,90 €	126

FLASHBACK ARRESTOR GG, GG-SS (EN 730 AND ISO 5175)

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	21,60 €	139
Fuel Gas	G 3/8 LH	3000-0211	21,60 €	139
Oxygen	UNF9/16 RH	3000-0351	21,60 €	139
Fuel Gas	UNF9/16 LH	3000-0352	21,60 €	139
Oxygen	M16X1,5RH	3000-0434	21,60 €	139
Fuel Gas	M16X1,5LH	3000-0435	21,60 €	139
Cutting Oxygen (e.g. for cutting machines)	G 3/8 RH	3000-1365	21,60 €	139

FLASHBACK ARRESTOR GT (EN 730 AND ISO 5175)

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	21,60 €	139
Oxygen	6,3 mm-UNF9/16 RH	3000-0568	21,60 €	139
Oxygen	8 mm-UNF9/16 RH	3000-0553	21,60 €	139
Fuel Gas	8 mm-G 3/8 LH	3000-0541	21,60 €	139
Fuel Gas	9 mm-G 3/8 LH	3000-0198	21,60 €	139
Fuel Gas	8 mm-UNF9/16 LH	3000-0552	21,60 €	139

FLASHBACK ARRESTOR TT (EN 730 AND ISO 5175)

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	22,00 €	143
Oxygen	8 mm	3000-0580	22,00 €	143
Fuel Gas	8 mm	3000-0579	22,00 €	143
Fuel Gas	9 mm	3000-0196	22,00 €	143

NV = non-return valve · FA = flame arrestor · TV = thermal cut-off · PV = pressure sensitive cut-off · SV = gas shut-off

FLASHBACK ARRESTOR DG91UA (EN 730 AND ISO 5175)

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	76,50 €	142
Fuel Gas	G 3/8 LH	3000-0294	76,50 €	142
Oxygen	UNF9/16 RH	3000-0717	76,50 €	142
Fuel Gas	UNF9/16 LH	3000-0716	76,50 €	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

Pull-System

SV

		Art. No.	Price	PG
DKT:				
Oxygen	6,3 mm	3000-0682	19,30 €	151
Inert Gas	6,3 mm	3000-0718	19,30 €	151
Oxygen	8 mm	3000-0677	19,30 €	151
Fuel Gas	8 mm	3000-0678	19,30 €	151
Inert Gas	8 mm	3000-0681	19,30 €	151
Fuel Gas	9 mm	3000-0223	19,30 €	151
DKT-W:				
Oxygen	6,3 mm	3000-1643	19,30 €	151
Inert Gas	6,3 mm	3000-2473	23,80 €	151
Oxygen	8 mm	3000-1241	19,30 €	151
Fuel Gas	8 mm	3000-1240	19,30 €	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
DKD:				
Oxygen	G 3/8 RH	3000-0636	19,80 €	150
Fuel Gas	G 3/8 LH	3000-0635	19,80 €	150
Inert Gas	G 3/8 RH	3000-0679	19,80 €	150
Oxygen	UNF9/16 RH	3000-0230	19,80 €	150
Fuel Gas	UNF9/16 LH	3000-0229	19,80 €	150
Inert Gas	UNF9/16 RH	3000-0719	19,80 €	150
DKD-W:				
Oxygen	G 3/8RH	3000-1243	19,80 €	150
Inert Gas	G 3/8RH	3000-1638	19,80 €	150
Fuel Gas	G 3/8LH	3000-1242	19,80 €	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

Pull-System

SV

		Art. No.	Price	PG
DKG:				
Oxygen	G 3/8 RH	3000-0637	19,30 €	151
Fuel Gas	G 3/8 LH	3000-0188	19,30 €	151
Inert Gas	G 3/8 RH	3000-0680	19,30 €	151
Oxygen	UNF9/16 RH	3000-0705	19,30 €	151
Fuel Gas	UNF9/16 LH	3000-0704	19,30 €	151
Inert Gas	UNF9/16 RH	3000-0706	19,30 €	151
DKG-W:				
Oxygen	G 3/8RH	3000-1245	19,30 €	151
Fuel gas	G 3/8LH	3000-1244	19,30 €	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	9,09 €	152
Fuel Gas	G 3/8 LH	0069-4002	9,09 €	152
Inert Gas	G 3/8 RH	0069-4012	9,09 €	152
Oxygen	UNF9/16 RH	0069-4008	9,09 €	152
Fuel Gas	UNF9/16 LH	0069-4003	9,09 €	152
Inert Gas	UNF9/16 RH	0069-4013	on request	152
Oxygen	G 1/2 RH	0069-4017	22,50 €	152
Fuel Gas	G 1/2 LH	0069-4016	22,50 €	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	9,09 €	152
Inert Gas	6,3 mm	0069-0410	9,09 €	152
Oxygen	8 mm	0069-0567	9,09 €	152
Fuel Gas	8 mm	0069-0566	9,09 €	152
Inert Gas	8 mm	0069-0587	9,09 €	152
Fuel Gas	9 mm	0069-0403	9,09 €	152

COUPLING PIN D2SV WITH SV (EN 561 AND ISO 7289)

Highlights:
- Gas cut-off
- Coding of coupling pins

SV

		Art. No.	Price	PG
Oxygen	6,3 mm	0069-0607	21,30 €	152
Inert Gas	6,3 mm	0069-0606	21,30 €	152
Fuel Gas	8 mm	0069-0611	21,30 €	152
Fuel Gas	9 mm	0069-0612	21,30 €	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	12,47 €	152
Fuel Gas	G 3/8 LH	0069-0281	12,47 €	152
Inert Gas	G 3/8 RH	0069-4222	12,47 €	152
Oxygen	UNF9/16RH	0069-0288	12,47 €	152
Fuel Gas	UNF9/16 LH	0069-0282	12,47 €	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	20,70 €	148
Fuel Gas	8 mm	3000-0633	20,70 €	148
Oxygen	8 mm	3000-0634	20,70 €	148
Fuel Gas	9 mm	3000-0270	20,70 €	148

NV = non-return valve · FA = flame arrestor · TV = thermal cut-off · PV = pressure sensitive cut-off · SV = gas shut-off

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	22,30 €	147
Fuel Gas	G 3/8 LH	3000-0649	22,30 €	147
Oxygen	UNF9/16 RH	3000-1276	22,30 €	147
Fuel Gas	UNF9/16 LH	3000-0701	22,30 €	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	20,70 €	148
Fuel Gas	G 3/8 LH	3000-0473	20,70 €	148
Oxygen	UNF9/16 RH	3000-0703	24,70 €	148
Fuel Gas	UNF9/16 LH	3000-0702	24,70 €	148

COUPLING PIN N1

		Art. No.	Price	PG
Oxygen	G 3/8 RH	0069-0142	3,17 €	149
Fuel Gas	G 3/8 LH	0069-0136	3,17 €	149
Oxygen	UNF9/16 RH	0069-0144	3,17 €	149
Fuel Gas	UNF9/16 LH	0069-0138	3,17 €	149

COUPLING PIN N2

		Art. No.	Price	PG
Oxygen	6,3 mm	0069-0418	3,11 €	149
Fuel Gas	8 mm	0069-0568	3,11 €	149
Oxygen	8 mm	0069-0569	3,11 €	149
Fuel Gas	9 mm	0069-0415	3,11 €	149

COUPLING PIN N4

		Art. No.	Price	PG
Oxygen	G 3/8 RH	0069-0163	13,90 €	149
Fuel Gas	G 3/8 LH	0069-0157	10,11 €	149

SCAN AND WATCH
VIDEO / ANIMATION
HOSE COUPLINGS

GAS SAFETY ENGINEERING

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	114,00 €	136
Fuel Gas	GKD-12-F/ G1/2LH	3000-0523	114,00 €	136
Oxygen	GKD-8-O/ G1/2RH	3000-0599	98,50 €	136
Fuel Gas	GKD-8-F/ G1/2LH	3000-0455	98,50 €	136

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	114,00 €	136
Fuel Gas	GKG-12-F/ G1/2LH	3000-0574	114,00 €	136
Oxygen	GKG-8-O/ G1/2RH	3000-0627	98,50 €	136
Fuel Gas	GKG-8-F/ G1/2LH	3000-0593	98,50 €	136

COUPLING PIN G1

Highlights:
- Coding of coupling pins

		Art. No.	Price	PG
Oxygen	G1-12 O G1/2RH	0069-0466	59,80 €	136
Fuel Gas	G1-12 F G1/2LH.	0069-0455	59,80 €	136
Oxygen	G1-8 O-G1/2RH	0069-0428	53,50 €	136
Fuel Gas	G1-8 F-G1/2LH	0069-0427	53,50 €	136

COUPLING PIN G4

Highlights:
- Coding of coupling pins

		Art. No.	Price	PG
Oxygen	G4-12 O G1/2RH	0069-0473	59,80 €	136
Fuel Gas	G4-12 F G1/2LH	0069-0462	59,80 €	136
Oxygen	G4-8 O-G1/2RH	0069-0444	53,50 €	136
Fuel Gas	G4-8 F-G1/2LH	0069-0438	53,50 €	136

NV = non-return valve · FA = flame arrestor · TV = thermal cut-off · PV = pressure sensitive cut-off · SV = gas shut-off

FLASHBACK ARRESTOR WITH HOSE COUPLING DGNDK (EN 730/EN 561 AND ISO 5175/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	49,40 €	128
Fuel Gas	G 3/8 LH	3000-0207	49,40 €	128
Oxygen	UNF9/16 RH	3000-0720	49,40 €	128
Fuel Gas	UNF9/16 LH	3000-0721	49,40 €	128

FLASHBACK ARRESTOR WITH HOSE COUPLING DGNK (EN 730 UND ISO 5175)

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	58,90 €	127
Fuel Gas	G 3/8 LH	3000-0651	58,90 €	127
Oxygen	UNF9/16RH	3000-0654	58,90 €	127
Fuel Gas	UNF9/16LH	3000-0653	58,90 €	127

FLASHBACK ARRESTOR GDK (EN 730/EN 561 AND ISO 5175/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	36,20 €	139
Fuel Gas	G 3/8 LH	3000-0657	36,20 €	139

FLASHBACK ARRESTOR WITH HOSE COUPLING DKST (EN 730/EN 561 AND ISO 5175/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	40,20 €	141
Fuel Gas	8 mm	3000-0460	40,20 €	141
Oxygen	8 mm	3000-0461	40,20 €	141
Fuel Gas	9 mm	3000-0209	40,20 €	141

FLASHBACK ARRESTOR WITH HOSE COUPLING DKSG (EN 730/EN 561 AND ISO 5175/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	40,20 €	141
Fuel Gas	G 3/8 LH	3000-0295	40,20 €	141
Oxygen	UNF9/16 RH	3000-0697	40,20 €	141
Fuel Gas	UNF9/16 LH	3000-0698	40,20 €	141

GAS SAFETY ENGINEERING

FLASHBACK ARRESTOR WITH HOSE COUPLING NKST (EN 730 AND ISO 5175)

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	42,10 €	140
Fuel Gas	8 mm	3000-0470	42,10 €	140
Oxygen	8 mm	3000-0469	42,10 €	140
Fuel Gas	9 mm	3000-0200	42,10 €	140

FLASHBACK ARRESTOR WITH HOSE COUPLING NKSG (EN 730 AND ISO 5175)

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	42,10 €	140
Fuel Gas	G 3/8 LH	3000-0471	42,10 €	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	218,30 €	135

FLASHBACK ARRESTOR SIMAX (EN 730 AND ISO 5175)

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	362,00 €	131
	G 1 RH - F	3000-0187	362,00 €	131
SIMAX 5N	G 1 RH - O	3000-0298	532,00 €	131
	G 1 RH - F	3000-0299	532,00 €	131
SIMAX 8N	G 1 RH - O	3000-0606	894,00 €	131
	G 1 RH - F	3000-0415	894,00 €	131

HIGH PRESSURE NON-RETURN VALVE RSV (EN 15615)

NV

	Gas Type	Art. No.	Price	PG
RSV M16x1,5RH F/M	A	0434-0052	77,00 €	173
RSV M16x1,5RH F/M	DHMNOPY	0434-0051	77,00 €	173

