TYPHOON L

Type	Standard	Gas Type	Inlet Pressure	Outlet Pressure	Art. No.	Cat. No.
L/E-O	DIN	Oxygen	200 bar / 2900 psi	10 bar / 145 psi	77021058	
L/B-O	BSP	Oxygen	200 bar / 2900 psi	10 bar / 145 psi	77021059	
L/F-O	NFE	Oxygen	200 bar / 2900 psi	10 bar / 145 psi	77021060	
L/BU-O	BSP/CGA	Oxygen	200 bar / 2900 psi	10 bar / 145 psi	77021111	
L/AS-O	AS	Oxygen	20000 KPa / 2900 psi	1000 KPa / 145 psi	77021061	
L/U-O	CGA	Oxygen	200 bar / 2900 psi	10 bar / 145 psi	77021112	
L/E-A	DIN	Acetylene	25 bar / 360 psi	1,5 bar / 22 psi	77021062	
L/B-A	BSP	Acetylene	25 bar / 360 psi	1,5 bar / 22 psi	77021063	
L/BU-A	BSP/CGA	Acetylene	25 bar / 360 psi	1,5 bar / 22 psi	77021113	
L/F-A	NFE	Acetylene	25 bar / 360 psi	1,5 bar / 22 psi	77021065	
L/AS-A	AS	Acetylene	2500 KPa / 360 psi	150 KPa / 22 psi	77021066	
L/U-A	CGA	Acetylene	25 bar / 360 psi	1,5 bar / 22 psi	77021114	
L/E-P	DIN	Propane	25 bar / 360 psi	2,5 bar / 36 psi	77021067	
L/B-P	BSP	Propane	25 bar / 360 psi	2,5 bar / 36 psi	77021068	
L/BU-P	BSP/CGA	Propane	25 bar / 360 psi	2,5 bar / 36 psi	77021115	
L/F-P	NFE	Propane	25 bar / 360 psi	2,5 bar / 36 psi	77021069	
L/AS-P	AS	Propane	2500 KPa / 360 psi	250 KPa / 36 psi	77021070	
L/U-P	CGA	Propane	25 bar / 360 psi	2,5 bar / 36 psi	77021116	
L/E-H	DIN	Hydrogen	200 bar / 2900 psi	10 bar / 145 psi	77021072	
L/B-H	BSP	Hydrogen	200 bar / 2900 psi	10 bar / 145 psi	77021073	
L/BU-H	BSP/CGA	Hydrogen	200 bar / 2900 psi	10 bar / 145 psi	77021117	
L/F-H	NFE	Hydrogen	200 bar / 2900 psi	10 bar / 145 psi	77021074	
L/AS-H	AS	Hydrogen	20000 KPa / 2900 psi	1000 BPa / 145 psi	77021075	
L/U-H	CGA	Hydrogen	200 bar / 2900 psi	10 bar / 145 psi	77021118	
L/E-AR	DIN	Argon	200 bar / 2900 psi	10 bar / 145 psi	77021076	
L/B-AR	BSP	Argon	200 bar / 2900 psi	10 bar / 145 psi	77021077	
L/BU-AR	BSP/CGA	Argon	200 bar / 2900 psi	10 bar / 145 psi	77021119	
L/F-AR	NFE	Argon	200 bar / 2900 psi	10 bar / 145 psi	77021078	
L/AS-AR	AS	Argon	20000 KPa / 2900 psi	1000 KPa / 145 psi	77021079	
L/U-AR	CGA	Argon	200 bar / 2900 psi	10 bar / 145 psi	77021120	
L/E-C	DIN	Carbon	100 bar / 1450 psi	10 bar / 145 psi	77021080	
L/B-C	BSP	Carbon	100 bar / 1450 psi	10 bar / 145 psi	77021081	
L/BU-C	BSP	Carbon	100 bar / 1450 psi	10 bar / 145 psi	77021121	
L/F-C	NFE	Carbon	100 bar / 1450 psi	10 bar / 145 psi	77021082	
L/AS-C	AS	Carbon	10000 KPa / 2900 psi	1000 KPa / 145 psi	77021083	
L/U-C	CGA	Carbon	100 bar / 1450 psi	10 bar / 145 psi	77021122	

Stand: 04/2013

TYPHOON L

Type	Standard	Gas Type	Inlet pressure	Outlet pressure	Art. No.	Cat. No.
L/E-N	DIN	Nitrogen	200 bar / 2900 psi	10 bar / 145 psi	77021084	
L/B-N	BSP	Nitrogen	200 bar / 2900 psi	10 bar / 145 psi	77021085	
L/BU-N	BSP/CGA	Nitrogen	200 bar / 2900 psi	10 bar / 145 psi	77021123	
L/F-N	NFE	Nitrogen	200 bar / 2900 psi	10 bar / 145 psi	77021086	
L/AS-N	AS	Nitrogen	20000 KPa / 2900 psi	1000 KPa / 145 psi	77021087	
L/U-N	CGA	Nitrogen	200 bar / 2900 psi	10 bar / 145 psi	77021124	
L/E-H	DIN	Helium	200 bar / 2900 psi	10 bar / 145 psi	77021088	
L/B-H	BSP	Helium	200 bar / 2900 psi	10 bar / 145 psi	77021089	
L/BU-H	BSP/CGA	Helium	200 bar / 2900 psi	10 bar / 145 psi	77021125	
L/F-H	NFE	Helium	200 bar / 2900 psi	10 bar / 145 psi	77021090	
L/AS-H	AS	Helium	20000 KPa / 2900 psi	1000 KPa / 145 psi	77021091	
L/U-H	CGA	Helium	200 bar / 2900 psi	10 bar / 145 psi	77021126	

TYPHOON B

Type	Standard	Gas Type	Inlet pressure	Outlet pressure	Art. No.	Cat. No.
B/B-A	BSP	Acetylene	25 bar / 360 psi	1,5 bar / 22 psi	77021064	
B/SI-P	BSP	Propane	25 bar / 360 psi	2,5 bar / 36 psi	77021071	

Stand: 04/2013

✱ **on request**

MESSER Cutting Systems

TYPHOON LFM

Type	Standard	Gas Type	Inlet Pressure	Outlet Pressure	Art. No.	Cat. No.
LFM/E-Ar	DIN	Argon	200 bar / 2900 psi	30 l/min / 64 seth	77021092	
LFM/B-Ar	BSP	Argon	200 bar / 2900 psi	30 l/min / 64 seth	77021093	
LFM/F-Ar	NFE	Argon	200 bar / 2900 psi	30 l/min / 64 seth	77021094	
LFM/BU-Ar	BSP/CGA	Argon	200 bar / 2900 psi	30 l/min / 64 seth	77021128	
LFM/AS-Ar	AS	Argon	20000 KPa / 2900 psi	30 l/min / 64 seth	77021095	
LFM/U-Ar	CGA	Argon	200 bar / 2900 psi	30 l/min / 64 seth	77021129	
LFM/E-C	DIN	Carbon	100 bar / 2900 psi	30 l/min / 64 seth	77021096	
LFM/B-C	BSP	Carbon	100 bar / 2900 psi	30 l/min / 64 seth	77021097	
LFM/BU-C	BSP/CGA	Carbon	100 bar / 2900 psi	30 l/min / 64 seth	77021131	
LFM/F-C	NFE	Carbon	100 bar / 2900 psi	30 l/min / 64 seth	77021098	
LFM/AS-C	AS	Carbon	10000 KPa / 2900 psi	30 l/min / 64 seth	77021132	
LFM/U-C	CGA	Carbon	100 bar / 2900 psi	30 l/min / 64 seth	77021129	
LFM/E-N	DIN	Nitrogen	200 bar / 2900 psi	30 l/min / 64 seth	77021100	
LFM/B-N	BSP	Nitrogen	200 bar / 2900 psi	30 l/min / 64 seth	77021101	
LFM/F-N	BSP/CGA	Nitrogen	200 bar / 2900 psi	30 l/min / 64 seth	77021134	
LFM/BU-N	NFE	Nitrogen	200 bar / 2900 psi	30 l/min / 64 seth	77021102	
LFM/AS-N	AS	Nitrogen	20000 KPa / 2900 psi	30 l/min / 64 seth	77021103	
LFM/U-N	CGA	Nitrogen	200 bar / 2900 psi	30 l/min / 64 seth	77021135	
LFM/E-H	DIN	Helium	200 bar / 2900 psi	30 l/min / 64 seth	77021151	
LFM/B-H	BSP	Helium	200 bar / 2900 psi	30 l/min / 64 seth	77021152	
LFM/BU-H	BSP/CGA	Helium	200 bar / 2900 psi	30 l/min / 64 seth	77021153	
LFM/F-H	NFE	Helium	200 bar / 2900 psi	30 l/min / 64 seth	77021154	
LFM/AS-H	AS	Helium	20000 KPa / 2900 psi	30 l/min / 64 seth	77021155	
LFM/U-H	CGA	Helium	200 bar / 2900 psi	30 l/min / 64 seth	77021156	

Stand: 04/2013

Stand: 04/2013

✱ **on request**

TORNADO SERIES W

Type	*Standard*	*Gas Type*	*Inlet Pressure*	*Flow Rate*	*Art. No.*	*Cat. No.*
W/E-Ar	DIN	Argon	230 bar/3335 psi	30 l/min	770.21047	
W/E-C	DIN	Carbon	230 bar/3335 psi	30 l/min	770.21048	
W/E-X	DIN	Argon/Co_2	230 bar/3335 psi	30 l/min	770.21049	
W/B-Ar	BSP	Argon	230 bar/3335 psi	30 l/min	770.21052	
W/B-C	BSP	Carbon	230 bar/3335 psi	30 l/min	770.21053	
W/B-X	BSP	Argon/Co_2	230 bar/3335 psi	30 l/min	770.21051	
W/U-Ar	CGA	Argon	230 bar/3335 psi	30 l/min	770.21041	
W/U-C	CGA	Carbon	230 bar/3335 psi	30 l/min	770.21042	
W/U-X	CGA	Argon/Co_2	230 bar/3335 psi	30 l/min	770.21043	
W/F-Ar	NFE	Argon	230 bar/3335 psi	30 l/min	770.21038	
W/F-C	NFE	Carbon	230 bar/3335 psi	30 l/min	770.21039	
W/F-X	NFE	Argon/Co_2	230 bar/3335 psi	30 l/min	770.21040	
W/AS-Ar	AS	Argon	23000 KPa/3335 psi	30 l/min	770.21035	
W/AS-C	AS	Carbon	23000 KPa/3335 psi	30 l/min	770.21036	
W/AS-X	AS	Argon/Co_2	23000 KPa/3335 psi	30 l/min	770.21037	

