

WITT Flashback Arrestors E460 for reliable protection against dangerous gas backflow and flashback according to DIN EN ISO 5175-1.

Every Arrestor 100% tested.

Certification N*: BAM/ZBA/003/04

The best Flashback Arrestors in the world

Benefits

- a large surface area flame arrestor FA of stainless steel construction extinguishes any dangerous flashback
- a spring loaded non-return valve NV prevents slow or sudden reverse gas flow forming explosive mixtures in the gas supply
- a filter at the gas inlet protects the arrestor against dirt contamination, extending the service life (valid for fuel gas version hose 9 and G 3/8 LH)

Operation / Usage

SK100-9

- the Flashback Arrestors of type series E460 may be installed at the inlet of the blowpipe
- model E460-1, E460-3, E460SK and E460SKU may be installed at torches for burners.

The E460SK and SKU conforming to EN 561 / ISO 7289 makes possible the use of the WITT-Couplingsystem SK100 for the fast connection and disconnection of the

blowpipe.

The E460-2 is for the installation in the hose – not nearer than 1 m in front of the blowpipe

Maintenance

- annual testing of the non-return valve, body leak tightness and flow capacity is recommended
- · WITT is happy to supply special test equipment
- Flashback Arrestors are only to be serviced by the manufacturer. The dirt filter may be replaced by competent staff

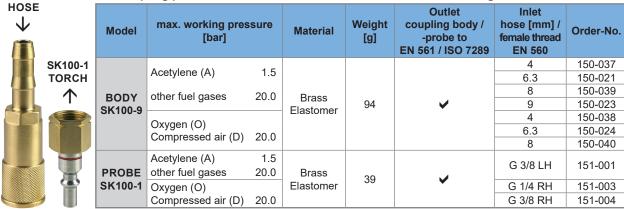
Approvals

Company certified according to ISO 9001

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

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

Coupling body SK100-9 (without non-return valve) for the coupling to E460SK and coupling probes SK100-1 for connection with E460SKU according to EN 561 / ISO 7289



other connections available upon request

FLASHBACK ARRESTORS E460



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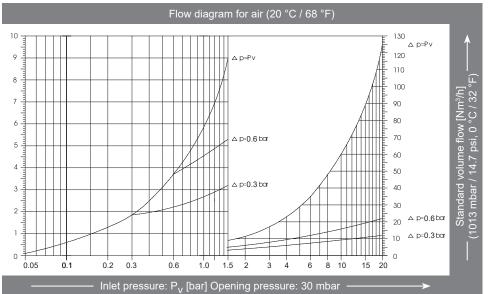
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			Weight [g]	Inlet		Outlet		
Model	max. working pressure [bar]	Material		hose [mm] / thread according to EN 560	or -bo	g probe ody to ISO 7289	hose [mm] / thread according to EN 560	Order-No.
E460-1	Acetylene (A) 1.5		99	4			G 3/8 LH	135-002
	Town gas (C)*, Natural gas (M)**,			6.3				135-005
	LPG (P)** 5.0			8				135-009
	Hydrogen (H) 4.0			9				135-013
	Oxygen (O)			4			G 1/4 RH	135-014
	Compressed air (D) 20.0	Brass Elastomer		6.3				135-017
	Compressed all (D) 20.0			8			G 3/8 RH	135-022
E460-2	Acetylene (A) 1.5		93	4			4	135-029
	Town gas (C)*, Natural gas (M)**,			6.3			6.3	135-031
	LPG (P)** 5.0			8			8	135-032
	Hydrogen (H) 4.0			9			9	135-034
		Liastoniei		4			4	135-037
	Oxygen (O)			6.3			6.3	135-038
	Compressed air (D) 20.0			8			8	135-039
				9			9	135-040
E460-3	Acetylene (A) 1.5		107					
	Town gas (C)*, Natural gas (M)**,			G 3/8 LH		G 3/8 LH	135-042	
	LPG (P)** 5.0			G 3/0 LH			G 3/0 LH	135-042
	Hydrogen (H) 4.0							
	Oxygen (O)			G 1/4 RH			G 1/4 RH	135-046
	Compressed air (D) 20.0			G 3/8 RH			G 3/8 RH	135-094
E460SK*	Acetylene (A) 1.5	Brass Stainless	112					
	Town gas (C), Natural gas (M),				✓		G 3/8 LH	135SK-114
	LPG (P) 5.0							
	Hydrogen (H) 4.0	Steel						
	Oxygen (O)	Brass Elastomer			~		G 1/4 RH	135SK-115
	Compressed air (D) 20.0				_		G 3/8 RH	135SK-124
	' ',				_		0 3/0 1(11	10001(-124
	Acetylene (A) 1.5		145	G 3/8 LH				
	Town gas (C), Natural gas(M), LPG (P) 5.0				~		135SK-128	
	LPG (P) 5.0 Hydrogen (H) 4.0							
	Oxygen (O) Compressed air (D) 20.0			G 1/4 RH		✓		135SK-127
	Compressed air (D) 20.0							

^{*} no Certification BAM

E460-1 E460-2 E460-3 E460SK E460SKU

Conversion factors: Acetylene x 1.04 Butane x 0.68 Natural gas x 1.25 Methane x 1.33 Propane x 0.80 Oxygen x 0.95 Town gas x 1.54 Hydrogen x 3.75



^{**} LPG "based on test with Propan" Natural gas "based on test with Methane"