NV = non-return valve · FA = flame arrestor · TV = thermal cut-off · PV = pressure sensitive cut-off · SV = gas shut-off

SAFETY DEVICES FOR GAS MANIFOLDS / TUBE SYSTEMS ESF

TECHNICAL DATA

Types	ESF-3	ESFN-3	ESF-20	ESF-50	ESFN-U-20	ESFN-20	ESFN-U-20-L	ESFN-20-L
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
Acetylen (A)	1,5	1,5						
Sauerstoff (O)	20,0	20,0						
Druckluft (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

NV FA

Description	Type of Gas	Connection	Art. No	Price	PG
ESF-3	Fuel Gas	G1 F	3000-1964	219,00 €	133
ESF-3	Oxygen	G1 F	3000-1965	219,00 €	133

SAFETY DEVICE ESFN-3

NV FA TV

Description	Type of Gas	Connection	Art. No	Price	PG
ESFN-3	Fuel Gas	G1 F	3000-1970	240,00 €	133
ESFN-3	Oxygen	G1 F	3000-1971	240,00 €	133

GAS SAFETY ENGINEERING

SAFETY DEVICE ESF-20

NV FA

Description	Type of Gas	Connection	Art. No	Price	PG
ESF-20	Fuel Gas	G1 F	3000-1974	226,00 €	133

SAFETY DEVICE ESF-50

NV FA

Description	Type of Gas	Connection	Art. No	Price	PG
ESF-50	Fuel Gas	G1 F	3000-1977	241,00 €	133

SAFETY DEVICE ESFN-U-20

NV FA TV

Description	Type of Gas	Connection	Art. No	Price	PG
ESFN-U-20	Fuel Gas	G1 F	3000-1979	260,00 €	133
ESFN-U-20	Fuel Gas	G1 M/F	3000-1981	265,00 €	133

SAFETY DEVICE ESFN-20

NV FA TV

Description	Type of Gas	Connection	Art. No	Price	PG
ESFN-20	Fuel Gas	G1 RH F/M	3000-1986	268,00 €	133
ESFN-20	Fuel Gas	G1 LH F/M	3000-1987	268,00 €	133

SAFETY DEVICE ESFN-U-20-L

NV FA TV

Description	Type of Gas	Connection	Art. No	Price	PG
ESFN-U-20-L	Fuel Gas	G1 RH F	3000-1993	320,00 €	133
ESFN-U-20-L	Fuel Gas	G1 RH M/F	3000-1994	315,00 €	133

SAFETY DEVICE ESFN-20-L

NV FA TV

Description	Type of Gas	Connection	Art. No	Price	PG
ESFN-20-L	Fuel Gas	G1 LH F/M	3000-1998	315,00 €	133

NV = non-return valve · FA = flame arrestor · TV = thermal cut-off · PV = pressure sensitive cut-off · SV = gas shut-off
Please check product sheet for other thread dimension

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
- GS44R with regulator comb 0.5-4 bar

	Art. No.	Price	PG
GS17RM	0471-0271.F	136,70 €	153
GS17R	0471-0272.F	126,40 €	153
GS17	0471-0279.F	112,10 €	154
GS44RM	0471-0275.F	152,80 €	153
GS44R	0471-0276.F	139,40 €	153

DOUBLE HOSE AND CONNECTING NIPPLES

	Art. No.	Price	PG
GS17 Double hose L = 3 m	0181-0023.F	66,60 €	155
GS17 Double hose L = 5 m	0181-0014.F	76,60 €	155
GS17 Double hose L = 10 m	0181-0015.F	123,60 €	155
GS17 Connecting nipple G3/8LH	0382-0817.F	12,50 €	156
GS17 Connecting nipple	0035-0704.F	14,90 €	156
GS44 Double hose L = 3 m	0181-0121.F	153,00 €	155
GS44 Double hose L = 5 m	0181-0017.F	176,20 €	155
GS44 Double hose L = 10 m	0181-0018.F	264,00 €	155
GS44 Connecting nipple G3/8LH	0382-0980.F	22,40 €	156
GS44 Connecting nipple	0035-0705.F	21,00 €	156
Manometer 0-6 G1/4 50mm	7140-0326	19,40 €	114
Propane Gas-Stop			

TESTING EQUIPMENT PVGD

	Art. No.	Price	PG
Testing Instrument PVGD	3003-0202	1.205,00 €	146
Flashback Arrestor Test Label	0050-0447	0,13 €	122
FBA testing report pad, threefold	0050-0223	12,60 €	122

For annual testing
of safety devices (EN 730/ISO5175)

Further information: www.ibeda.com/en/gas-safety-devices/flashback-arrestor-testing-instruments

SCAN AND WATCH
VIDEO TESTING EQUIPMENT PVGD

IBEDA®
SOLUTIONS FOR GASES

THE WHOLE WORLD OF

GAS NON-RETURN VALVES AND SAFETY DEVICES IN ACCORDANCE WITH EN 730-2

GAS NON-RETURN VALVES

TECHNICAL DATA

Types	Gas non-return valves / Check valves						
	GRV 25 ½"	GRV 25 ¾"	GRV 25 1"	GRV 32 1"	GRV 32 1¼"	GRV 50 1½"	GRV 50 2"
Safety elements							
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)	-	-	-	-	-	-	-

Types	Gas non-return valves (flashback resistant)						
	GRS 25 ½"	GRS 25 ¾"	GRS 25 1"	GRS 32 1"	GRS 32 1¼"	GRS 50 1½"	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/h³)*						
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
CHECK VALVES

Description	Connection thread	Dimensions Ø (mm)	Dimensions L (mm)	Weight (kg)	Housing material	Sealing material	Art. No	Price	PG
GRV25	G ½"	50	89	0,7	CW604	CR	3000-1721	139,00 €	133
GRV25	G ¾"	50	89	0,6	CW604	CR	3000-1723	139,00 €	133
GRV25	G 1"	50	89	0,7	CW604	CR	3000-1725	139,00 €	133
GRV25	NPT ½"	50	89	0,7	CW604	CR	3000-1737	139,00 €	133
GRV25	NPT ¾"	50	89	0,6	CW604	CR	3000-1739	139,00 €	133
GRV25	NPT 1"	50	89	0,7	CW604	CR	3000-1741	139,00 €	133

GAS NON-RETURN VALVES DN 32
CHECK VALVES

Description	Connection thread	Dimensions Ø (mm)	Dimensions L (mm)	Weight (kg)	Housing material	Sealing material	Art. No	Price	PG
GRV32	G 1"	60	95	1	CW604	CR	3000-1727	230,00 €	133
GRV32	G 1¼"	60	100	1,1	CW604	CR	3000-1701	230,00 €	133
GRV32	NPT 1"	60	95	1	CW604	CR	3000-1741	230,00 €	133
GRV32	NPT 1¼"	60	100	1,1	CW604	CR	3000-1745	230,00 €	133

GAS NON-RETURN VALVES

GAS NON-RETURN VALVES DN 50
CHECK VALVES

Description	Connection thread	Dimensions Ø (mm)	Dimensions L (mm)	Weight (kg)	Housing material	Sealing material	Art. No	Price	PG
GRV50	G 1½"	94	124	3,6	CW604	CR	3000-1706	392,00 €	133
GRV50	G 2"	94	145	4,4	CW604	CR	3000-1704	392,00 €	133
GRV50	NPT 1½"	94	124	3,7	CW604	CR	3000-1749	392,00 €	133
GRV50	NPT 2"	94	145	4,5	CW604	CR	3000-1751	392,00 €	133

GAS NON-RETURN VALVES DN 25

Flashback-resistant if compressed air is used as oxidant

Description	Connection thread	Dimensions Ø (mm)	Dimensions L (mm)	Weight (kg)	Housing material	Sealing material	Art. No	Price	PG
GRS25	G ½"	55	103	1,2	CW604	CR	3000-1708	164,00 €	133
GRS25	G ¾"	55	121	1,2	CW604	CR	3000-1711	164,00 €	133
GRS25	G 1"	55	108	1,1	CW604	CR	3000-1709	164,00 €	133
GRS25	NPT ½"	55	103	1,2	CW604	CR	3000-1787	164,00 €	133
GRS25	NPT ¾"	55	121	1,2	CW604	CR	3000-1789	164,00 €	133
GRS25	NPT 1"	55	108	1,1	CW604	CR	3000-1791	164,00 €	133

GAS NON-RETURN VALVES DN 32

Flashback-resistant if compressed air is used as oxidant

Description	Connection thread	Dimensions Ø (mm)	Dimensions L (mm)	Weight (kg)	Housing material	Sealing material	Art. No	Price	PG
GRS32	G 1"	65	150	2,1	CW604	CR	3000-1715	270,00 €	133
GRS32	G 1¼"	65	157	2,2	CW604	CR	3000-1702	270,00 €	133
GRS32	NPT 1"	65	150	2,1	CW604	CR	3000-1793	270,00 €	133
GRS32	NPT 1¼"	65	157	2,2	CW604	CR	3000-1795	270,00 €	133

GAS NON-RETURN VALVES DN 50

Flashback-resistant if compressed air is used as oxidant

Description	Connection thread	Dimensions Ø (mm)	Dimensions L (mm)	Weight (kg)	Housing material	Sealing material	Art. No	Price	PG
GRS50	G 1½"	94	175	5,9	CW604	CR	3000-1707	450,00 €	133
GRS50	G 2"	94	176	6	CW604	CR	3000-1705	450,00 €	133
GRS50	NPT 1½"	94	175	6	CW604	CR	3000-1797	450,00 €	133
GRS50	NPT 2"	94	176	6,1	CW604	CR	3000-1799	450,00 €	133

Other dimensions or materials on request

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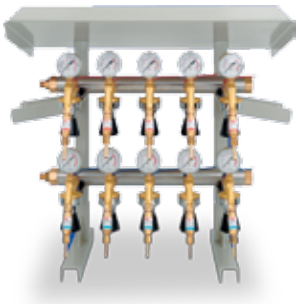
FOR ALL POINTS OF USE

CENTRAL GAS MANIFOLD SYSTEMS



GAS MANIFOLD SYSTEMS

GAS MANIFOLDS STATIONARY, ACETYLENE 1,5 BAR

Fig. 3002-0630

Fig. 3002-2237

Description	Design		(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	638,00 €	160
GMS-BKH-SSE-BT-25/1,5-DG91N-2x1	2x1 cylinder/bundle	double-sided	5,0 m³/h	3002-0627	1.090,00 €	160
GMS-BKH-SSE-BT-25/1,5-DG91N-2x2	2x2 cylinders/bundles	double-sided	5,0 m³/h	3002-0405	1.410,00 €	160
GMS-BKH-SSE-BT-25/1,5-DG91N-2x3	2x3 cylinders/bundles	double-sided	5,0 m³/h	3002-0425	1.490,00 €	160
GMS-SSE-BT-25/1,5-DG91N-1x1	1x1 cylinder/bundle	single-sided	5,0 m³/h	3002-1311	785,00 €	160
GMS-SSE-BT-25/1,5-DG91N-1x2	1x2 cylinders/bundles	single-sided	5,0 m³/h	3002-0628	810,00 €	160
GMS-SSE-BT-25/1,5-DG91N-1x3	1x3 cylinders/bundles	single-sided	5,0 m³/h	3002-0446	835,00 €	160
GMS-BKH-SSE-U13-25/1,5-SIMAX3-2x1	2x1 bundles	double-sided	24,0 m³/h	3002-0630	2.330,00 €	160
GMS-BKH-SSE-U13-25/1,5-SIMAX3-2x2	2x2 bundles	double-sided	24,0 m³/h	3002-1610	2.870,00 €	160
GMS-SSE-U13-25/1,5-SIMAX3-1x1	1x1 bundles	single-sided	24,0 m³/h	3002-1566	2.160,00 €	160
GMS-BKH-SSE-U47-25/1,5-SIMAX8-2x1	2x1 bundles	double-sided	70,0 m³/h	3002-1738	9.700,00 €	160
GMS-ASV-BT-25/1,5-DG91N-1x2	1x2 cylinder/bundles	single-sided	5,0 m³/h	3002-2236	1.851,00 €	160
GMS-BKH-ASV-U13-25/1,5-SIMAX3-2x1	2x1 bundles	double-sided	24,0 m³/h	3002-2237	3.072,00 €	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