Stand: 08/2013

Stand: 08/2013

✱ **on request**

TORNADO SERIES L

Type	Standard	Gas Type	Inlet pressure	Outlet pressure	Art. No.	Cat. No.
L/E-O	DIN	Oxygen	200 bar / 2900 psi	10 bar / 145 psi	770.51740	
L/B-O	BSP	Oxygen	200 bar / 2900 psi	10 bar / 145 psi	770.51742	
L/F-O	NFE	Oxygen	200 bar / 2900 psi	10 bar / 145 psi	770.51750	
L/AS-O	AS	Oxygen	20000 KPa / 2900 psi	1000 KPa / 145 psi	770.51752	
L/E-A	DIN	Acetylene	25 bar / 360 psi	1,5 bar / 22 psi	770.51756	
L/B-A	BSP	Acetylene	25 bar / 360 psi	1,5 bar / 22 psi	770.51758	
L/F-A	NFE	Acetylene	25 bar / 360 psi	1,5 bar / 22 psi	770.51766	
L/AS-A	AS	Acetylene	2500 KPa / 360 psi	150 KPa / 22 psi	770.51768	
L/E-P	DIN	Propane	25 bar / 360 psi	2,5 bar / 36 psi	770.51772	
L/B-P	BSP	Propane	25 bar / 360 psi	2,5 bar / 36 psi	770.51774	
L/F-P	NFE	Propane	25 bar / 360 psi	2,5 bar / 36 psi	770.51782	
L/AS-P	AS	Propane	2500 KPa / 360 psi	250 KPa / 36 psi	770.51784	
L/E-H	DIN	Hydrogen	200 bar / 2900 psi	10 bar / 145 psi	770.51788	
L/B-H	BSP	Hydrogen	200 bar / 2900 psi	10 bar / 145 psi	770.51790	
L/F-H	NFE	Hydrogen	200 bar / 2900 psi	10 bar / 145 psi	770.51798	
L/AS-H	AS	Hydrogen	20000 KPa / 2900 psi	1000 KPa / 145 psi	770.51800	
L/E-Ar	DIN	Argon	200 bar / 2900 psi	10 bar / 145 psi	770.51804	
L/B-Ar	BSP	Argon	200 bar / 2900 psi	10 bar / 145 psi	770.51806	
L/F-Ar	NFE	Argon	200 bar / 2900 psi	10 bar / 145 psi	770.51814	
L/AS-Ar	AS	Argon	20000 KPa / 2900 psi	1000 KPa / 145 psi	770.51816	
L/E-C	DIN	Carbon	100 bar / 1450 psi	10 bar / 145 psi	770.51820	
L/B-C	BSP	Carbon	100 bar / 1450 psi	10 bar / 145 psi	770.51822	
L/F-C	NFE	Carbon	100 bar / 1450 psi	10 bar / 145 psi	770.51830	
L/AS-C	AS	Carbon	10000 KPa / 2900 psi	1000 KPa / 145 psi	770.51832	
L/E-N	DIN	Nitrogen	200 bar / 2900 psi	10 bar / 145 psi	770.51836	
L/B-N	BSP	Nitrogen	200 bar / 2900 psi	10 bar / 145 psi	770.51838	
L/F-N	NFE	Nitrogen	200 bar / 2900 psi	10 bar / 145 psi	770.51846	
L/AS-N	AS	Nitrogen	20000 KPa / 2900 psi	1000 KPa / 145 psi	770.51848	
L/E-He	DIN	Helium	200 bar / 2900 psi	10 bar / 145 psi	770.51852	
L/B- He	BSP	Helium	200 bar / 2900 psi	10 bar / 145 psi	770.51854	
L/F- He	NFE	Helium	200 bar / 2900 psi	10 bar / 145 psi	770.51862	
L/AS- He	AS	Helium	20000 KPa / 2900 psi	1000 KPa / 145 psi	770.51864	

Stand: 08/2013

TORNADO SERIES LS

Type	Standard	Gas Type	Inlet pressure	Outlet pressure	Art. No.	Cat. No.
LS/E-O	DIN	Oxygen	200 bar / 2900 psi	10 bar / 145 psi	770.51741	
LS/B-O	BSP	Oxygen	200 bar / 2900 psi	10 bar / 145 psi	770.51743	
LS/F-O	NFE	Oxygen	200 bar / 2900 psi	10 bar / 145 psi	770.51751	
LS/AS-O	AS	Oxygen	20000 KPa / 2900 psi	1000 KPa / 145 psi	770.51753	
LS/E-A	DIN	Acetylene	25 bar / 360 psi	1,5 bar / 22 psi	770.51757	
LS/B-A	BSP	Acetylene	25 bar / 360 psi	1,5 bar / 22 psi	770.51759	
LS/F-A	NFE	Acetylene	25 bar / 360 psi	1,5 bar / 22 psi	770.51767	
LS/AS-A	AS	Acetylene	2500 KPa / 360 psi	150 KPa / 22 psi	770.51769	
LS/E-P	DIN	Propane	25 bar / 360 psi	2,5 bar / 36 psi	770.51773	
LS/B-P	BSP	Propane	25 bar / 360 psi	2,5 bar / 36 psi	770.51775	
LS/F-P	NFE	Propane	25 bar / 360 psi	2,5 bar / 36 psi	770.51783	
LS/AS-P	AS	Propane	2500 KPa / 360 psi	250 KPa / 36 psi	770.51785	
LS/E-H	DIN	Hydrogen	200 bar / 2900 psi	10 bar / 145 psi	770.51789	
LS/B-H	BSP	Hydrogen	200 bar / 2900 psi	10 bar / 145 psi	770.51791	
LS/F-H	NFE	Hydrogen	200 bar / 2900 psi	10 bar / 145 psi	770.51799	
LS/AS-H	AS	Hydrogen	20000 KPa / 2900 psi	1000 KPa / 145 psi	770.51801	
LS/E-Ar	DIN	Argon	200 bar / 2900 psi	10 bar / 145 psi	770.51805	
LS/B-Ar	BSP	Argon	200 bar / 2900 psi	10 bar / 145 psi	770.51807	
LS/F-Ar	NFE	Argon	200 bar / 2900 psi	10 bar / 145 psi	770.51815	
LS/AS-Ar	AS	Argon	20000 KPa / 2900 psi	1000 KPa / 145 psi	770.51817	
LS/E-C	DIN	Carbon	100 bar / 1450 psi	10 bar / 145 psi	770.51821	
LS/B-C	BSP	Carbon	100 bar / 1450 psi	10 bar / 145 psi	770.51823	
LS/F-C	NFE	Carbon	100 bar / 1450 psi	10 bar / 145 psi	770.51831	
LS/AS-C	AS	Carbon	10000 KPa / 2900 psi	1000 KPa / 145 psi	770.51833	
LS/E-N	DIN	Nitrogen	200 bar / 2900 psi	10 bar / 145 psi	770.51837	
LS/B-N	BSP	Nitrogen	200 bar / 2900 psi	10 bar / 145 psi	770.51839	
LS/F-N	NFE	Nitrogen	200 bar / 2900 psi	10 bar / 145 psi	770.51847	
LS/AS-N	AS	Nitrogen	20000 KPa / 2900 psi	1000 KPa / 145 psi	770.51849	
LS/E-He	DIN	Helium	200 bar / 2900 psi	10 bar / 145 psi	770.51853	
LS/B- He	BSP	Helium	200 bar / 2900 psi	10 bar / 145 psi	770.51855	
LS/F- He	NFE	Helium	200 bar / 2900 psi	10 bar / 145 psi	770.51863	
LS/AS- He	AS	Helium	20000 KPa / 2900 psi	1000 KPa / 145 psi	770.51865	