STATIONARY AUTO-CHANGE MANIFOLD ACETYLENE

Fig. 3002-0639

Description	Capacity (m^3/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^3/h	3002-0639	3.310,00 €	160
GMS-AU-E-KM-SSE-BT-25/1,5-DEMAX-2x1-EEx-A				
2x1 cylinder/bundle, double-sided	5,0 m^3/h	3002-1681	6.860,00 €	160
GMS-AU-E-KM-SSE-U13-25/1,5-SIMAX5-2x1-EEx				
2x1 cylinder/bundle, double-sided	24,0 m^3/h	3002-1551	10.930,00 €	160

MOBILE GAS MANIFOLD SYSTEM

Fig. 3002-1740

Description	Capacity (m^3/h)	Art. No.	Price	PG
TGMS-BKH-SSE-U13-25/1,5-SIMAX3-2x1-GEV5				
2x1 cylinder/bundle, double-sided	24,0 m^3/h	3002-1740	4.400,00 €	172
TGMS-DV-U13-300/20-2x1-GEV-5-O				
2x1 cylinder/bundle, double-sided	320,0 m^3/h	3002-1741	3.160,00 €	172
TGMS-DV-U13-300/20-2x1-GEV-5-DN				
2x1 cylinder/bundle, double-sided	320,0 m^3/h	3002-1742	3.160,00 €	172
TGMS-DV-U13-300/20-2x1-GEV-5-HMPY				
2x1 cylinder/bundle, double-sided	320,0 m^3/h	3002-1743	3.160,00 €	172

MOBILE GAS MANIFOLD SYSTEM

Fig. 3002-1338 + 0097-0031

Description	Design		Capacity (m^3/h)	Art. No.	Price	PG
GMS-SSE-U13-25/1,5-SIMAX3-1x1(2)-G1/2LH	2x1 cylinder/bundle	double-sided	24,0 m^3/h	3002-1338	2.033,00 €	160
Hanger				0097-0031	173,10 €	172

GAS MANIFOLD SYSTEMS

STATIONARY, OXYGEN AND TECHNICAL GASES

Fig. 3002-0462

Description	Capacity (m³/h)	Art. No. Oxygen	Inert Gas	Fuel Gas	Propane	Price	PG
GMS-BT-300/20-1x1-EF							
1x1 cylinder/bundle, single-sided	60,0 m³/h	3002-0631	3002-1833	3002-1558		446,00 €	162
GMS-DV-BT-300/20-2x1							
2x1 cylinder/bundle, double-sided	60,0 m³/h	3002-1164	3002-0632	3002-1165		602,00 €	162
GMS-DV-BT-300/20-2x2							
2x2 cylinders/bundles, double-sided	60,0 m³/h	3002-0462	3002-0633	3002-1166		980,00 €	162
GMS-DV-BT-300/20-2x3							
2x3 cylinders/bundles, double-sided	60,0 m³/h	3002-0426	3002-1744	3002-1078		1.061,00 €	162
GMS-BT-300/20-1x1							
1x1 cylinder/bundle, single-sided	60,0 m³/h	3002-1147	3002-0973	3002-1745		540,00 €	162
GMS-BT-300/20-1x2							
1x2 cylinder/bundle, single-sided	60,0 m³/h	3002-1067	3002-0634	3002-1746		604,00 €	162
GMS-BT-300/20-1x3							
1x3 cylinder/bundle, single-sided	60,0 m³/h	3002-1748	3002-1749	3002-1750		667,00 €	162
GMS-DV-BT-40/6-2x1-P							
2x1 cylinder, double-sided	15,0 m³/h				3002-1455	654,00 €	162
GMS-DV-U11-40/8-2x1-P							
2x1 cylinder, double-sided	25,0 m³/h				3002-1751	1.740,00 €	162
GMS-DV-U11-40/8-2x2-P							
2x2 cylinder, double-sided	25,0 m³/h				3002-1752	2.395,00 €	162
GMS-DV-U13-300/20-2x1							
2x1 bundles, double-sided	320,0 m³/h	3002-1449	3002-0635	3002-1539		1.406,00 €	162
GMS-DV-U13-300/20-2x2							
2x2 bundles, double-sided	320,0 m³/h	3002-1722	3002-0636	3002-1753		1.850,00 €	162
GMS-U13-300/20-1x1							
1x1 bundle, single-sided	320,0 m³/h	3002-1707	3002-1754	3002-1755		1.170,00 €	162
GMS-U13-300/20-1x2							
1x2 bundle, single-sided	320,0 m³/h	3002-1284	3002-1756	3002-1757		1.183,00 €	162
GMS-U13-300/20-1x3							
1x3 bundle, single-sided	320,0 m³/h	3002-0248	3002-1758	3002-1759		1.209,00 €	162
GMS-DV-GVW-BT-300/20-2x1							
2x1 bundles, double-sided	60,0 m³/h	3002-1760	3002-0315			1.665,00 €	162
GMS-DV-GVW-BT-300/20-2x2							
2x2 bundles, double-sided	60,0 m³/h	3002-1762	3002-1761			1.740,00 €	162
GMS-DV-GVW-U13-300/20-2x1							
2x1 bundles, double-sided	320,0 m³/h	3002-1763	3002-0637			2.182,00 €	162
GMS-DV-GVW-U13-300/20-2x2							
2x2 bundles, double-sided	320,0 m³/h	3002-1765	3002-1764			2.290,00 €	162

STATIONARY MECHANICALLY CONTROLLED AUTO-CHANGE MANIFOLD
OXYGEN AND TECHNICAL GASES

Fig. 3002-1063

Description	Capacity (m^3/h)	Art. No. Oxygen	Inert Gas	Fuel Gas	Price	PG
GMS-AU-M-KM-BT-300/10-2x1-DNO						
2x1 cylinder/bundle, double-sided	60,0 m^3/h	3002-0638	3002-1063		1.980,00 €	162
GMS-AU-M-KM-BT-300/10-2x1-EEX-DHMNO						
2x1 cylinder/bundle, double-sided	60,0 m^3/h	3002-1766	3002-1767	3002-1768	2.660,00 €	162
GMS-AU-M-KM-BT-300/20-2x1-DNO						
2x1 cylinder/bundle, double-sided	60,0 m^3/h	3002-0314	3002-1048		2.212,00 €	162
GMS-AU-M-KM-BT-300/20-2x1-EEX-DHMNOY						
2x1 cylinder/bundle, double-sided	60,0 m^3/h	3002-1772	3002-1774	3002-1689	2.650,00 €	162
GMS-AU-M-KM-U13-300/20-2x1 - DNO						
2x1 cylinder/bundle, double-sided	320,0 m^3/h	3002-1773	3002-1295		4.790,00 €	162
GMS-AU-M-KM-U15-300/40-2x1 - DNO						
2x1 cylinder/bundle, double-sided	300,0 m^3/h	3002-1775	3002-1691		4.620,00 €	162

STATIONARY PNEUMATICALLY CONTROLLED AUTO-CHANGE MANIFOLD
OXYGEN AND TECHNICAL GASES

Fig. 3002-0640

Description	Capacity (m^3/h)	Art. No. Oxygen	Inert Gas	Fuel Gas	Price	PG
GMS-AU-P-KM-BT-300/10-2x1-DNO						
2x1 cylinder/bundle, double-sided	60,0 m^3/h	3002-1148	3002-0640		2.020,00 €	162
GMS-AU-P-KM-BT-300/10-2x1-EEX-DHMNOPY						
2x1 cylinder/bundle, double-sided	60,0 m^3/h	3002-1776	3002-1777	3002-1778	2.358,00 €	162
GMS-AU-P-KM-BT-300/20-2x1-DNO						
2x1 cylinder/bundle, double-sided	60,0 m^3/h	3002-1779	3002-0407		1.959,00 €	162
GMS-AU-P-KM-BT-300/20-2x1-EEX-DHMNOPY						
2x1 cylinder/bundle, double-sided	60,0 m^3/h	3002-1780	3002-1781	3002-1782	2.358,00 €	162

GAS MANIFOLD SYSTEMS

STATIONARY ELECTRICALLY CONTROLLED AUTO-CHANGE MANIFOLD
OXYGEN AND TECHNICAL GASES

Fig. 3002-1680

Description	Capacity (m^3/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 m^3/h	3002-1783	3002-1680		4.175,00 €	162
GMS-AU-E-KM-BT-300/16-2x2-DNO						
2x1 cylinder/bundle, double-sided	60,0 m^3/h	3002-1784	3002-1732		4.860,00 €	162
GMS-AU-E-KM-BT-300/16-2x1-EEx-DMNOY						
2x1 cylinder/bundle, double-sided	60,0 m^3/h	3002-1785	3002-1786	3002-1787	5.710,00 €	162
GMS-AU-E-KM-BT-300/16-2x2-EEx-DHMNOY						
2x1 cylinder/bundle, double-sided	60,0 m^3/h	3002-1788	3002-1789	3002-1790	4.930,00 €	162

EXTENSION MODULES FOR CYLINDER

Fig. 3002-0646

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

Description	Extension Module for	Art. No.	Price	PG
FBSL-E-2 cylinder-collecting pipe	2 cylinders single-sided	3002-0646	380,00 €	165
FBSL-E-3 cylinder-collecting pipe	3 cylinders single-sided	3002-1791	410,00 €	165
FBSL-E-4 cylinder-collecting pipe	4 cylinders single-sided	3002-1080	690,00 €	165
FBSL-Z-2 cylinder-collecting pipe	2 cylinders double-sided	3002-0647	725,00 €	165
FBSL-Z-3 cylinder-collecting pipe	3 cylinders double-sided	3002-0312	795,00 €	165
FBSL-Z-4 cylinder-collecting pipe	4 cylinders double-sided	3002-0648	1.380,00 €	165
BBSL-E-2 bundle-collecting pipe	2 bundles single-sided	3002-0649	470,00 €	165
BBSL-Z-2 bundle-collecting pipe	2 bundles double-sided	3002-0650	865,00 €	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	1.406,00 €	165
BBSL-E-3-A bundle-collecting pipe	3 bundles single-sided	3002-1794	2.027,00 €	165
BBSL-E-4-A bundle-collecting pipe	4 bundles single-sided	3002-1795	2.740,00 €	165
BBSL-E-5-A bundle-collecting pipe	5 bundles single-sided	3002-1796	2.459,00 €	165
BBSL-Z-2-A bundle-collecting pipe	2 bundles double-sided	3002-1797	3.160,00 €	165
BBSL-Z-3-A bundle-collecting pipe	3 bundles double-sided	3002-1798	4.180,00 €	165
BBSL-Z-4-A bundle-collecting pipe	4 bundles double-sided	3002-0565	5.420,00 €	165
BBSL-Z-5-A bundle-collecting pipe	5 bundles double-sided	3002-1136	6.970,00 €	165

CYLINDER/BUNDLE CONNECTION TUBE *(300 BAR)*

Fig. 0181-0394

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.

Description	Gas Type	Length	Art. No.	Price	PG
FAS W30x2RH - M24x1,5RH NL1000 RSVE	Inert Gas	1000	0181-0392	376,00 €	168
BAS W30x2RH - M24x1,5RH NL1800 RSVE	Inert Gas	1800	0181-0396	402,00 €	168
BAS W30x2RH - M24x1,5RH NL2500 RSVE	Inert Gas	2500	0181-0400	433,00 €	168
FAS W30x2RH - M24x1,5RH NL1000 RSVE	Compr. Air	1000	0181-0393	376,00 €	168
BAS W30x2RH - M24x1,5RH NL1800 RSVE	Compr. Air	1800	0181-0397	402,00 €	168
BAS W30x2RH - M24x1,5RH NL2500 RSVE	Compr. Air	2500	0181-0401	433,00 €	168
FAS W30x2LH - M24x1,5RH NL1000 RSVE	Fuel Gas	1000	0181-0391	376,00 €	168
BAS W30x2LH - M24x1,5RH NL1800 RSVE	Fuel Gas	1800	0181-0395	402,00 €	168
BAS W30x2LH - M24x1,5RH NL2500 RSVE	Fuel Gas	2500	0181-0399	433,00 €	168
FAS W30x2RH - M24x1,5RH NL1000 RSVE	Oxygen	1000	0181-0390	376,00 €	168
BAS W30x2RH - M24x1,5RH NL1800 RSVE	Oxygen	1800	0181-0394	402,00 €	168
BAS W30x2RH - M24x1,5RH NL2500 RSVE	Oxygen	2500	0181-0398	433,00 €	168

CYLINDER/BUNDLE CONNECTION TUBE *(ACETYLENE)*

Fig. 0181-0377

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.