Stand: 08/2013

✱ **on request**

MESSER Cutting Systems

TORNADO SERIES R

Type	Standard	Gas Type	Inlet pressure	Outlet pressure	Art. No.	Cat. No.
R/B-O	BSP	Oxygen	200 bar / 2900 psi	10 bar / 145 psi	770.51868	
R/BU-O	BSP/CGA	Oxygen	200 bar / 2900 psi	10 bar / 145 psi	770.51746	
R/U-O	CGA	Oxygen	200 bar / 2900 psi	10 bar / 145 psi	770.51748	
R/B-A	BSP	Acetylene	25 bar / 360 psi	1,5 bar / 22 psi	770.51870	
R/BU-A	BSP/CGA	Acetylene	25 bar / 360 psi	1,0 bar / 15 psi	770.51762	
R/U-A	CGA	Acetylene	25 bar / 360 psi	2,5 bar / 36 psi	770.51764	
R/B-P	BSP	Propane	25 bar / 360 psi	2,5 bar / 36 psi	770.51872	
R/BU-P	BSP/CGA	Propane	25 bar / 360 psi	2,5 bar / 36 psi	770.51778	
R/U-P	CGA	Propane	25 bar / 360 psi	10 bar / 145 psi	770.51780	
R/B-H	BSP	Hydrogen	200 bar / 2900 psi	10 bar / 145 psi	770.51874	
R/BU-H	BSP/CGA	Hydrogen	200 bar / 2900 psi	10 bar / 145 psi	770.51794	
R/U-H	CGA	Hydrogen	200 bar / 2900 psi	10 bar / 145 psi	770.51796	
R/B-Ar	BSP	Argon	200 bar / 2900 psi	10 bar / 145 psi	770.51876	
R/BU-Ar	BSP/CGA	Argon	200 bar / 2900 psi	10 bar / 145 psi	770.51810	
R/U-Ar	CGA	Argon	200 bar / 2900 psi	10 bar / 145 psi	770.51812	
R/B-C	BSP	Carbon	100 bar / 1450 psi	10 bar / 145 psi	770.51878	
R/BU-C	BSP/CGA	Carbon	100 bar / 1450 psi	10 bar / 145 psi	770.51826	
R/U-C	CGA	Carbon	100 bar / 1450 psi	10 bar / 145 psi	770.51828	
R/UB-N	BSP	Nitrogen	200 bar / 2900 psi	10 bar / 145 psi	770.51880	
R/BU-N	BSP/CGA	Nitrogen	200 bar / 2900 psi	10 bar / 145 psi	770.51842	
R/U-N	CGA	Nitrogen	200 bar / 2900 psi	10 bar / 145 psi	770.51844	
R/B-He	BSP	Helium	200 bar / 2900 psi	10 bar / 145 psi	770.51882	
R/BU-He	BSP/CGA	Helium	200 bar / 2900 psi	10 bar / 145 psi	770.51858	
R/U-He	CGA	Helium	200 bar / 2900 psi	10 bar / 145 psi	770.51860	

Stand: 08/2013

TORNADO SERIES RS

Type	Standard	Gas Type	Inlet pressure	Outlet pressure	Art. No.	Cat. No.
RS/B-O	BSP	Oxygen	200 bar / 2900 psi	10 bar / 145 psi	770.51869	
RS/BU-O	BSP/CGA	Oxygen	200 bar / 2900 psi	10 bar / 145 psi	770.51747	
RS/U-O	CGA	Oxygen	200 bar / 2900 psi	10 bar / 145 psi	770.51749	
RS/B-A	BSP	Acetylene	25 bar / 360 psi	1,5 bar / 22 psi	770.51871	
RS/BU-A	BSP/CGA	Acetylene	25 bar / 360 psi	1,0 bar / 15 psi	770.51763	
RS/U-A	CGA	Acetylene	25 bar / 360 psi	2,5 bar / 36 psi	770.51765	
RS/B-P	BSP	Propane	25 bar / 360 psi	2,5 bar / 36 psi	770.51873	
RS/BU-P	BSP/CGA	Propane	25 bar / 360 psi	2,5 bar / 36 psi	770.51779	
RS/U-P	CGA	Propane	25 bar / 360 psi	10 bar / 145 psi	770.51781	
RS/B-H	BSP	Hydrogen	200 bar / 2900 psi	10 bar / 145 psi	770.51875	
RS/BU-H	BSP/CGA	Hydrogen	200 bar / 2900 psi	10 bar / 145 psi	770.51795	
RS/U-H	CGA	Hydrogen	200 bar / 2900 psi	10 bar / 145 psi	770.51797	
RS/B-Ar	BSP	Argon	200 bar / 2900 psi	10 bar / 145 psi	770.51877	
RS/BU-Ar	BSP/CGA	Argon	200 bar / 2900 psi	10 bar / 145 psi	770.51811	
RS/U-Ar	CGA	Argon	200 bar / 2900 psi	10 bar / 145 psi	770.51813	
RS/B-C	BSP	Carbon	100 bar / 1450 psi	10 bar / 145 psi	770.51879	
RS/BU-C	BSP/CGA	Carbon	100 bar / 1450 psi	10 bar / 145 psi	770.51827	
RS/U-C	CGA	Carbon	100 bar / 1450 psi	10 bar / 145 psi	770.51829	
RS/UB-N	BSP	Nitrogen	200 bar / 2900 psi	10 bar / 145 psi	770.51881	
RS/BU-N	BSP/CGA	Nitrogen	200 bar / 2900 psi	10 bar / 145 psi	770.51843	
RS/U-N	CGA	Nitrogen	200 bar / 2900 psi	10 bar / 145 psi	770.51845	
RS/B-He	BSP	Helium	200 bar / 2900 psi	10 bar / 145 psi	770.51883	
RS/BU-He	BSP/CGA	Helium	200 bar / 2900 psi	10 bar / 145 psi	770.51859	
RS/U-He	CGA	Helium	200 bar / 2900 psi	10 bar / 145 psi	770.51861	

Stand: 08/2013

✱ **on request**

TORNADO SERIES B

Type	Standard	Gas Type	Inlet pressure	Working pressure	Art. No.	Cat. No.
B/B-O	BSP	Oxygen	200 bar / 2900 psi	10 bar / 145 psi	770.51744	
B/AS-O	AS	Oxygen	20000 KPa / 2900 psi	1000 KPa / 145 psi	770.51754	
B/B-A	BSP	Acetylene	25 bar / 360 psi	1,5 bar / 22 psi	770.51760	
B/AS-A	AS	Acetylene	2500 KPa / 360 psi	150 KPa / 22 psi	770.51770	
B/B-P	BSP	Propane	25 bar / 360 psi	2,5 bar / 36 psi	770.51776	
B/AS-P	AS	Propane	2500 KPa / 360 psi	250 KPa / 36 psi	770.51786	
B/B-H	BSP	Hydrogen	200 bar / 2900 psi	10 bar / 145 psi	770.51792	
B/AS-H	AS	Hydrogen	20000 KPa / 2900 psi	1000 KPa / 145 psi	770.51802	
B/B-Ar	BSP	Argon	200 bar / 2900 psi	10 bar / 145 psi	770.51808	
B/AS-Ar	AS	Argon	20000 KPa / 2900 psi	1000 KPa / 145 psi	770.51818	
B/B-C	BSP	Carbon	100 bar / 1450 psi	10 bar / 145 psi	770.51824	
B/AS-C	AS	Carbon	10000 KPa / 1450 psi	1000 KPa / 145 psi	770.51834	
B/B-N	BSP	Nitrogen	200 bar / 2900 psi	10 bar / 145 psi	770.51840	
B/AS-N	AS	Nitrogen	20000 KPa / 2900 psi	1000 KPa / 145 psi	770.51850	
B/B-He	BSP	Helium	200 bar / 2900 psi	10 bar / 145 psi	770.51856	
B/AS-He	AS	Helium	20000 KPa / 2900 psi	1000 KPa / 145 psi	770.51866	

TORNADO SERIES BS

Type	Standard	Gas Type	Inlet pressure	Working pressure	Art. No.	Cat. No.
BS/B-O	BSP	Oxygen	200 bar/2900 psi	10 bar/145 psi	770.51745	
BS/AS-O	AS	Oxygen	20000 KPa/2900 psi	1000 KPa/145 psi	770.51755	
BS/B-A	BSP	Acetylene	25 bar/360 psi	1,5 bar/22 psi	770.51761	
BS/AS-A	AS	Acetylene	2500 KPa/360 psi	150 KPa/22 psi	770.51771	
BS/B-P	BSP	Propane	25 bar/360 psi	2,5 bar/36 psi	770.51777	
BS/AS-P	AS	Propane	2500 KPa/360 psi	250 KPa/36 psi	770.51787	
BS/B-H	BSP	Hydrogen	200 bar/2900 psi	10 bar/145 psi	770.51793	
BS/AS-H	AS	Hydrogen	20000 KPa/2900 psi	1000 KPa/145 psi	770.51803	
BS/B-Ar	BSP	Argon	200 bar/2900 psi	10 bar/145 psi	770.51809	
BS/AS-Ar	AS	Argon	20000 KPa/2900 psi	1000 KPa/145 psi	770.51819	
BS/B-C	BSP	Carbon	100 bar/1450 psi	10 bar/145 psi	770.51825	
BS/AS-C	AS	Carbon	10000 KPa/1450 psi	1000 KPa/145 psi	770.51835	
BS/B-N	BSP	Nitrogen	200 bar/2900 psi	10 bar/145 psi	770.51841	
BS/AS-N	AS	Nitrogen	20000 KPa/2900 psi	1000 KPa/145 psi	770.51851	
BS/B-He	BSP	Helium	200 bar/2900 psi	10 bar/145 psi	770.51857	
BS/AS-He	AS	Helium	20000 KPa/2900 psi	1000 KPa/145 psi	770.51867	

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TORNADO

CYLINDER PRESSURE REGULATOR

TORNADO SERIES LFG

Type	Standard	Gas Type	Inlet pressure	Flow Rate	Art. No.	Cat. No.
LFG/E-Ar	DIN	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.51951	
LFG/B-Ar	BSP	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.51955	
LFG/F-Ar	NFE	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.51959	
LFG/AS-Ar	AS	Argon	20000 KPa/1450 psi	16 l/min / 34 scfh	770.51963	
LFG/E-C	DIN	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.51967	
LFG/B-C	BSP	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.51971	
LFG/F-C	NFE	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.51975	
LFG/AS-C	AS	Carbon	10000 KPa/1450 psi	16 l/min / 34 scfh	770.51979	
LFG/E-N	DIN	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.51983	
LFG/B-N	BSP	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.51987	
LFG/F-N	NFE	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.51991	
LFG/AS-N	AS	Nitrogen	20000 KPa/1450 psi	16 l/min / 34 scfh	770.51995	
LFG/E-H	DIN	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.51999	
LFG/B-H	BSP	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52003	
LFG/F-H	NFE	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52007	
LFG/AS-H	AS	Hydrogen	20000 KPa/1450 psi	16 l/min / 34 scfh	770.52011	

TORNADO SERIES LFG

Type	Standard	Gas Type	Inlet pressure	Flow Rate	Art. No.	Cat. No.
LFG/E-Ar	DIN	Argon	200 bar/2900 psi	32 l/min / 68 scfh	770.51952	
LFG/B-Ar	BSP	Argon	200 bar/2900 psi	32 l/min / 68 scfh	770.51956	
LFG/F-Ar	NFE	Argon	200 bar/2900 psi	32 l/min / 68 scfh	770.51960	
LFG/AS-Ar	AS	Argon	20000 KPa/1450 psi	32 l/min / 68 scfh	770.51964	
LFG/E-C	DIN	Carbon	100 bar/1450 psi	32 l/min / 68 scfh	770.51968	
LFG/B-C	BSP	Carbon	100 bar/1450 psi	32 l/min / 68 scfh	770.51972	
LFG/F-C	NFE	Carbon	100 bar/1450 psi	32 l/min / 68 scfh	770.51976	
LFG/AS-C	AS	Carbon	10000 KPa/1450 psi	32 l/min / 68 scfh	770.51980	
LFG/E-N	DIN	Nitrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.51984	
LFG/B-N	BSP	Nitrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.51988	
LFG/F-N	NFE	Nitrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.51992	
LFG/AS-N	AS	Nitrogen	20000 KPa/1450 psi	32 l/min / 68 scfh	770.51996	
LFG/E-H	DIN	Hydrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52000	
LFG/B-H	BSP	Hydrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52004	
LFG/F-H	NFE	Hydrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52008	
LFG/AS-H	AS	Hydrogen	20000 KPa/1450 psi	32 l/min / 68 scfh	770.52012	

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✱ **on request**

TORNADO SERIES LSFG

Type	Standard	Gas Type	Inlet pressure	Flow Rate	Art. No.	Cat. No.
LSFG/E-Ar	DIN	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.51953	
LSFG/B-Ar	BSP	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.51957	
LSFG/F-Ar	NFE	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.51961	
LSFG/AS-Ar	AS	Argon	20000 KPa/1450 psi	16 l/min / 34 scfh	770.51965	
LSFG/E-C	DIN	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.51969	
LSFG/B-C	BSP	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.51973	
LSFG/F-C	NFE	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.51977	
LSFG/AS-C	AS	Carbon	10000 KPa/1450 psi	16 l/min / 34 scfh	770.51981	
LSFG/E-N	DIN	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.51985	
LSFG/B-N	BSP	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.51989	
LSFG/F-N	NFE	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.51993	
LSFG/AS-N	AS	Nitrogen	20000 KPa/1450 psi	16 l/min / 34 scfh	770.51997	
LSFG/E-H	DIN	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52001	
LSFG/B-H	BSP	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52005	
LSFG/F-H	NFE	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52009	
LSFG/AS-H	AS	Hydrogen	20000 KPa/1450 psi	16 l/min / 34 scfh	770.52013	

TORNADO SERIES LSFG

Type	Standard	Gas Type	Inlet pressure	Flow Rate	Art. No.	Cat. No.
LSFG/E-Ar	DIN	Argon	200 bar/2900 psi	32 l/min / 68 scfh	770.51954	
LSFG/B-Ar	BSP	Argon	200 bar/2900 psi	32 l/min / 68 scfh	770.51958	
LSFG/F-Ar	NFE	Argon	200 bar/2900 psi	32 l/min / 68 scfh	770.51962	
LSFG/AS-Ar	AS	Argon	20000 KPa/1450 psi	32 l/min / 68 scfh	770.51966	
LSFG/E-C	DIN	Carbon	100 bar/1450 psi	32 l/min / 68 scfh	770.51970	
LSFG/B-C	BSP	Carbon	100 bar/1450 psi	32 l/min / 68 scfh	770.51974	
LSFG/F-C	NFE	Carbon	100 bar/1450 psi	32 l/min / 68 scfh	770.51978	
LSFG/AS-C	AS	Carbon	10000 KPa/1450 psi	32 l/min / 68 scfh	770.51982	
LSFG/E-N	DIN	Nitrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.51986	
LSFG/B-N	BSP	Nitrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.51990	
LSFG/F-N	NFE	Nitrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.51994	
LSFG/AS-N	AS	Nitrogen	20000 KPa/1450 psi	32 l/min / 68 scfh	770.51998	
LSFG/E-H	DIN	Hydrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52002	
LSFG/B-H	BSP	Hydrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52006	
LSFG/F-H	NFE	Hydrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52010	
LSFG/AS-H	AS	Hydrogen	20000 KPa/1450 psi	32 l/min / 68 scfh	770.52014	

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TORNADO SERIES RFG

Type	Standard	Gas Type	Inlet pressure	Flow Rate	Art. No.	Cat. No.
RFG/B-Ar	BSP	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52015	
RFG/BU-Ar	BSP/CGA	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52019	
RFG/U-Ar	CGA	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52023	
RFG/B-C	BSP	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.52027	
RFG/BU-C	BSP/CGA	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.52031	
RFG/U-C	CGA	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.52035	
RFG/B-N	BSP	Nitrogen	200 bar/ 2900 psi	16 l/min / 34 scfh	770.52039	
RFG/BU-N	BSP/CGA	Nitrogen	200 bar/ 2900 psi	16 l/min / 34 scfh	770.52043	
RFG/U-N	CGA	Nitrogen	200 bar/ 2900 psi	16 l/min / 34 scfh	770.52047	
RFG/B-H	BSP	Hydrogen	200 bar/ 2900 psi	16 l/min / 34 scfh	770.52051	
RFG/BU-H	BSP/CGA	Hydrogen	200 bar/ 2900 psi	16 l/min / 34 scfh	770.52055	
RFG/U-H	CGA	Hydrogen	200 bar/ 2900 psi	16 l/min / 34 scfh	770.52059	

TORNADO SERIES RFG

Type	Standard	Gas Type	Inlet pressure	Flow Rate	Art. No.	Cat. No.
RFG/B-Ar	BSP	Argon	200 bar/2900 psi	32 l/min / 68 scfh	770.52016	
RFG/BU-Ar	BSP/CGA	Argon	200 bar/2900 psi	32 l/min / 68 scfh	770.52020	
RFG/U-Ar	CGA	Argon	200 bar/2900 psi	32 l/min / 68 scfh	770.52024	
RFG/B-C	BSP	Carbon	100 bar/1450 psi	32 l/min / 68 scfh	770.52028	
RFG/BU-C	BSP/CGA	Carbon	100 bar/1450 psi	32 l/min / 68 scfh	770.52032	
RFG/U-C	CGA	Carbon	100 bar/1450 psi	32 l/min / 68 scfh	770.52036	
RFG/B-N	BSP	Nitrogen	200 bar/ 2900 psi	32 l/min / 68 scfh	770.52040	
RFG/BU-N	BSP/CGA	Nitrogen	200 bar/ 2900 psi	32 l/min / 68 scfh	770.52044	
RFG/U-N	CGA	Nitrogen	200 bar/ 2900 psi	32 l/min / 68 scfh	770.52048	
RFG/B-H	BSP	Hydrogen	200 bar/ 2900 psi	32 l/min / 68 scfh	770.52052	
RFG/BU-H	BSP/CGA	Hydrogen	200 bar/ 2900 psi	32 l/min / 68 scfh	770.52056	
RFG/U-H	CGA	Hydrogen	200 bar/ 2900 psi	32 l/min / 68 scfh	770.52060	

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✱ **on request**

TORNADO SERIES RSFG

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. Nr.
RSFG/B-Ar	BSP	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52017	
RSFG/BU-Ar	BSP/CGA	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52021	
RSFG/U-Ar	CGA	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52025	
RSFG/B-C	BSP	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.52029	
RSFG/BU-C	BSP/CGA	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.52033	
RSFG/U-C	CGA	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.52037	
RSFG/B-N	BSP	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52041	
RSFG/BU-N	BSP/CGA	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52045	
RSFG/U-N	CGA	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52049	
RSFG/B-H	BSP	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52053	
RSFG/BU-H	BSP/CGA	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52057	
RSFG/U-H	CGA	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52061	

TORNADO SERIES RSFG

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
RSFG/B-Ar	BSP	Argon	200 bar/2900 psi	32 l/min / 68 scfh	770.52018	
RSFG/BU-Ar	BSP/CGA	Argon	200 bar/2900 psi	32 l/min / 68 scfh	770.52022	
RSFG/U-Ar	CGA	Argon	200 bar/2900 psi	32 l/min / 68 scfh	770.52026	
RSFG/B-C	BSP	Carbon	100 bar/1450 psi	32 l/min / 68 scfh	770.52030	
RSFG/BU-C	BSP/CGA	Carbon	100 bar/1450 psi	32 l/min / 68 scfh	770.52034	
RSFG/U-C	CGA	Carbon	100 bar/1450 psi	32 l/min / 68 scfh	770.52038	
RSFG/B-N	BSP	Nitrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52042	
RSFG/BU-N	BSP/CGA	Nitrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52046	
RSFG/U-N	CGA	Nitrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52050	
RSFG/B-H	BSP	Hydrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52054	
RSFG/BU-H	BSP/CGA	Hydrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52058	
RSFG/U-H	CGA	Hydrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52062	

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TORNADO
CYLINDER PRESSURE REGULATOR

TORNADO SERIES BFG

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
BFG/B-Ar	BSP	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52063	
BFG/AS-Ar	AS	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52065	
BFG/AS-Ar	AS	Argon	200 bar/2900 psi	32 l/min / 68 scfh	770.52066	
BFG/B-C	BSP	Carbon	400 bar/1450 psi	16 l/min / 34 scfh	770.52071	
BFG/AS-C	AS	Carbon	400 bar/1450 psi	16 l/min / 34 scfh	770.52073	
BFG/AS-C	AS	Carbon	400 bar/1450 psi	32 l/min / 68 scfh	770.52074	
BFG/B-N	BSP	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52079	
BFG/AS-N	AS	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52081	
BFG/AS-N	AS	Nitrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52082	
BFG/B-H	BSP	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52087	
BFG/AS-H	AS	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52089	
BFG/AS-H	AS	Hydrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52090	