Description	Gas Type	Length	Art. No.	Price	PG
FAS Clamp - M24x1,5RH NL1000-RSV	Acetylene	1000	0181-0371	203,70 €	166
BAS M28x1,5LH - M24x1,5RH NL1800-RSV	Acetylene	1800	0181-0377	223,20 €	166
BAS M28x1,5LH - M24x1,5RH NL2500-RSV	Acetylene	2500	0181-0383	284,00 €	166

CYLINDER/BUNDLE CONNECTION TUBE *(200 BAR)*

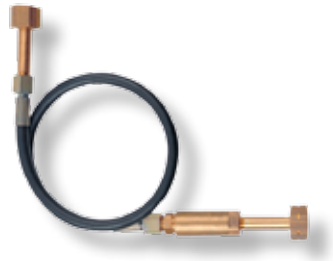


Fig. 0181-0381

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.

Description	Gas Type	Length	Art. No.	Price	PG
FAS W21,8x1/14LH - M24x1,5RH NL1000-RSV	Fuel Gas	1000	0181-0373	168,20 €	167
BAS W21,8x1/14LH - M24x1,5RH NL1800-RSV	Fuel Gas	1800	0181-0379	185,70 €	167
BAS W21,8x1/14LH - M24x1,5RH NL2500-RSV	Fuel Gas	2500	0181-0385	200,70 €	167
FAS W21,8x1/14RH - M24x1,5RH NL1000-RSV	Inert Gas	1000	0181-0374	168,20 €	167
BAS W21,8x1/14RH - M24x1,5RH NL1800-RSV	Inert Gas	1800	0181-0380	185,70 €	167
BAS W21,8x1/14RH - M24x1,5RH NL2500-RSV	Inert Gas	2500	0181-0386	200,70 €	167
FAS G3/4RH - M24x1,5RH NL1000-RSV	Oxygen	1000	0181-0372	337,00 €	167
BAS G3/4RH - M24x1,5RH NL1800-RSV	Oxygen	1800	0181-0378	351,00 €	167
BAS G3/4RH - M24x1,5RH NL2500-RSV	Oxygen	2500	0181-0384	451,00 €	167
FAS W24,32x1/14RH - M24x1,5RH NL1000-RSV	Nitrogen	1000	0181-0375	168,20 €	167
BAS W24,32x1/14RH - M24x1,5RH NL1800-RSV	Nitrogen	1800	0181-0381	185,70 €	167
BAS W24,32x1/14RH - M24x1,5RH NL2500-RSV	Nitrogen	2500	0181-0387	200,70 €	167
FAS G5/8RH - M24x1,5RH NL1000-RSV	Compr.Air	1000	0181-0376	168,20 €	167
BAS G5/8RH - M24x1,5RH NL1800-RSV	Compr.Air	1800	0181-0382	199,40 €	167
BAS G5/8RH - M24x1,5RH NL2500-RSV	Compr.Air	2500	0181-0388	200,70 €	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	27,60 €	165
FH1 Cylinder Support Pack compl. Propane	Propane	0443-0053	41,40 €	165
FH2 Cylinder Support Pack compl.	all gases, except Propane	0443-0052	44,20 €	165
FH2 Cylinder Support Pack compl. Propane	Propane	0443-0054	71,00 €	165
FH3 Cylinder Support Pack compl.	all gases, except Propane	0443-0056	66,70 €	165
FH3 Cylinder Support Pack compl. Propane	Propane	0443-0057	107,00 €	165

GAS PRE-HEATER GVW 250

The IBEDA gas pre-heater for gas manifold systems or cylinders for technical gases is used to reduce the occurance 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	375,00 €	102
Gas pre-heater 250Watt GMS PN300	O	M24x1,5RH F	M24x1,5RH M	3002-2310	375,00 €	102
Gas pre-heater-U 250Watt GMS PN300	DN	M24x1,5RH M	M24x1,5RH F	3002-2311	375,00 €	102
Gas pre-heater-U 250Watt GMS PN300	O	M24x1,5RH M	M24x1,5RH F	3002-2312	375,00 €	102
Gas pre-heater 250Watt PN300	O	W30x2RH F	W30x2RH M	3002-2313	399,00 €	102
Gas pre-heater 250Watt PN300	N	W30x2RH F	W30x2RH M	3002-2314	399,00 €	102
Gas pre-heater 250Watt PN200	O	G3/4RH F	G3/4RH M	3002-2315	423,00 €	102
Gas pre-heater 250Watt PN200	N	W21,8x1/14RH F	W21,8x1/14RH M	3002-2316	368,00 €	102
Gas pre-heater 250Watt PN200	N2	W24,32x1/14RH F	W24,32x1/14RH M	3002-2317	399,00 €	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	48,20 €	104
LV G3/4RH M O-Ring - LN22mm O-Ring	G3/4	Ø 22	0021-0718	53,60 €	104
LV G1RH M O-Ring - LN28mm O-Ring	G1	Ø 28	0021-0719	61,90 €	104
LV G1 1/2RH M O-Ring - LN42mm O-Ring	G1 1/2	Ø 42	0021-0720	112,50 €	104

TAPPING POINTS MODEL E1 AND E10

Fig. 0439-0103

Fig. 0439-0149

Description	Gas Type	Art. No.	Price	PG
Model E1				
E1-A Tapping Point Welding Nipple 12-G3/8LH	Acetylene	0439-0102	44,60 €	169
E1-O Tapping Point Brazing Nipple12-G3/8RH	Oxygen	0439-0103	44,60 €	169
E1-B Tapping Point Brazing Nipple 12-G3/8LH	Fuel Gas	0439-0104	44,60 €	169
E1-N Tapping Point Brazing Nipple 12-G3/8RH	Inert Gas	0439-0105	44,60 €	169
Model E10				
E10-A Tapping Point G1/2LH - SV-1/2“	Acetylene	0439-0146	140,80 €	169
E10-O Tapping Point G1/2RH - LV-18	Oxygen	0439-0147	109,20 €	169
E10-B Tapping Point G1/2LH - LV-18	Fuel Gas	0439-0148	109,20 €	169
E10-N Tapping Point G1/2RH - LV-18	Inert Gas	0439-0149	109,20 €	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	11,30 €	169
Bracket for two tapping points	0158-0002.B	12,10 €	169
Bracket for three tapping points	0158-0003.B	17,10 €	169
Bracket for four tapping points	0158-0004.B	22,60 €	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	56,15 €	169
E1AL-O Tapping Point LN 12-G3/8RH	Oxygen	0439-0203	56,15 €	169
E1AL-B Tapping Point LN 12-G3/8LH	Fuel Gas	0439-0204	56,15 €	169
E1AL-N Tapping Point LN 12-G3/8RH	Inert Gas	0439-0205	56,15 €	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	39,80 €	169
Wall Bracket for two tapping points	aluminium bracket, L200	0158-0020	58,00 €	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	680,00 €	172
GEV-5 Gas Distributor G1/2LH-G3/8LH -HMPY-	Fuel Gas	0403-0073	680,00 €	172
GEV-5 Gas Distributor G1/2LH-G3/8LH -A-	Acetylene	0403-0083	680,00 €	172
GEV-5 Gas Distributor G1/2RH-G3/8RH -DN-	Inert Gas	0403-0168	680,00 €	172

GAS MANIFOLD SYSTEMS

MOBILE DISTRIBUTOR MODEL GEV-2X5

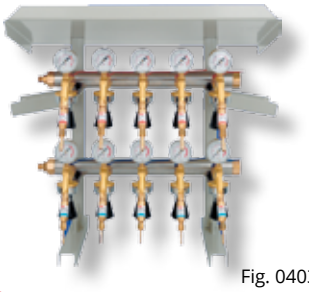


Fig. 0403-0074

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	2.130,00 €	172
GEV-2x5 Gas Distributor G1/2-G3/8-G1/2LH-G3/8LH	Oxygen / Fuel Gas	0403-0183	2.130,00 €	172
GEV-2x5 Gas Distributor G1/2-G3/8-G1/2LH-G3/8LH	Inert Gas / Fuel Gas	0403-0205	2.130,00 €	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 m³/h	0432-0471	81,90 €	170
ED-H Pressure Regulator Oxygen 10 bar	Oxygen	G3/8RH	G3/8RH	60,0 m³/h	0432-0666	76,30 €	170
ED-H Pressure Regulator Fuel Gas 4 bar	Fuel Gas	G3/8LH	G3/8LH	60,0 m³/h	0432-0473	97,10 €	170
ED-H Pressure Regulator Fuel Gas 10 bar	Fuel Gas	G3/8LH	G3/8LH	5,0 m³/h	0432-0474	97,30 €	170
ED-H Pressure Regulator Inert Gas 10 bar	Inert Gas	G3/8RH	G1/4RH	30,0 m³/h	0432-0475	81,90 €	170
ED-H Pressure Regulator Inert Gas 10bar	Inert Gas	G3/8RH	G3/8RH	60,0 m³/h	0432-0777	81,90 €	170
ED-H Pressure Regulator Shielding Gas 0-30 l/min	Inert Gas	G3/8RH	G1/4RH	30,0 l/Min	0432-0476	86,00 €	170
EDF-H Pressure Regulator Shielding Gas 0-30 l/min	Inert Gas	G3/8RH	G1/4RH	30,0 l/Min	0432-0477	133,50 €	170
EDF-H Pressure Regulator Shielding Gas 14 l/min	Inert Gas	G3/8RH	G1/4RH	14,0 l/Min	0432-0478	151,10 €	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 m³/h	0432-0470	220,20 €	170
ED-HH Pressure Regulator Oxygen 40 bar	Oxygen	G1/2RH	G1/2RH	120,0 m³/h	0432-0480	323,00 €	170
ED-HH Pressure Regulator Fuel Gas 15 bar	Fuel Gas	G1/2LH	G1/2LH	120,0 m³/h	0432-0624	193,50 €	170
ED-HH Pressure Regulator Inert Gas 40 bar	Inert Gas	G1/2RH	G1/2RH	120,0 m³/h	0432-0481	323,00 €	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 m³/h	0432-0707	100,60 €	170
ED-HS Pressure Regulator Oxygen 10 bar	Oxygen	G3/8RH	G1/4RH	60,0 m³/h	0432-0706	100,60 €	170
ED-HS Pressure Regulator Fuel Gas 10 bar	Fuel Gas	G3/8LH	G3/8LH	60,0 m³/h	0432-0746	100,60 €	170
ED-HS Pressure Regulator Propane 4 bar	Propane	G3/8LH	G3/8LH	5,0 m³/h	0432-0747	100,60 €	170
ED-HS Pressure Regulator Inert Gas 10 bar	Inert Gas	G3/8RH	G1/4RH	60,0 m³/h	0432-0748	100,60 €	170
ED-HS Pressure Regulator Inert Gas 30 l/min	Inert Gas	G3/8RH	G1/4RH	30,0 l/min	0432-0750	100,60 €	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	204,00 €	110
Gasfilter HDGF-T10-25 1/4NPT F/F15µm A	1/4 NPT F	1/4 NPT F	25 bar	15µm	3003-2090	204,00 €	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	172,00 €	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	172,00 €	110
Gasfilter GF-T 25-40 G1RH F/F B30µm ODNF	G 1 RH F	G 1 RH F	40 bar	30µm	3003-2068	462,00 €	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	645,00 €	110
Gasfilter GF-L 25-40 G1RH F/F B30µm ODNF	G 1 RH F	G 1 RH F	40 bar	30µm	3003-2062	378,00 €	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	545,00 €	110

Further connections available on request

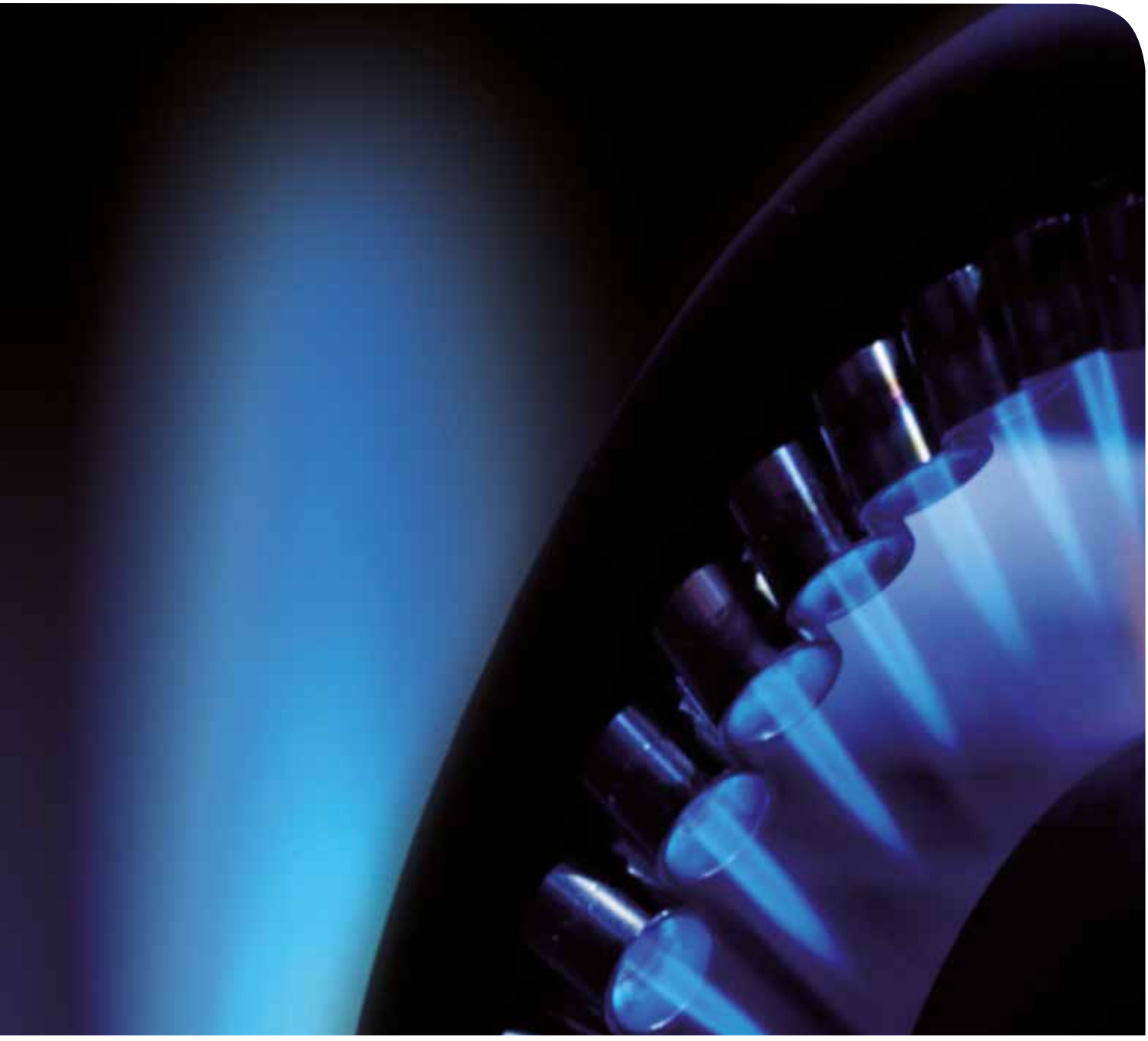
SAFETY DEVICE ASV

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.

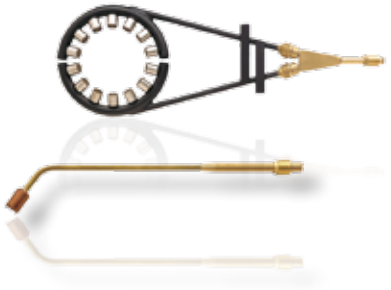
Description	Operating pressure P1	Shut-off pressue P1	Shut-off pressue P2	Gas Type	Connection Threads		Art. No.	Price	PG
					Inlet	Outlet			
Safety device ASV	4 - 25 bar	27 bar	2,0 bar*	Acetylene	1/4NPT F	1/4NPT F	3002-2241	885,00 €	135

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

IBEDA®
SOLUTIONS FOR GASES



THE WHOLE WORLD OF
AUTOGENOUS ENGINEERING



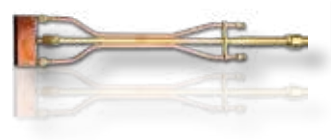
AUTOGENOUS ENGINEERING

SINTER BURNER FOR USE WITH FUEL GAS / OXYGEN

	Consumption m³/h								
Type	Injector	Acetylene	Hydrogen	Propane	Natural Gas	Oxygen p=2,0-4,0 bar	Art. No	Price	PG
AH/O-11	22 mm	8,50	22,00	-	-	7,90-9,40	0414-1340	490,00 €	179
AH/O-12	22 mm	12,00	30,00	-	-	10,80-13,20	0414-1341	520,00 €	179
AH/O-w-11	22 mm	8,50	22,00	-	-	7,90-9,40	0414-0927	1.756,00 €	179
AH/O-w-12	22 mm	12,00	30,00	-	-	10,80-13,20	0414-0928	1.875,00 €	179

w = water cooled

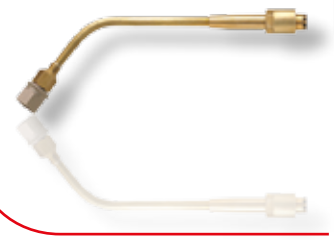
HEATING BURNER FOR USE WITH FUEL GAS / OXYGEN



	Consumption m³/h								
Type	Injector	Acetylene	Hydrogen	Propane	Natural Gas	Oxygen p=2,0-4,0 bar	Art. No	Price	PG
RT-AH/O-100-5	22 mm	10,00	15,00	-	-	5,40-11,00	0382-1491	1.310,00 €	177
RT-AH/O-150-5	22 mm	14,50	20,80	-	-	7,50-16,00	0382-1492	1.440,00 €	177
RT-AH/O-w-100-5	22 mm	10,00	15,00	-	-	5,40-11,00	0382-1493	1.630,00 €	177
RT-Ah/O-w-150-5	22 mm	14,50	20,80	-	-	7,50-16,00	0382-1494	1.820,00 €	177

w = water cooled

HEATING BURNER FOR USE WITH FUEL GAS / COMPRESSED AIR



	Consumption m³/h								
Type	Injector	Acetylene	Hydrogen	Propane	Natural Gas	Compr. Air p=2,5 bar	Art. No	Price	PG
PM/DL24/3	17 mm	-	-	0,04	0,07	0,56-0,76	0414-0938	283,00 €	179
PM/DL25/5	17 mm	-	-	0,12	0,30	2,28-2,40	0414-0939	254,00 €	305
PM/DLK40/10	17 mm	-	-	0,58	1,56	11,00-12,50	0414-0945	305,00 €	179
PM/DLK50/16	22 mm	-	-	1,9	3,50	28,00-36,00	0414-0949	410,00 €	179
A/DL/40/5	17 mm	1,00	-	-	-	5,00	0414-1430	725,00 €	179
A/DL/40/7	17 mm	1,60	-	-	-	8,00	0414-1431	800,00 €	179
A/DL/40/9	22 mm	2,00	-	-	-	10,00	0414-1432	895,00 €	179

HEATING BURNER FOR USE WITH FUEL GAS / OXYGEN

	Consumption m³/h								
Type	Injector	Acetylene	Hydrogen	Propane	Natural Gas	Oxygen p=2,5 bar	Art. No	Price	PG
PM/O-6	17 mm	-	-	0,40	0,90	1,40-1,50	0414-0919	265,00 €	179
PM/O-8	17 mm	-	-	1,10	2,50	4,00-4,10	0414-0920	290,00 €	179
PM/O-10	17 mm	-	-	3,00	7,50	11,2-12,00	0414-0921	320,00 €	179
AH/O-7	17 mm	1,70	4,50	-	-	1,60-1,90	0414-0912	330,00 €	179
AH/O-8	17 mm	2,50	7,00	-	-	2,50-2,80	0414-0913	345,00 €	179
AH/O-9	17 mm	4,00	10,00	-	-	3,60-4,40	0414-0914	370,00 €	179

AUTOGENOUS ENGINEERING

RIBBON BURNER FOR USE WITH FUEL GAS / COMPRESSED AIR

	Consumption m³/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	515,00 €	177
LAB-PM/DL-400	17 mm	-	-	1,10	2,50	9,50-13,10	0414-0967	690,00 €	177
LAB-AH/DL-200	17 mm	0,20	0,50	-	-	0,90-1,10	0414-1426	886,00 €	177
LAB-AH/DL-400	17 mm	0,30	0,78	-	-	1,40-1,70	0414-1427	1.105,00 €	177

RIBBON BURNER FOR USE WITH FUEL GAS / OXYGEN

	Consumption m³/h								
Type	Injector	Acetylene	Hydrogen	Propane	Natural Gas	Oxygen p=2,5 bar	Art. No	Price	PG
LAB-PM/O-200	17 mm	-	-	1,30	1,70	2,75-4,95	0414-1428	886,00 €	177
LAB-PM/O-400	17 mm	-	-	2,50	3,30	5,25-9,45	0414-1429	1.040,00 €	177
LAB-AH/O-200	17 mm	0,95	0,85	-	-	0,30-1,10	0414-0961	712,00 €	177
LAB-AH/O-400	17 mm	1,85	1,70	-	-	0,60-2,00	0414-0962	810,00 €	177

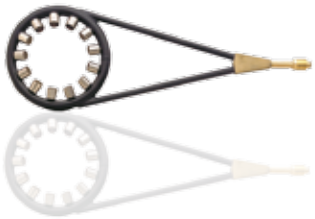
FLAME CLEANING BURNER FOR USE WITH FUEL GAS / OXYGEN

	Consumption m³/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	471,00 €	177
RT-PM100	17 mm	-	-	1,80	4,80	6,80-7,70	0414-0957	552,00 €	177
RT-PM150	22 mm	-	-	3,05	7,00	11,20-11,40	0414-0958	1.007,00 €	177
RT-PM200	22 mm	-	-	4,25	10,20	15,90-16,30	0414-0959	1.289,00 €	177
RT-PM250	22 mm	-	-	4,45	11,00	16,70-17,60	0414-0960	1.489,00 €	177
RT-AH50	17 mm	1,10	2,80	-	-	1,00-1,20	0414-0951	685,00 €	177
RT-AH100	17 mm	2,30	6,10	-	-	2,20-2,50	0414-0952	568,00 €	177
RT-AH150	17 mm	3,50	9,20	-	-	3,30-3,90	0414-0953	632,00 €	177
RT-AH200	22 mm	4,60	11,90	-	-	4,30-5,10	0414-0954	1.184,00 €	177
RT-AH250	22 mm	5,70	15,00	-	-	5,40-6,30	0414-0955	1.521,00 €	177

FLAME STRAIGHTENING BURNER FOR USE WITH FUEL GAS / OXYGEN

	Consumption m³/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	798,00 €	179
A/O-3/2-Size 4	17 mm	1,40	-	-	-	2,05	0417-1540	873,00 €	179
A/O-5/3-Size 3	17 mm	1,50	-	-	-	2,15	0417-1574	980,00 €	179
A/O-5/3-Size 4	17 mm	2,40	-	-	-	3,41	0417-1766	1.150,00 €	179