TORNADO SERIES BSFG

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
BSFG/B-Ar	BSP	Argon	200 bar/2900 psi	32 l/min / 68 scfh	770.52064	
BSFG/AS-Ar	AS	Argon	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52067	
BSFG/AS-Ar	AS	Argon	20000 KPa/2900 psi	32 l/min / 68 scfh	770.52068	
BSFG/AS-Ar	AS	Argon	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52069	
BSFG/AS-Ar	AS	Argon	20000 KPa/2900 psi	32 l/min / 68 scfh	770.52070	
BSFG/B-C	BSP	Carbon	400 bar/1450 psi	32 l/min / 68 scfh	770.52072	
BSFG/AS-C	AS	Carbon	10000 KPa/1450 psi	16 l/min / 34 scfh	770.52075	
BSFG/AS-C	AS	Carbon	10000 KPa/1450 psi	32 l/min / 68 scfh	770.52076	
BSFG/AS-C	AS	Carbon	10000 KPa/1450 psi	16 l/min / 34 scfh	770.52077	
BSFG/AS-C	AS	Carbon	10000 KPa/1450 psi	32 l/min / 68 scfh	770.52078	
BSFG/B-N	BSP	Nitrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52080	
BSFG/AS-N	AS	Nitrogen	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52083	
BSFG/AS-N	AS	Nitrogen	20000 KPa/2900 psi	32 l/min / 68 scfh	770.52084	
BSFG/AS-N	AS	Nitrogen	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52085	
BSFG/AS-N	AS	Nitrogen	20000 KPa/2900 psi	32 l/min / 68 scfh	770.52086	
BSFG/B-H	BSP	Hydrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52088	
BSFG/AS-H	AS	Hydrogen	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52091	
BSFG/AS-H	AS	Hydrogen	20000 KPa/2900 psi	32 l/min / 68 scfh	770.52092	
BSFG/AS-H	AS	Hydrogen	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52093	
BSFG/AS-H	AS	Hydrogen	20000 KPa/2900 psi	32 l/min / 68 scfh	770.52094	

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✱ **on request**

TORNADO SERIES LFM

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
LFM/E-Ar	DIN	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52095	
LFM/B-Ar	BSP	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52097	
LFM/F-Ar	NFE	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52099	
LFM/AS-Ar	AS	Argon	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52101	
LFM/E-C	DIN	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.52103	
LFM/B-C	BSP	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.52105	
LFM/F-C	NFE	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.52107	
LFM/AS-C	AS	Carbon	10000 KPa/1450 psi	16 l/min / 34 scfh	770.52109	
LFM/E-N	DIN	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52111	
LFM/B-N	BSP	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52113	
LFM/F-N	NFE	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52115	
LFM/AS-N	AS	Nitrogen	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52117	
LFM/E-H	DIN	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52119	
LFM/B-H	BSP	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52121	
LFM/F-H	NFE	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52123	
LFM/AS-H	AS	Hydrogen	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52125	

TORNADO SERIES LFM

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
LFM/E-Ar	DIN	Argon	200 bar/2900 psi	32 l/min / 64 scfh	770.52096	
LFM/B-Ar	BSP	Argon	200 bar/2900 psi	32 l/min / 64 scfh	770.52098	
LFM/F-Ar	NFE	Argon	200 bar/2900 psi	32 l/min / 64 scfh	770.52100	
LFM/AS-Ar	AS	Argon	20000 KPa/2900 psi	32 l/min / 64 scfh	770.52102	
LFM/E-C	DIN	Carbon	100 bar/1450 psi	32 l/min / 64 scfh	770.52104	
LFM/B-C	BSP	Carbon	100 bar/1450 psi	32 l/min / 64 scfh	770.52106	
LFM/F-C	NFE	Carbon	100 bar/1450 psi	32 l/min / 64 scfh	770.52108	
LFM/AS-C	AS	Carbon	10000 KPa/1450 psi	32 l/min / 64 scfh	770.52110	
LFM/E-N	DIN	Nitrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52112	
LFM/B-N	BSP	Nitrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52114	
LFM/F-N	NFE	Nitrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52116	
LFM/AS-N	AS	Nitrogen	20000 KPa/2900 psi	32 l/min / 64 scfh	770.52118	
LFM/E-H	DIN	Hydrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52120	
LFM/B-H	BSP	Hydrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52122	
LFM/F-H	NFE	Hydrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52124	
LFM/AS-H	AS	Hydrogen	20000 KPa/2900 psi	32 l/min / 64 scfh	770.52126	

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TORNADO SERIES RFM

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
RFM/B-Ar	BSP	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52127	
RFM/BU-Ar	BSP/CGA	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52129	
RFM/U-Ar	CGA	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52131	
RFM/B-C	BSP	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.52133	
RFM/BU-C	BSP/CGA	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.52135	
RFM/U-C	CGA	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.52137	
RFM/B-N	BSP	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52139	
RFM/BU-N	BSP/CGA	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52141	
RFM/U-N	CGA	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52143	
RFM/B-H	BSP	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52145	
RFM/BU-H	BSP/CGA	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52147	
RFM/U-H	CGA	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52149	

TORNADO SERIES RFM

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
RFM/B-Ar	BSP	Argon	200 bar/2900 psi	32 l/min / 64 scfh	770.52128	
RFM/BU-Ar	BSP/CGA	Argon	200 bar/2900 psi	32 l/min / 64 scfh	770.52130	
RFM/U-Ar	CGA	Argon	200 bar/2900 psi	32 l/min / 64 scfh	770.52132	
RFM/B-C	BSP	Carbon	100 bar/1450 psi	32 l/min / 64 scfh	770.52134	
RFM/BU-C	BSP/CGA	Carbon	100 bar/1450 psi	32 l/min / 64 scfh	770.52136	
RFM/U-C	CGA	Carbon	100 bar/1450 psi	32 l/min / 64 scfh	770.52138	
RFM/B-N	BSP	Nitrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52140	
RFM/BU-N	BSP/CGA	Nitrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52142	
RFM/U-N	CGA	Nitrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52144	
RFM/B-H	BSP	Hydrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52146	
RFM/BU-H	BSP/CGA	Hydrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52148	
RFM/U-H	CGA	Hydrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52150	

Stand: 08/2013

✱ **on request**

TORNADO SERIES BFM

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
BFM/B-Ar	BSP	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52151	
BFM/AS-Ar	AS	Argon	20000 KPa/2900psi	16 l/min / 34 scfh	770.52153	
BFM/B-C	BSP	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.52155	
BFM/AS-C	AS	Carbon	10000 KPa/1450psi	16 l/min / 34 scfh	770.52157	
BFM/B-N	BSP	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52159	
BFM/AS-N	AS	Nitrogen	20000 KPa/2900psi	16 l/min / 34 scfh	770.52161	
BFM/B-H	BSP	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52163	
BFM/AS-H	AS	Hydrogen	20000 KPa/2900psi	16 l/min / 34 scfh	770.52165	

TORNADO SERIES BFM

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
BFM/B-Ar	BSP	Argon	200 bar/2900 psi	32 l/min / 64 scfh	770.52152	
BFM/AS-Ar	AS	Argon	20000 KPa/2900psi	32 l/min / 64 scfh	770.52154	
BFM/B-C	BSP	Carbon	100 bar/1450 psi	32 l/min / 64 scfh	770.52156	
BFM/AS-C	AS	Carbon	10000 KPa/1450psi	32 l/min / 64 scfh	770.52158	
BFM/B-N	BSP	Nitrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52160	
BFM/AS-N	AS	Nitrogen	20000 KPa/2900psi	32 l/min / 64 scfh	770.52162	
BFM/B-H	BSP	Hydrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52164	
BFM/AS-H	AS	Hydrogen	20000 KPa/2900psi	32 l/min / 64 scfh	770.52166	

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TORNADO SERIES LFM2

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
LFM2/E-Ar	DIN	Argon	200 bar/2900 psi	2x16 l/min / 34 scfh	770.52167	
LFM2/B-Ar	BSP	Argon	200 bar/2900 psi	2x16 l/min / 34 scfh	770.52169	
LFM2/F-Ar	NFE	Argon	200 bar/2900 psi	2x16 l/min / 34 scfh	770.52171	
LFM2/AS-Ar	AS	Argon	20000 KPa/2900 psi	2x16 l/min / 34 scfh	770.52173	
LFM2/E-C	DIN	Carbon	100 bar/1450 psi	2x16 l/min / 34 scfh	770.52175	
LFM2/B-C	BSP	Carbon	100 bar/1450 psi	2x16 l/min / 34 scfh	770.52177	
LFM2/F-C	NFE	Carbon	100 bar/1450 psi	2x16 l/min / 34 scfh	770.52179	
LFM2/AS-C	AS	Carbon	10000 KPa/1450 psi	2x16 l/min / 34 scfh	770.52181	
LFM2/E-N	DIN	Nitrogen	200 bar/2900 psi	2x16 l/min / 34 scfh	770.52183	
LFM2/B-N	BSP	Nitrogen	200 bar/2900 psi	2x16 l/min / 34 scfh	770.52185	
LFM2/F-N	NFE	Nitrogen	200 bar/2900 psi	2x16 l/min / 34 scfh	770.52187	
LFM2/AS-N	AS	Nitrgoen	20000 KPa/2900 psi	2x16 l/min / 34 scfh	770.52189	
LFM2/E-H	DIN	Hydrogen	200 bar/2900 psi	2x16 l/min / 34 scfh	770.52191	
LFM2/B-H	BSP	Hydrogen	200 bar/2900 psi	2x16 l/min / 34 scfh	770.52193	
LFM2/F-H	NFE	Hydrogen	200 bar/2900 psi	2x16 l/min / 34 scfh	770.52195	
LFM2/AS-H	AS	Hydrogen	20000 KPa/2900 psi	2x16 l/min / 34 scfh	770.52197	