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

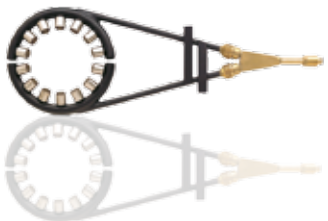


		Consumption m³/h							
Type	**Injector**	**Acetylene**	**Hydrogen**	**Propane**	**Natural Gas**	**Compr. Air p=2,0-4,0 bar**	**Art. No**	**Price**	**PG**
RB-PM/DL-50	17 mm	-	-	0,60	1,12	8,96-11,40	2201-0050	715,00 €	175
RB-PM/DL-100	17 mm	-	-	1,00	1,87	14,96-19,00	2201-0100	853,00 €	175
RB-PM/DL-200	17 mm	-	-	1,50	2,80	22,40-28,50	2201-0200	1.065,00 €	175
RB-PM/DL-300	22 mm	-	-	2,00	3,75	30,00-38,00	2201-0300	1.350,00 €	175
RB-AH/DL-50	17 mm	0,30	0,80	-	-	1,44-1,65	2271-0050	914,00 €	175
RB-AH/DL-100	17 mm	0,40	1,00	-	-	1,80-2,20	2271-0100	1.145,00 €	175
RB-AH/DL-200	17 mm	0,50	1,30	-	-	2,35-2,75	2271-0200	1.595,00 €	175
RB-AH/DL-300	22 mm	0,60	1,50	-	-	2,70-3,30	2271-0300	2.140,00 €	175

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

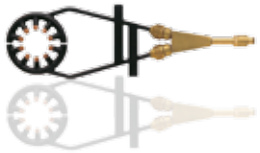
		Consumption m³/h							
Type	**Injector**	**Acetylene**	**Hydrogen**	**Propane**	**Natural Gas**	**Oxygen p=2,5 bar**	**Art. No**	**Price**	**PG**
RB-PM/O-50	17 mm	-	-	0,50	0,90	1,44-1,88	2211-0050	460,00 €	175
RB-PM/O-100	17 mm	-	-	0,80	1,40	2,24-3,00	2211-0100	535,00 €	175
RB-PM/O-200	17 mm	-	-	1,40	2,50	4,00-5,25	2211-0200	649,00 €	175
RB-PM/O-300	17 mm	-	-	2,00	3,60	5,76-7,50	2211-0300	686,00 €	175
RB-AH/O-50	17 mm	0,80	2,20	-	-	0,79-0,88	2251-0050	892,00 €	175
RB-AH/O-100	17 mm	1,30	3,60	-	-	1,43-1,30	2251-0100	1.009,00 €	175
RB-AH/O-200	17 mm	2,20	6,00	-	-	2,16-2,42	2251-0200	1.310,00 €	175
RB-AH/O-300	17 mm	3,00	8,30	-	-	2,99-3,30	2251-0300	1.638,00 €	175

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



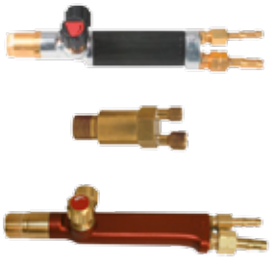
		Consumption m³/h							
Type	**Injector**	**Acetylene**	**Hydrogen**	**Propane**	**Natural Gas**	**Compr. Air p=2,5 bar**	**Art. No**	**Price**	**PG**
RSB-PM/DL-50	17 mm	-	-	0,60	1,12	8,96-11,4	2401-0050	927,00 €	176
RSB-PM/DL-100	17 mm	-	-	1,00	1,87	14,96-19,00	2401-0100	1.065,00 €	176
RSB-PM/DL-200	17 mm	-	-	1,50	2,80	22,40-28,50	2401-0200	1.287,00 €	176
RSB-PM/DL-300	22 mm	-	-	2,00	3,75	30,00-38,00	2401-0300	1.675,00 €	176
RSB-AH/DL-50	17 mm	0,30	-	-	-	1,44-1,65	2471-0050	978,00 €	176
RSB-AH/DL-100	17 mm	0,40	-	-	-	1,80-2,20	2471-0100	1.187,00 €	176
RSB-AH/DL-200	17 mm	0,50	-	-	-	2,35-2,75	2471-0200	1.684,00 €	176
RSB-AH/DL-300	22 mm	0,60	-	-	-	2,70-3,30	2471-0300	2.364,00 €	176

SWIVEL RING BURNER FOR USE WITH FUEL GAS / OXYGEN



		Consumption m³/h							
Type	Injector	Acetylene	Hydrogen	Propane	Natural Gas	Oxygen p=2,5 bar	Art. No	Price	PG
RSB-PM/O-50	17 mm	-	-	0,50	0,90	1,44-1,88	2411-0050	596,00 €	176
RSB-PM/O-100	17 mm	-	-	0,80	1,40	2,24-3,00	2411-0100	695,00 €	176
RSB-PM/O-200	17 mm	-	-	1,40	2,50	4,00-5,25	2411-0200	770,00 €	176
RSB-PM/O-300	17 mm	-	-	2,00	3,60	5,76-7,50	2411-0300	865,00 €	176
RSB-AH/O-50	17 mm	0,80	2,20	-	-	0,79-0,88	2451-0050	915,00 €	176
RSB-AH/O-100	17 mm	1,30	3,60	-	-	1,43-1,30	2451-0100	1.065,00 €	176
RSB-AH/O-200	17 mm	2,20	6,00	-	-	2,16-2,42	2451-0200	1.465,00 €	176
RSB-AH/O-300	17 mm	3,00	8,30	-	-	2,99-3,30	2451-0300	1.845,00 €	176

HANDLES AND SHAFTS



		Connections						
Type	Injector	Fuel Gas	Compr. Air	Vacuum air consumption	Compr.Air consumption	Art. No	Price	PG
Shaft S-17	17 mm	G3/8LH	G1/4RH	-	30 m³/h	0413-0310	92,00 €	181
Handle G-17	17 mm	G3/8LH	G1/4RH	-	30 m³/h	0408-0167	135,80 €	181
Shaft S-22	22 mm	G1/2LH	G3/8RH	-	50 m³/h	0413-0311	131,00 €	181
Handle G-22	22 mm	G1/2LH	G3/8RH	-	50 m³/h	0408-0201	379,00 €	181
Shaft S-H20	26 mm	G1/2LH	G3/8RH	-	120 m³/h	0413-0337	205,00 €	181
Handle G-HA20	26 mm	G3/4LH	G1/2RH	-	120 m³/h	0413-0282	330,00 €	181

VACUUM AIR INJECTOR ECO-VEN

Fig. 0413-0396

		Connections						
Type	Injector	Fuel Gas	Compr. Air	Vacuum air consumption	Compr.Air consumption	Art. No	Price	PG
Injector G-Ven-15	G 3/4-M	G1/2-F	G3/8-F	-	180 m³/h	0413-0234	289,00 €	184
Injector G-Ven-20	G 3/4-M	G 3/4-F	G1/2-F	-	180 m³/h	0413-0235	337,00 €	184
Injector G-Ven-25	G 1-M	G 1-F	G 3/4-F	-	600 m³/h	0413-0230	490,00 €	184
Vacuum air injector Eco-Ven-10	G 1/2-M	G 3/8-F	G1/4-F	60 m³/h	20 m³/h	0413-0396	889,00 €	184
Vacuum air injector Eco-Ven-15	G 1-M	G 1/2-F	G1/4-F	150 m³/h	50 m³/h	0413-0391	1.221,00 €	184
Vacuum air injector Eco-Ven-20	G 1 1/4-M	G 3/4-F	G3/8-F	300 m³/h	100 m³/h	0413-0341	1.371,00 €	184
Vacuum air injector Eco-Ven-25	G 1 1/2-M	G 1-F	G 1/2-F	450 m³/h	150 m³/h	0413-0333	1.639,00 €	184

HEATING BURNER FOR USE WITH FUEL GAS / OXYGEN

		Consumption m³/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	320,00 €	179
PM/O-12	22 mm	-	-	4,30	9,00	14,40-16,13	0414-0922	345,00 €	179
PM/O-14	22 mm	-	-	5,20	12,00	19,20-19,50	0414-0923	410,00 €	179
PM/O-16	22 mm	-	-	6,50	15,00	24,00-24,40	0414-0924	445,00 €	179
AH/O-10	22 mm	6,00	12,50	-	-	4,50-6,60	0414-1339	460,00 €	179
AH/O-11	22 mm	8,50	22,00	-	-	7,90-9,35	0414-1340	490,00 €	179
AH/O-12	22 mm	12,00	30,00	-	-	10,80-13,20	0414-1341	520,00 €	179

HEATING BURNER FOR USE WITH FUEL GAS / OXYGEN

		Consumption m³/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	1.450,00 €	179
PM/O-w-14	22 mm	-	-	5,20	12,00	19,20-19,50	0414-0930	1.560,00 €	179
PM/O-w-16	22 mm	-	-	6,50	15,00	24,00-24,40	0414-0931	1.670,00 €	179
AH/O-w-10	22 mm	6,00	12,50	-	-	4,50-6,60	0414-0926	1.756,00 €	179
AH/O-w-11	22 mm	8,50	22,00	-	-	7,90-9,35	0414-0927	1.756,00 €	179
AH/O-w-12	22 mm	12,00	30,00	-	-	10,80-13,20	0414-0928	1.875,00 €	179

w = water cooled

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

		Consumption m³/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	1.136,00 €	179
WB-PM/DL70/20	Eco-Ven-10	-	-	4,00	7,50	11,25-18,75	0414-1438	1.279,00 €	179
WB-PM/DL100/30	Eco-Ven-15	-	-	10,50	19,00	28,00-47,00	0414-1439	1.429,00 €	179
WB-PM/SL50/16	SL 3/4	-	-	1,30	2,50	-	0414-0976	586,00 €	179
WB-PM/SL70/20	SL 1	-	-	2,80	5,30	-	0414-0977	620,00 €	179
WB-PM/SL100/30	SL 1 1/2	-	-	7,50	13,50	-	0414-0978	828,00 €	179

SCAN AND WATCH
AUTOGENOUS ENGINEERING

IBEDA
ACCESSORIES

ACCESSORIES

DOUBLE NIPPLE

Description	Art. No.	Price	PG
DGST G1/4RH - G1/4RH	0035-0760	1,79 €	104
DGST G1/4LH - G1/4LH	0035-0761	2,42 €	104
DGST G3/8RH - G3/8RH	0035-0762	2,42 €	104
DGST G3/8LH - G3/8LH	0035-0763	2,42 €	104
DGST G1/2RH - G1/2RH	0035-0764	4,94 €	104
DGST G1/2LH - G1/2LH	0035-0765	4,94 €	104
DGST G3/4RH - G3/4RH	0035-0766	7,96 €	104
DGST G3/4LH - G3/4LH	0035-0767	7,96 €	104
DGST G1RH - G1RH	0035-0768	17,60 €	104
DGST G1/4RH - G1/4LH	0035-0772	2,42 €	104
DGST G3/8RH - G1/4RH	0035-0773	2,42 €	104
DGST G3/8LH - G1/4RH	0035-0774	2,59 €	104
DGST G3/8RH - G3/8LH	0035-0777	2,48 €	104
DGST G1/2RH - G3/8RH	0035-0778	4,94 €	104
DGST G1/2RH - G3/8LH	0035-0779	4,94 €	104
DGST G3/4RH - G3/8LH	0035-0781	7,56 €	104
DGST G1/2RH - G1/2LH	0035-0782	5,15 €	104
DGST G3/4RH - G1/2RH	0035-0783	8,33 €	104
DGST G3/4LH - G1/2RH	0035-0784	7,96 €	104
DGST G3/4LH - G3/4RH	0035-0786	7,96 €	104
DGST G1RH - G3/4RH	0035-0787	19,10 €	104
DGST G1 1/4RH - G1RH	0035-0788	38,10 €	104
DGST G1RH - G3/4LH	0035-0890	24,30 €	104
DGST G1RH - G1LH	0035-0891	18,50 €	104
DGST G1RH - G1/2RH	0035-0937	40,30 €	104
DGST G1RH - G1/2LH	0035-0938	29,70 €	104

REDUCING NIPPLE EN 560

Description	Art. No.	Price	PG
G3/8RH - G1/4RH F/M	0055-0031	4,18 €	107
G1/4RH - G3/8RH F/M	0055-0032	4,18 €	107
G3/8RH - G3/8RH F/M	0055-0034	5,46 €	107
G1/2RH - G3/8RH F/M	0055-0035	5,80 €	107
G3/4RH - G3/8RH F/M	0055-0036	15,70 €	107
G3/8RH - G1/2RH F/M	0055-0039	6,05 €	107
G1/2LH - G3/8LH F/M	0055-0040	5,15 €	107
G1/2RH - G1/2RH F/M	0055-0041	5,10 €	107
G3/8LH - G1/2LH F/M	0055-0067	7,20 €	107
G3/8RH - G3/8LH F/M	0055-0070	6,25 €	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	2,13 €	105
G3/8RH X 6,3 mm	0006-0454	3,27 €	105
G3/8LH X 6,3 mm	0006-0455	3,34 €	105
G3/8RH X 9 mm	0006-0460	3,38 €	105
G3/8LH X 9 mm	0006-0461	2,86 €	105
G1/2RH X 9 mm	0006-0462	5,20 €	105
G1/2“RH X 13 mm	0006-0465	5,10 €	105

SWIVEL NUT EN 560

Description	Art. No.	Price	PG
W21,8 X 1/14LH	0005-0204	3,95 €	106
W21,8 X 1/14RH	0005-0208	4,62 €	106
G3/4RH	0005-0211	3,68 €	106
W24,32 X 1/14RH	0005-0212	3,68 €	106
G3/8RH SW22 B12,5	0005-0213	1,81 €	106
G1/4RH SW17 B9,5	0005-0243	0,73 €	106
G1/4LH SW17 B9,5	0005-0244	0,82 €	106
G3/8RH SW19 B12,5	0005-0245	0,82 €	106
G3/8LH SW19 B12,5	0005-0246	0,82 €	106
G1 1/4RH SW50 B33,4	0005-0253	19,60 €	106
G1 1/4LH SW50 B33,4	0005-0254	19,60 €	106
G3/4RH SW32 B19,5	0005-0271	3,68 €	106
G3/4LH SW32 B19,5	0005-0272	3,76 €	106
M16X1,5RH SW19 B12,5	0005-0273	0,72 €	106
M16X1,5LH SW19 B12,5	0005-0274	1,14 €	106
G1/4RH SW17 B10	0005-0278	0,64 €	106
G1/4LH SW17 B10	0005-0279	0,73 €	106
G3/8LH SW22 B12,5	0005-0281	1,81 €	106
G1/2RH SW27 B15	0005-0282	4,20 €	106
G1/2LH SW27 B15	0005-0283	6,32 €	106
M28 X 1,5LH	0005-0288	10,70 €	106
G1/2LH SW24 B14,5 B	0005-0558	2,87 €	106
G1/2RH SW24 B14,5 B	0005-0557	2,87 €	106

DOUBLE HOSE PIN EN 560

Description	Art. No.	Price	PG
4 mm	0006-0440	1,91 €	105
5 mm	0006-0441	2,11 €	105
6 mm	0006-0442	1,60 €	105
8 mm	0006-0443	1,51 €	105
9 mm	0006-0444	1,60 €	105
11 mm	0006-0446	3,65 €	105
16 mm	0006-0448	4,26 €	105
20 mm	0006-0449	7,27 €	105

HOSE PIN EN 560

Description	Art. No.	Price	PG
G1/4 X 4 mm	0006-0367	1,13 €	105
G3/8 X 4 mm	0006-0368	1,45 €	105
G1/4 X 6 mm	0006-0374	1,00 €	105
G3/8 X 6 mm	0006-0375	1,27 €	105
G1/2 X 6 mm	0006-0376	2,78 €	105
G3/8 X 8 mm	0006-0378	1,35 €	105
G1/4 X 9 mm	0006-0433	1,71 €	105
G3/8 X 9 mm	0006-0381	1,35 €	105
G1/2 X 9 mm	0006-0382	2,74 €	105
G1/2 X 11 mm	0006-0386	2,78 €	105
G3/4 X 12,5 mm	0006-0435	6,59 €	105
G1/2 X 12,5 mm	0006-0437	2,78 €	105
G3/4 X 16 mm	0006-0390	6,59 €	105

BRAZING AND WELDING NIPPLE

Description	Art. No.	Price	PG
Brass			
G1/4-8 mm	0023-0031	5,26 €	108
G3/8-8 mm	0023-0032	4,90 €	108
G3/8-10 mm	0023-0033	1,80 €	108
G3/8-12 mm	0023-0034	1,80 €	108
G1/2-10 mm	0023-0035	6,00 €	108
G1/2-12 mm	0023-0036	5,25 €	108
G1/2-14 mm	0023-0037	5,53 €	108
G3/4-16 mm	0023-0038	5,18 €	108
G1-20 mm	0023-0039	11,20 €	108
G11/4-25 mm	0023-0040	17,00 €	108
Steel			
G3/8-8 mm	0023-0051	17,50 €	108
G3/8-10 mm	0023-0052	7,90 €	108
G3/8-12 mm	0023-0053	5,20 €	108
G1/2-10 mm	0023-0054	15,80 €	108
G1/2-12 mm	0023-0055	14,80 €	108
G1/2-14 mm	0023-0056	13,40 €	108
G3/4-16 mm	0023-0057	18,80 €	108
G1-20 mm	0023-0058	15,60 €	108
G11/4-25 mm	0023-0059	23,20 €	108

ELBOW 135°

Description	Art. No.	Price	PG
G1/4RH NUT-G1/4RH	0041-0035	26,70 €	112
G3/8RH NUT-G1/4RH	0041-0036	33,60 €	112
G3/8RH NUT-G3/8RH	0041-0037	9,44 €	112
G3/8LH NUT-G3/8LH	0041-0038	8,96 €	112

ACCESSORIES

ELBOW 90°

Description	Art. No.	Price	PG
G1/4RH-G1/4RH F/M	7182-6666	12,50 €	112
G3/8LH-G3/8LH F/M	7182-6670	12,50 €	112
G3/8RH-G3/8RH F/M	7182-6667	12,50 €	112
G1/2LH-G1/2LH F/M	7182-6671	49,40 €	112
G1/2RH-G1/2RH F/M	7182-6668	49,40 €	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	29,80 €	104
DGST G3/8RH - G3/8RH O-Ring	0035-1052	33,90 €	104
DGST G3/8LH - G3/8RH O-Ring	0035-1079	30,40 €	104
DGST G3/8RH - G1/2RH O-Ring	0035-1076	31,10 €	104
DGST G3/8LH - G1/2RH O-Ring	0035-1081	18,40 €	104
DGST G1/2RH - G1/2RH O-Ring	0035-1017	18,40 €	104
DGST G1/2LH - G1/2RH O-Ring	0035-1082	18,40 €	104
DGST G3/8RH - G1RH O-Ring	0035-1055	42,40 €	104
DGST G3/8LH - G1RH O-Ring	0035-1056	42,40 €	104
DGST G1/2RH - G1RH O-Ring	0035-1057	28,40 €	104
DGST G1/2LH - G1RH O-Ring	0035-1058	28,40 €	104

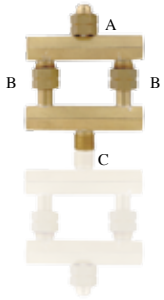
COUPLER WITH O-RING SEALING DIN ISO 228-1

Description	Art. No.	Price	PG
VN G1/4RH NUT - G3/8RH O-Ring	0021-0618	39,30 €	104
VN G3/8RH NUT - G3/8RH O-Ring	0021-0578	49,80 €	104
VN G3/8LH NUT - G3/8RH O-Ring	0021-0619	39,40 €	104
VN G3/8RH NUT - G1/2RH O-Ring	0021-0606	36,60 €	104
VN G3/8LH NUT - G1/2RH O-Ring	0021-0607	36,60 €	104
VN G1/2RH NUT - G1/2RH O-Ring	0021-0577	39,30 €	104
VN G1/2LH NUT - G1/2RH O-Ring	0021-0608	40,30 €	104
VN G3/8RH NUT - G1RH O-Ring	0021-0433	49,40 €	104
VN G3/8LH NUT - G1RH O-Ring	0021-0434	49,40 €	104
VN G1/2RH NUT - G1RH O-Ring	0021-0431	52,40 €	104
VN G1/2LH NUT - G1RH O-Ring	0021-0432	52,40 €	104

REGULATION VALVE

Description	Art. No.	Price	PG
G1/4RH	7180-0500	74,80 €	115
G3/8LH	7180-0502	84,40 €	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	137,00 €	111
G3/8RH	G1/4RH	G3/8RH	0001-0532	137,00 €	111
G1/2RH	G3/8RH	G1/2RH	0001-0534	148,00 €	111
G3/8LH	G3/8LH	G3/8LH	0001-0533	128,00 €	111
G1/2LH	G3/8LH	G1/2LH	0001-0535	128,00 €	111

T-PIECE

Description	Art. No.	Price	PG
G1/4RH-G1/4RH	0401-0365	33,50 €	111
G3/8RH-G1/4RH	0401-0366	33,50 €	111
G3/8LH-G3/8LH	0401-0367	33,50 €	111

HOSE SUPPORT

Description Durethan	Art. No.	Price	PG
12/12 13 mm	7650-0036	0,90 €	113
13/13 14 mm	7650-0038	0,90 €	113
16/16 17 mm	7650-0039	1,00 €	113
11/11 12 mm	7650-0040	0,90 €	113

ACCESSORIES

HOSE PACKAGE FOR ACETYLENE AND OXYGEN

Description	Art. No.	Price	PG
3 m G3/8LH-G1/4RH	0181-0181	127,80 €	113
5 m G3/8LH-G1/4RH	0181-0182	134,60 €	113
10 m G3/8LH-G1/4RH	0181-0183	228,30 €	113
15 m G3/8LH-G1/4RH	0181-0184	304,00 €	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	21,20 €	113
2Mpa-4 G3/8LH 5 m	7640-0401	27,50 €	113
2Mpa-4 G3/8LH 10 m	7640-0402	42,50 €	113
2Mpa-4 G3/8LH 20 m	7640-0403	73,00 €	113
2Mpa-6 G3/8LH 3 m	7640-0404	61,50 €	113
2Mpa-6 G3/8LH 5 m	7640-0405	85,60 €	113
2Mpa-6 G3/8LH 10 m	7640-0406	145,80 €	113
2Mpa-6 G3/8LH 20 m	7640-0407	266,00 €	113
2Mpa-9 G3/8LH 3 m	7640-0408	88,00 €	113
2Mpa-9 G3/8LH 5 m	7640-0409	123,00 €	113
2Mpa-9 G3/8LH 10 m	7640-0410	182,80 €	113
2Mpa-9 G3/8LH 20 m	7640-0411	336,00 €	113
2Mpa-9 G1/2LH 3 m	7640-0412	81,50 €	113
2Mpa-9 G1/2LH 5 m	7640-0413	112,00 €	113
2Mpa-9 G1/2LH 10 m	7640-0414	188,60 €	113
2Mpa-9 G1/2LH 20 m	7640-0415	341,00 €	113
2Mpa-12 G1/2LH 3 m	7640-0416	102,70 €	113
2Mpa-12 G1/2LH 5 m	7640-0417	158,00 €	113
2Mpa-12 G1/2LH 10 m	7640-0418	297,00 €	113
2Mpa-12 G1/2LH 20 m	7640-0419	573,00 €	113