TORNADO SERIES LFM2

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
LFM2/E-Ar	DIN	Argon	200 bar/2900 psi	2x32 l/min / 64 scfh	770.52168	
LFM2/B-Ar	BSP	Argon	200 bar/2900 psi	2x32 l/min / 64 scfh	770.52170	
LFM2/F-Ar	NFE	Argon	200 bar/2900 psi	2x32 l/min / 64 scfh	770.52172	
LFM2/AS-Ar	AS	Argon	20000 KPa/2900 psi	2x32 l/min / 64 scfh	770.52174	
LFM2/E-C	DIN	Carbon	100 bar/1450 psi	2x32 l/min / 64 scfh	770.52176	
LFM2/B-C	BSP	Carbon	100 bar/1450 psi	2x32 l/min / 64 scfh	770.52178	
LFM2/F-C	NFE	Carbon	100 bar/1450 psi	2x32 l/min / 64 scfh	770.52180	
LFM2/AS-C	AS	Carbon	10000 KPa/1450 psi	2x32 l/min / 64 scfh	770.52182	
LFM2/E-N	DIN	Nitrogen	200 bar/2900 psi	2x32 l/min / 64 scfh	770.52184	
LFM2/B-N	BSP	Nitrogen	200 bar/2900 psi	2x32 l/min / 64 scfh	770.52186	
LFM2/F-N	NFE	Nitrogen	200 bar/2900 psi	2x32 l/min / 64 scfh	770.52188	
LFM2/AS-N	AS	Nitrgoen	20000 KPa/2900 psi	2x32 l/min / 64 scfh	770.52190	
LFM2/E-H	DIN	Hydrogen	200 bar/2900 psi	2x32 l/min / 64 scfh	770.52192	
LFM2/B-H	BSP	Hydrogen	200 bar/2900 psi	2x32 l/min / 64 scfh	770.52194	
LFM2/F-H	NFE	Hydrogen	200 bar/2900 psi	2x32 l/min / 64 scfh	770.52196	
LFM2/AS-H	AS	Hydrogen	20000 KPa/2900 psi	2x32 l/min / 64 scfh	770.52198	

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✱ **on request**

TORNADO SERIES RFM2

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
RFM2/B-Ar	BSP	Argon	200 bar/2900 psi	2x16 l/min / 34 scfh	770.52199	
RFM2/BU-Ar	BSP/CGA	Argon	200 bar/2900 psi	2x16 l/min / 34 scfh	770.52201	
RFM2/U-Ar	CGA	Argon	200 bar/2900 psi	2x16 l/min / 34 scfh	770.52203	
RFM2/B-C	BSP	Carbon	100 bar/1450 psi	2x16 l/min / 34 scfh	770.52205	
RFM2/BU-C	BSP/CGA	Carbon	100 bar/1450 psi	2x16 l/min / 34 scfh	770.52207	
RFM2/U-C	CGA	Carbon	100 bar/1450 psi	2x16 l/min / 34 scfh	770.52209	
RFM2/B-N	BSP	Nitrogen	200 bar/2900 psi	2x16 l/min / 34 scfh	770.52211	
RFM2/BU-N	BSP/CGA	Nitrogen	200 bar/2900 psi	2x16 l/min / 34 scfh	770.52213	
RFM2/U-N	CGA	Nitrogen	200 bar/2900 psi	2x16 l/min / 34 scfh	770.52215	
RFM2/B-H	BSP	Hydrogen	200 bar/2900 psi	2x16 l/min / 34 scfh	770.52217	
RFM2/BU-H	BSP/CGA	Hydrogen	200 bar/2900 psi	2x16 l/min / 34 scfh	770.52219	
RFM2/U-H	CGA	Hydrogen	200 bar/2900 psi	2x16 l/min / 34 scfh	770.52221	

TORNADO SERIES RFM2

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
RFM2/B-Ar	BSP	Argon	200 bar/2900 psi	2x32 l/min / 64 scfh	770.52200	
RFM2/BU-Ar	BSP/CGA	Argon	200 bar/2900 psi	2x32 l/min / 64 scfh	770.52202	
RFM2/U-Ar	CGA	Argon	200 bar/2900 psi	2x32 l/min / 64 scfh	770.52204	
RFM2/B-C	BSP	Carbon	100 bar/1450 psi	2x32 l/min / 64 scfh	770.52206	
RFM2/BU-C	BSP/CGA	Carbon	100 bar/1450 psi	2x32 l/min / 64 scfh	770.52208	
RFM2/U-C	CGA	Carbon	100 bar/1450 psi	2x32 l/min / 64 scfh	770.52210	
RFM2/B-N	BSP	Nitrogen	200 bar/2900 psi	2x32 l/min / 64 scfh	770.52212	
RFM2/BU-N	BSP/CGA	Nitrogen	200 bar/2900 psi	2x32 l/min / 64 scfh	770.52214	
RFM2/U-N	CGA	Nitrogen	200 bar/2900 psi	2x32 l/min / 64 scfh	770.52216	
RFM2/B-H	BSP	Hydrogen	200 bar/2900 psi	2x32 l/min / 64 scfh	770.52218	
RFM2/BU-H	BSP/CGA	Hydrogen	200 bar/2900 psi	2x32 l/min / 64 scfh	770.52220	
RFM2/U-H	CGA	Hydrogen	200 bar/2900 psi	2x32 l/min / 64 scfh	770.52222	

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TORNADO SERIES BFM2

Type	*Standard*	*Gas Type*	*Inlet Pressure*	*Flow Rate*	*Art. No.*	*Cat. No.*
BFM2/B-Ar	BSP	Argon	200 bar/2900 psi	2x16 l/min / 34 scfh	770.52223	
BFM2/AS-Ar	AS	Argon	20000 KPa/2900 psi	2x16 l/min / 34 scfh	770.52225	
BFM2/B-C	BSP	Carbon	100 bar/1450 psi	2x16 l/min / 34 scfh	770.52227	
BFM2/AS-C	AS	Carbon	10000 KPa/1450 psi	2x16 l/min / 34 scfh	770.52229	
BFM2/B-N	BSP	Nitrogen	200 bar/2900 psi	2x16 l/min / 34 scfh	770.52231	
BFM2/AS-N	AS	Nitrogen	20000 KPa/2900 psi	2x16 l/min / 34 scfh	770.52233	
BFM2/B-H	BSP	Hydrogen	200 bar/2900 psi	2x16 l/min / 34 scfh	770.52235	
BFM2/AS-H	AS	Hydrogen	20000 KPa/2900 psi	2x16 l/min / 34 scfh	770.52237	

TORNADO SERIES BFM2

Type	*Standard*	*Gas Type*	*Inlet Pressure*	*Flow Rate*	*Art. No.*	*Cat. No.*
BFM2/B-Ar	BSP	Argon	200 bar/2900 psi	2x32 l/min / 64 scfh	770.52224	
BFM2/AS-Ar	AS	Argon	20000 KPa/2900 psi	2x32 l/min / 64 scfh	770.52226	
BFM2/B-C	BSP	Carbon	100 bar/1450 psi	2x32 l/min / 64 scfh	770.52228	
BFM2/AS-C	AS	Carbon	10000 KPa/1450 psi	2x32 l/min / 64 scfh	770.52230	
BFM2/B-N	BSP	Nitrogen	200 bar/2900 psi	2x32 l/min / 64 scfh	770.52232	
BFM2/AS-N	AS	Nitrogen	20000 KPa/2900 psi	2x32 l/min / 64 scfh	770.52234	
BFM2/B-H	BSP	Hydrogen	200 bar/2900 psi	2x32 l/min / 64 scfh	770.52236	
BFM2/AS-H	AS	Hydrogen	20000 KPa/2900 psi	2x32 l/min / 64 scfh	770.52238	

Stand: 08/2013

✱ **on request**

TORNADO SERIES LD

Type	Standard	Gas Type	Inlet Pressure	Outlet Pressure	Art. No.	Cat. No.
LD/E-O	DIN	Oxygen	200 bar/2900 psi	10 bar/145 psi	770.52430	
LD/B-O	BSP	Oxygen	200 bar/2900 psi	10 bar/145 psi	770.52432	
LD/F-O	NFE	Oxygen	200 bar/2900 psi	10 bar/145 psi	770.52436	
LD/AS-O	AS	Oxygen	20000 KPa	1000 KPa	770.52438	
LD/E-H	DIN	Hydrogen	200 bar/2900 psi	10 bar/145 psi	770.52440	
LD/B-H	BSP	Hydrogen	200 bar/2900 psi	10 bar/145 psi	770.52442	
LD/F-H	NFE	Hydrogen	200 bar/2900 psi	10 bar/145 psi	770.52446	
LD/AS-H	AS	Hydrogen	20000 KPa	1000 KPa	770.52448	
LD/E-Ar	DIN	Argon	200 bar/2900 psi	10 bar/145 psi	770.52450	
LD/B-Ar	BSP	Argon	200 bar/2900 psi	10 bar/145 psi	770.52452	
LD/F-Ar	NFE	Argon	200 bar/2900 psi	10 bar/145 psi	770.52456	
LD/AS-Ar	AS	Argon	20000 KPa	1000 KPa	770.52458	
LD/E-C	DIN	Carbon	100 bar/1450 psi	10 bar/145 psi	770.52460	
LD/B-C	BSP	Carbon	100 bar/1450 psi	10 bar/145 psi	770.52462	
LD/F-C	NFE	Carbon	100 bar/1450 psi	10 bar/145 psi	770.52466	
LD/AS-C	AS	Carbon	10000 KPa	1000 KPa	770.52468	
LD/E-N	DIN	Nitrogen	200 bar/2900 psi	10 bar/145 psi	770.52470	
LD/B-N	BSP	Nitrogen	200 bar/2900 psi	10 bar/145 psi	770.52472	
LD/F-N	NFE	Nitrogen	200 bar/2900 psi	10 bar/145 psi	770.52476	
LD/AS-N	AS	Nitrogen	20000 KPa	1000 KPa	770.52478	
LD/E-He	DIN	Helium	200 bar/2900 psi	10 bar/145 psi	770.52480	
LD/B-He	BSP	Helium	200 bar/2900 psi	10 bar/145 psi	770.52482	
LD/F-He	NFE	Helium	200 bar/2900 psi	10 bar/145 psi	770.52486	
LD/AS-He	AS	Helium	20000 KPa	1000 KPa	770.52488	

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TORNADO SERIES LSD

Type	*Standard*	*Gas Type*	*Inlet Pressure*	*Outlet Pressure*	*Art. No.*	*Cat. No.*
LSD/E-O	DIN	Oxygen	200 bar/2900 psi	10 bar/145 psi	770.52431	
LSD/B-O	BSP	Oxygen	200 bar/2900 psi	10 bar/145 psi	770.52433	
LSD/F-O	NFE	Oxygen	200 bar/2900 psi	10 bar/145 psi	770.52437	
LSD/AS-O	AS	Oxygen	20000 KPa	1000 KPa	770.52439	
LSD/E-H	DIN	Hydrogen	200 bar/2900 psi	10 bar/145 psi	770.52441	
LSD/B-H	BSP	Hydrogen	200 bar/2900 psi	10 bar/145 psi	770.52443	
LSD/F-H	NFE	Hydrogen	200 bar/2900 psi	10 bar/145 psi	770.52447	
LSD/AS-H	AS	Hydrogen	20000 KPa	1000 KPa	770.52449	
LSD/E- Ar	DIN	Argon	200 bar/2900 psi	10 bar/145 psi	770.52451	
LSD/B- Ar	BSP	Argon	200 bar/2900 psi	10 bar/145 psi	770.52453	
LSD/F- Ar	NFE	Argon	200 bar/2900 psi	10 bar/145 psi	770.52457	
LSD/AS- Ar	AS	Argon	20000 KPa	1000 KPa	770.52459	
LSD/E-C	DIN	Carbon	100 bar/1450 psi	10 bar/145 psi	770.52461	
LSD/B-C	BSP	Carbon	100 bar/1450 psi	10 bar/145 psi	770.52463	
LSD/F-C	NFE	Carbon	100 bar/1450 psi	10 bar/145 psi	770.52467	
LSD/AS-C	AS	Carbon	10000 KPa	1000 KPa	770.52469	
LSD/E-N	DIN	Nitrogen	200 bar/2900 psi	10 bar/145 psi	770.52471	
LSD/B-N	BSP	Nitrogen	200 bar/2900 psi	10 bar/145 psi	770.52473	
LSD/F-N	NFE	Nitrogen	200 bar/2900 psi	10 bar/145 psi	770.52477	
LSD/AS-N	AS	Nitrogen	20000 KPa	1000 KPa	770.52479	
LSD/E-He	DIN	Helium	200 bar/2900 psi	10 bar/145 psi	770.52481	
LSD/B-He	BSP	Helium	200 bar/2900 psi	10 bar/145 psi	770.52483	
LSD/F-He	NFE	Helium	200 bar/2900 psi	10 bar/145 psi	770.52487	
LSD/AS-He	AS	Helium	20000 KPa	1000 KPa	770.52489	

Stand: 08/2013

✱ **on request**

TORNADO SERIES RD

Type	Standard	Gas Type	Inlet Pressure	Outlet Pressure	Art. No.	Cat. No.
RD/B-O	BSP	Oxygen	200 bar/2900 psi	10 bar/145 psi	770.52490	
RD/U-O	CGA	Oxygen	200 bar/2900 psi	10 bar/145 psi	770.52492	
RD/BU-O	BSP/CGA	Oxygen	200 bar/2900 psi	10 bar/145 psi	770.52434	
RD/B-H	BSP	Hydrogen	200 bar/2900 psi	10 bar/145 psi	770.52494	
RD/U-H	CGA	Hydrogen	200 bar/2900 psi	10 bar/145 psi	770.52496	
RD/BU-H	BSP/CGA	Hydrogen	200 bar/2900 psi	10 bar/145 psi	770.52444	
RD/B-Ar	BSP	Argon	200 bar/2900 psi	10 bar/145 psi	770.52498	
RD/U-Ar	CGA	Argon	200 bar/2900 psi	10 bar/145 psi	770.52500	
RD/BU-Ar	BSP/CGA	Argon	200 bar/2900 psi	10 bar/145 psi	770.52454	
RD/B-C	BSP	Carbon	100 bar/1450 psi	10 bar/145 psi	770.52502	
RD/U-C	CGA	Carbon	100 bar/1450 psi	10 bar/145 psi	770.52504	
RD/BU-C	BSP/CGA	Carbon	100 bar/1450 psi	10 bar/145 psi	770.52464	
RD/B-N	BSP	Nitrogen	200 bar/2900 psi	10 bar/145 psi	770.52506	
RD/U-N	CGA	Nitrogen	200 bar/2900 psi	10 bar/145 psi	770.52508	
RD/BU-N	BSP/CGA	Nitrogen	200 bar/2900 psi	10 bar/145 psi	770.52474	
RD/B-He	BSP	Helium	200 bar/2900 psi	10 bar/145 psi	770.52510	
RD/U-He	CGA	Helium	200 bar/2900 psi	10 bar/145 psi	770.52512	
RD/BU-He	BSP/CGA	Helium	200 bar/2900 psi	10 bar/145 psi	770.52484	

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TORNADO SERIES RSD

Type	*Standard*	*Gas Type*	*Inlet Pressure*	*Outlet Pressure*	*Art. No.*	*Cat. No.*
RSD/B-O	BSP	Oxygen	200 bar/2900 psi	10 bar/145 psi	770.52491	
RSD/U-O	CGA	Oxygen	200 bar/2900 psi	10 bar/145 psi	770.52493	
RSD/BU-O	BSP/CGA	Oxygen	200 bar/2900 psi	10 bar/145 psi	770.52435	
RSD/B-H	BSP	Hydrogen	200 bar/2900 psi	10 bar/145 psi	770.52495	
RSD/U-H	CGA	Hydrogen	200 bar/2900 psi	10 bar/145 psi	770.52497	
RSD/BU-H	BSP/CGA	Hydrogen	200 bar/2900 psi	10 bar/145 psi	770.52445	
RSD/B-Ar	BSP	Argon	200 bar/2900 psi	10 bar/145 psi	770.52499	
RSD/U-Ar	CGA	Argon	200 bar/2900 psi	10 bar/145 psi	770.52501	
RSD/BU-Ar	BSP/CGA	Argon	200 bar/2900 psi	10 bar/145 psi	770.52455	
RSD/B-C	BSP	Carbon	100 bar/1450 psi	10 bar/145 psi	770.52503	
RSD/U-C	CGA	Carbon	100 bar/1450 psi	10 bar/145 psi	770.52505	
RSD/BU-C	BSP/CGA	Carbon	100 bar/1450 psi	10 bar/145 psi	770.52465	
RSD/B-N	BSP	Nitrogen	200 bar/2900 psi	10 bar/145 psi	770.52507	
RSD/U-N	CGA	Nitrogen	200 bar/2900 psi	10 bar/145 psi	770.52509	
RSD/BU-N	BSP/CGA	Nitrogen	200 bar/2900 psi	10 bar/145 psi	770.52475	
RSD/B-He	BSP	Helium	200 bar/2900 psi	10 bar/145 psi	770.52511	
RSD/U-He	CGA	Helium	200 bar/2900 psi	10 bar/145 psi	770.52513	
RSD/BU-He	BSP/CGA	Helium	200 bar/2900 psi	10 bar/145 psi	770.52485	

Stand: 08/2013

✱ **on request**

TORNADO SERIES BD

Type	Standard	Gas Type	Inlet Pressure	Working Pressure	Art. No.	Cat. No.
BD/B-O	BSP	Oxygen	200 bar/2900 psi	10 bar/145 psi	770.52514	
BD/AS-O	AS	Oxygen	20000 KPa/2900 psi	1000 KPa/145 psi	770.52516	
BD/B-H	BSP	Hydrogen	200 bar/2900 psi	10 bar/145 psi	770.52518	
BD/AS-H	AS	Hydrogen	20000 KPa/2900 psi	1000 KPa/145 psi	770.52520	
BD/B-Ar	BSP	Argon	200 bar/2900 psi	10 bar/145 psi	770.52522	
BD/AS-Ar	AS	Argon	20000 KPa/2900 psi	1000 KPa/145 psi	770.52524	
BD/B-C	BSP	Carbon	100 bar/1450 psi	10 bar/145 psi	770.52526	
BD/AS-C	AS	Carbon	10000 KPa/1450 psi	1000 KPa/145 psi	770.52528	
BD/B-N	BSP	Nitrogen	200 bar/2900 psi	10 bar/145 psi	770.52530	
BD/AS-N	AS	Nitrogen	20000 KPa/2900 psi	1000 KPa/145 psi	770.52532	
BD/B-He	BSP	Helium	200 bar/2900 psi	10 bar/145 psi	770.52534	
BD/AS-He	AS	Helium	20000 KPa/2900 psi	1000 KPa/145 psi	770.52536	