OXYGEN HOSE WITH FITTINGS EN 559

Description	Art. No.	Price	PG
2Mpa-4 G1/4RH 3 m	7640-0436	20,40 €	113
2Mpa-4 G1/4RH 5 m	7640-0437	26,40 €	113
2Mpa-4 G1/4RH 10 m	7640-0438	41,60 €	113
2Mpa-4 G1/4RH 20 m	7640-0439	71,75 €	113
2Mpa-6,3 G1/4RH 3 m	7640-0440	19,40 €	113
2Mpa-6,3 G1/4RH 5 m	7640-0441	38,80 €	113
2Mpa-6,3 G1/4RH 10 m	7640-0442	48,60 €	113
2Mpa-6,3 G1/4RH 20 m	7640-0443	71,20 €	113
2Mpa-9 G1/4RH 3 m	7640-0444	38,20 €	113
2Mpa-9 G1/4RH 5 m	7640-0445	50,30 €	113
2Mpa-9 G1/4RH 10 m	7640-0446	80,80 €	113
2Mpa-9 G1/4RH 20 m	7640-0447	160,20 €	113
2Mpa-9 G3/8RH 3 m	7640-0448	49,60 €	113
2Mpa-9 G3/8RH 5 m	7640-0449	49,00 €	113
2Mpa-9 G3/8RH 10 m	7640-0450	79,40 €	113
2Mpa-9 G3/8RH 20 m	7640-0451	139,90 €	113
2Mpa-12,5 G1/2RH 3 m	7640-0452	44,30 €	113
2Mpa-13 G1/2RH 5 m	7640-0453	77,20 €	113
2Mpa-13 G1/2RH 10 m	7640-0454	115,70 €	113
2Mpa-12 G1/2RH 20 m	7640-0455	175,00 €	113

LIQUID GAS HOSE WITH FITTINGS DIN 4815 PN6

Description	Art. No.	Price	PG
0,6Mpa-9 3/8LH 3 m	7640-0456	37,00 €	113
0,6Mpa-9 3/8LH 5 m	7640-0457	45,60 €	113
0,6Mpa-9 3/8LH 10 m	7640-0458	68,70 €	113
0,6Mpa-9 3/8LH 20 m	7640-0459	118,00 €	113
0,6Mpa-9 1/2LH 3 m	7640-0460	37,10 €	113
0,6Mpa-9 1/2LH 5 m	7640-0461	47,10 €	113
0,6Mpa-9 1/2LH 10 m	7640-0462	87,00 €	113
0,6Mpa-9 1/2LH 20 m	7640-0463	122,10 €	113
0,6Mpa-12,5 1/2LH 3 m	7640-0464	94,90 €	113
0,6Mpa-12,5 1/2LH 5 m	7640-0465	133,90 €	113
0,6Mpa-12,5 1/2LH 10 m	7640-0466	125,30 €	113
0,6Mpa-12,5 1/2LH 20 m	7640-0467	425,00 €	113

ACCESSORIES

COMPRESSED AIR HOSE WITH FITTINGS

Description	Art. No.	Price	PG
1Mpa-6x3,5 G1/4RH 3 m	7640-0420	46,20 €	113
1Mpa-6x3,5 G1/4RH 5 m	7640-0421	50,70 €	113
1Mpa-6x3,5 G1/4RH 10 m	7640-0422	82,00 €	113
1Mpa-6x3,5 G1/4RH 20 m	7640-0423	144,60 €	113
1Mpa-6x3,5 G3/8RH 3 m	7640-0424	45,70 €	113
1Mpa-6x3,5 G3/8RH 5 m	7640-0425	58,30 €	113
1Mpa-6x3,5 G3/8RH 10 m	7640-0426	89,60 €	113
1Mpa-6x3,5 G3/8RH 20 m	7640-0427	152,20 €	113
1Mpa-9x3,5 G3/8RH 3 m	7640-0428	42,10 €	113
1Mpa-9x3,5 G3/8RH 5 m	7640-0429	66,50 €	113
1Mpa-9x3,5 G3/8RH 10 m	7640-0430	75,80 €	113
1Mpa-9x3,5 G3/8RH 20 m	7640-0431	92,90 €	113
1Mpa-9x3,5 G1/2RH 3 m	7640-0432	48,20 €	113
1Mpa-9x3,5 G1/2RH 5 m	7640-0433	45,70 €	113
1Mpa-9x3,5 G1/2RH 10 m	7640-0434	52,50 €	113
1Mpa-9x3,5 G1/2RH 20 m	7640-0435	110,00 €	113

FUEL GAS AND PROPANE HOSE

Description	Art. No.	Price	PG
2Mpa-4x3,5 DIN EN ISO 3821	7640-1102	6,70 €	113
2Mpa-6x3,5 ISO 3821	7640-0271	12,10 €	113
2Mpa-9x3,5 ISO 3821	7640-0469	12,80 €	113
2Mpa-12,5x4,5 ISO 3821	7640-0274	32,50 €	113

OXYGEN AND COMPRESSED AIR HOSE

Description	Art. No.	Price	PG
Oxygen			
2Mpa-4 x 3,5 ISO 3821	7640-0320	2,98 €	113
2Mpa-6,3 x 5,5 ISO 3821	7640-0321	3,30 €	113
2Mpa-9 x 5,5 ISO 3821	7640-0322	5,19 €	113
2Mpa-12,5x5 ISO 3821	7640-0323	19,30 €	113
Compressed Air			
1Mpa-6 DIN20018	7640-0296	6,26 €	113
1Mpa-9 DIN20018	7640-0297	5,38 €	113
1Mpa-13 DIN20018	7640-0298	4,70 €	113
1Mpa-15 DIN20018	7640-0299	6,09 €	113
1Mpa-19 DIN20018	7640-0279	5,75 €	113

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	88,70 €	101
Oxygen	200/10 bar	G3/4	G1/4RH	6454-0065	83,40 €	101
Hydrogen	200/10 bar	W21,8X1/14LH	G3/8LH	6454-0090	83,40 €	101
Nitrogen	200/10 bar	W24,32X1/14RH	G1/4RH	6454-0067	83,40 €	101
CO_2/Argon	200/10 bar	W21,8X1/14RH	G1/4RH	6454-0092	83,40 €	101
CO_2/Argon	200/30 NI/min	W21,8X1/14RH	G1/4RH	6454-0096	83,40 €	101
CO_2/Argon	200/Flowmeter 30NI/min	W21,8X1/14RH	G1/4RH	6454-0097	197,90 €	101

CYLINDER REGULATOR ISO 2503, FOR 300 BAR

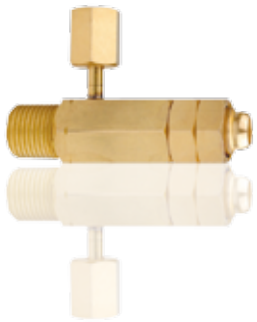
Gastype	Pressure	Inlet	Outlet	Art. No.	Price	PG
Oxygen	300/10 bar	CEN Nr. 7	G1/4RH	6454-0052	177,30 €	101
Oxygen	300/20 bar	CEN Nr. 7	G1/4RH	6454-0053	227,70 €	101
Fuel Gas	300/10 bar	CEN Nr. 4	G3/8LH	6454-0054	177,30 €	101
Inert Gas	300/Flowmeter 16 NI/min	CEN Nr. 1	G1/4RH	6454-0057	274,00 €	101
Inert Gas	300/Flowmeter 30 NI/min	CEN Nr. 1	G1/4RH	6454-0058	274,00 €	101
Inert Gas	300/16 NI/min	CEN Nr. 1	G1/4RH	6454-0055	177,30 €	101
Inert Gas	300/30 NI/min	CEN Nr. 1	G1/4RH	6454-0056	177,30 €	101

PRESSURE GAUGE EN 562

Description	Art. No.	Price	PG
0-400/300 G1/4 63 mm Oxygen	7140-0018	14,40 €	114
0-315/200 G1/4 63 mm Oxygen	7140-0001	14,40 €	114
0-40/20 G1/4 63 mm Oxygen	7140-0004	14,40 €	114
0-16/10 G1/4 63 mm Oxygen	7140-0008	14,40 €	114
0-40/20 G1/4 63 mm Acetylene	7140-0006	14,40 €	114
0-2,5/1,5 G1/4 63 mm Acetylene	7140-0012	14,40 €	114
0-400/300 G1/4 63 mm Methan	7140-0019	14,40 €	114
0-315/200 G1/4 63 mm Methan	7140-0003	14,60 €	114
0-40/20 G1/4 63 mm Methan	7140-0007	14,40 €	114
0-16/10 G1/4 63 mm Methan	7140-0010	14,40 €	114
0-30 G1/4 63 mm CO_2/Argon	7140-0013	14,40 €	114

ACCESSORIES

T-PIECE FOR PRESSURE GAUGE



Description	Art. No.	Price	PG
G1/4RH F/M			
Pressure gauge G1/4RH	7182-5530	81,00 €	112
G3/8LH F/M			
Pressure gauge G1/4RH	7182-5534	152,00 €	112
G3/8RH F/M			
Pressure gauge G1/4RH	7182-5532	115,00 €	112

F = female thread/ M = male thread

HIGH PRESSURE BALL VALVE

Description	Art. No.	Price	PG
BKH 20-320 G3/4	7130-1084	224,70 €	115
Approval No. 82DHK05479			

Manual quick action shut-off

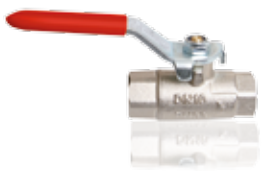
BALL VALVE

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	22,50 €	115
KH 10-1,5 G3/8F	3003-2002	Acetylene	17,80 €	115
KH 15-1,5 G1/2F	3003-2003	Acetylene	22,80 €	115
KH 20-1,5 G3/4F	3003-2004	Acetylene	34,40 €	115
KH 25-1,5 G1 F	3003-2005	Acetylene	48,30 €	115

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 red

Description	Art. No.	Gas Type	Price	PG
KH 8-40 G1/4F	3003-2009	Fuel Gas	22,50 €	115
KH 10-40 G3/8F	3003-2012	Fuel Gas	17,80 €	115
KH 15-40 G1/2F	3003-2015	Fuel Gas	22,80 €	115
KH 20-40 G3/4F	3003-2018	Fuel Gas	34,40 €	115
KH 25-40 G1 F	3003-2021	Fuel Gas	48,30 €	115

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 black

Description	Art. No.	Gas Type	Price	PG
KH 8-40 G1/4F	3003-2010	Inert Gas/Compr. Air	22,50 €	115
KH 10-40 G3/8F	3003-2013	Inert Gas/Compr. Air	17,80 €	115
KH 15-40 G1/2F	3003-2016	Inert Gas/Compr. Air	22,80 €	115
KH 20-40 G3/4F	3003-2019	Inert Gas/Compr. Air	34,40 €	115
KH 25-40 G1 F	3003-2022	Inert Gas/Compr. Air	48,30 €	115

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 blue

Description	Art. No.	Gas Type	Price	PG
KH 8-30 G1/4F	3003-2011	Oxygen	22,50 €	115
KH 10-30 G3/8F	3003-2014	Oxygen	17,80 €	115
KH 15-30 G1/2F	3003-2017	Oxygen	22,80 €	115
KH 20-30 G3/4F	3003-2020	Oxygen	34,40 €	115
KH 25-30 G1 F	3003-2023	Oxygen	48,30 €	115

Other dimensions or materials on request

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FLAME SPRAYING

FLAME SPRAYING

DURALOY KIT

Type	Art. No	Price	PG
DURALOY Kit G3/8 LH/RH	5000-0060	691,00 €	200

DURALOY PLUS KIT

Type	Art. No	Price	PG
DURALOY Plus Kit G3/8 LH/RH	5000-0097	1.132,00 €	200

MINISPRAYJET KIT

Type	Art. No	Price	PG
MINISPRAYJET Standard Kit G1/8RH - G1/8LH	5000-0014	2.122,00 €	200
MINISPRAYJET LT/A Kit G1/8RH - G1/8LH for low melting flame spraying powder	5000-0055	2.122,00 €	200

UNISPRAYJET KIT

Type	Art. No	Price	PG
UNISPRAYJET Standard Kit G1/4RH - G3/8LH - G1/8RH	5000-0015	3.244,00 €	200
UNISPRAYJET-SE Kit G1/4RH - G3/8LH to use with an external powder feeder	5000-0016	3.244,00 €	200

FLAME SPRAYING SYSTEM F311FX-S

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

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