TORNADO SERIES BSD

Type	Standard	Gas Type	Inlet Pressure	Working Pressure	Art. No.	Cat. No.
BSD/B-O	BSP	Oxygen	200 bar/2900 psi	10 bar/145 psi	770.52515	
BSD/AS-O	AS	Oxygen	20000 KPa/2900 psi	1000 KPa/145 psi	770.52517	
BSD/B-H	BSP	Hydrogen	200 bar/2900 psi	10 bar/145 psi	770.52519	
BSD/AS-H	AS	Hydrogen	20000 KPa/2900 psi	1000 KPa/145 psi	770.52521	
BSD/B-Ar	BSP	Argon	200 bar/2900 psi	10 bar/145 psi	770.52523	
BSD/AS-Ar	AS	Argon	20000 KPa/2900 psi	1000 KPa/145 psi	770.52525	
BSD/B-C	BSP	Carbon	100 bar/1450 psi	10 bar/145 psi	770.52527	
BSD/AS-C	AS	Carbon	10000 KPa/1450 psi	1000 KPa/145 psi	770.52529	
BSD/B-N	BSP	Nitrogen	200 bar/2900 psi	10 bar/145 psi	770.52531	
BSD/AS-N	AS	Nitrogen	20000 KPa/2900 psi	1000 KPa/145 psi	770.52533	
BSD/B-He	BSP	Helium	200 bar/2900 psi	10 bar/145 psi	770.52535	
BSD/AS-He	AS	Helium	20000 KPa/2900 psi	1000 KPa/145 psi	770.52537	

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TORNADO SERIES LDFG

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
LDFG/E-Ar	DIN	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52538	
LDFG/B-Ar	BSP	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52540	
LDFG/F-Ar	NFE	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52542	
LDFG/AS-Ar	AS	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52544	
LDFG/AS-Ar	AS	Argon	200 bar/2900 psi	32 l/min / 68 scfh	770.52545	
LDFG/AS-Ar	AS	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52546	
LDFG/AS-Ar	AS	Argon	200 bar/2900 psi	32 l/min / 68 scfh	770.52547	
LDFG/AS-Ar	AS	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52548	
LDFG/AS-Ar	AS	Argon	200 bar/2900 psi	32 l/min / 68 scfh	770.52549	
LDFG/E-C	DIN	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.52554	
LDFG/B-C	BSP	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.52556	
LDFG/F-C	NFE	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.52558	
LDFG/AS-C	AS	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.52560	
LDFG/AS-C	AS	Carbon	100 bar/1450 psi	32 l/min / 68 scfh	770.52605	
LDFG/AS-C	AS	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.52606	
LDFG/AS-C	AS	Carbon	100 bar/1450 psi	32 l/min / 68 scfh	770.52607	
LDFG/AS-C	AS	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.52608	
LDFG/AS-C	AS	Carbon	100 bar/1450 psi	32 l/min / 68 scfh	770.52609	
LDFG/E-N	DIN	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52614	
LDFG/B-N	BSP	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52616	
LDFG/F-N	NFE	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52618	
LDFG/AS-N	AS	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52620	
LDFG/AS-N	AS	Nitrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52621	
LDFG/AS-N	AS	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52622	
LDFG/AS-N	AS	Nitrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52623	
LDFG/AS-N	AS	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52624	
LDFG/AS-N	AS	Nitrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52625	
LDFG/E-H	DIN	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52630	
LDFG/B-H	BSP	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52632	
LDFG/F-H	NFE	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52634	
LDFG/AS-H	AS	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52636	
LDFG/AS-H	AS	Hydrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52637	
LDFG/AS-H	AS	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52638	
LDFG/AS-H	AS	Hydrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52639	
LDFG/AS-H	AS	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52640	
LDFG/AS-H	AS	Hydrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52641	

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✱ on request

TORNADO SERIES LSDFG

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
LSDFG/E-Ar	DIN	Argon	200 bar/2900 psi	32 l/min / 68 scfh	770.52539	
LSDFG/B-Ar	BSP	Argon	200 bar/2900 psi	32 l/min / 68 scfh	770.52541	
LSDFG/F-Ar	NFE	Argon	200 bar/2900 psi	32 l/min / 68 scfh	770.52543	
LSDFG/AS-Ar	AS	Argon	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52550	
LSDFG/AS-Ar	AS	Argon	20000 KPa/2900 psi	32 l/min / 68 scfh	770.52551	
LSDFG/AS-Ar	AS	Argon	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52552	
LSDFG/AS-Ar	AS	Argon	20000 KPa/2900 psi	32 l/min / 68 scfh	770.52553	
LSDFG/E-	DIN	Carbon	100 bar/1450 psi	32 l/min / 68 scfh	770.52555	
LSDFG/B-	BSP	Carbon	100 bar/1450 psi	32 l/min / 68 scfh	770.52557	
LSDFG/F-	NFE	Carbon	100 bar/1450 psi	32 l/min / 68 scfh	770.52559	
LSDFG/AS-	AS	Carbon	10000 KPa/1450 psi	16 l/min / 34 scfh	770.52610	
LSDFG/AS-	AS	Carbon	10000 KPa/1450 psi	32 l/min / 68 scfh	770.52611	
LSDFG/AS-	AS	Carbon	10000 KPa/1450 psi	16 l/min / 34 scfh	770.52612	
LSDFG/AS-	AS	Carbon	10000 KPa/1450 psi	32 l/min / 68 scfh	770.52613	
LSDFG/E-	DIN	Nitrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52615	
LSDFG/B-	BSP	Nitrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52617	
LSDFG/F-	NFE	Nitrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52619	
LSDFG/AS-	AS	Nitrogen	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52626	
LSDFG/AS-	AS	Nitrogen	20000 KPa/2900 psi	32 l/min / 68 scfh	770.52627	
LSDFG/AS-	AS	Nitrogen	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52628	
LSDFG/AS-	AS	Nitrogen	20000 KPa/2900 psi	32 l/min / 68 scfh	770.52629	
LSDFG/E-	DIN	Hydrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52631	
LSDFG/B-	BSP	Hydrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52633	
LSDFG/F-	NFE	Hydrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52635	
LSDFG/AS-	AS	Hydrogen	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52642	
LSDFG/AS-	AS	Hydrogen	20000 KPa/2900 psi	32 l/min / 68 scfh	770.52643	
LSDFG/AS-	AS	Hydrogen	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52644	
LSDFG/AS-	AS	Hydrogen	20000 KPa/2900 psi	32 l/min / 68 scfh	770.52645	

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TORNADO SERIES RDFG

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
RDFG/B-Ar	BSP	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52646	
RDFG/BU-Ar	BSP/CGA	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52650	
RDFG/U-Ar	CGA	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52654	
RDFG/B-C	BSP	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.52658	
RDFG/BU-C	BSP/CGA	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.52662	
RDFG/U-C	CGA	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.52666	
RDFG/B-N	BSP	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52670	
RDFG/BU-N	BSP/CGA	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52674	
RDFG/U-N	CGA	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52678	
RDFG/B-H	BSP	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52682	
RDFG/BU-H	BSP/CGA	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52656	
RDFG/U-H	CGA	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52690	

TORNADO SERIES RDFG

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
RDFG/B-Ar	BSP	Argon	200 bar/2900 psi	32 l/min / 68 scfh	770.52647	
RDFG/BU-Ar	BSP/CGA	Argon	200 bar/2900 psi	32 l/min / 68 scfh	770.52651	
RDFG/U-Ar	CGA	Argon	200 bar/2900 psi	32 l/min / 68 scfh	770.52655	
RDFG/B-C	BSP	Carbon	100 bar/1450 psi	32 l/min / 68 scfh	770.52659	
RDFG/BU-C	BSP/CGA	Carbon	100 bar/1450 psi	32 l/min / 68 scfh	770.52663	
RDFG/U-C	CGA	Carbon	100 bar/1450 psi	32 l/min / 68 scfh	770.52667	
RDFG/B-N	BSP	Nitrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52671	
RDFG/BU-N	BSP/CGA	Nitrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52675	
RDFG/U-N	CGA	Nitrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52679	
RDFG/B-H	BSP	Hydrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52683	
RDFG/BU-H	BSP/CGA	Hydrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52687	
RDFG/U-H	CGA	Hydrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52691	

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✱ **on request**

TORNADO SERIES RSDFG

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
RSDFG/B-Ar	BSP	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52648	
RSDFG/BU-Ar	BSP/CGA	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52652	
RSDFG/U-Ar	CGA	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52656	
RSDFG/B-C	BSP	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.52660	
RSDFG/BU-C	BSP/CGA	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.52664	
RSDFG/U-C	CGA	Carbon	100 bar/1450 psi	16 l/min / 34 scfh	770.52668	
RSDFG/B-N	BSP	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52672	
RSDFG/BU-N	BSP/CGA	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52676	
RSDFG/U-N	CGA	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52680	
RSDFG/B-H	BSP	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52684	
RSDFG/BU-H	BSP/CGA	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52688	
RSDFG/U-H	CGA	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52692	

TORNADO SERIES RSDFG

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
RSDFG/B-Ar	BSP	Argon	200 bar/2900 psi	32 l/min / 68 scfh	770.52649	
RSDFG/BU-Ar	BSP/CGA	Argon	200 bar/2900 psi	32 l/min / 68 scfh	770.52653	
RSDFG/U-Ar	CGA	Argon	200 bar/2900 psi	32 l/min / 68 scfh	770.52657	
RSDFG/B-C	BSP	Carbon	100 bar/1450 psi	32 l/min / 68 scfh	770.52661	
RSDFG/BU-C	BSP/CGA	Carbon	100 bar/1450 psi	32 l/min / 68 scfh	770.52665	
RSDFG/U-C	CGA	Carbon	100 bar/1450 psi	32 l/min / 68 scfh	770.52669	
RSDFG/B-N	BSP	Nitrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52673	
RSDFG/BU-N	BSP/CGA	Nitrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52677	
RSDFG/U-N	CGA	Nitrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52681	
RSDFG/B-H	BSP	Hydrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52685	
RSDFG/BU-H	BSP/CGA	Hydrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52689	
RSDFG/U-H	CGA	Hydrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52693	

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TORNADO SERIES BDFG

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
BDFG/B-Ar	BSP	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52694	
BDFG/AS-Ar	AS	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52696	
BDFG/AS-Ar	AS	Argon	200 bar/2900 psi	32 l/min / 68 scfh	770.52697	
BDFG/B-C	BSP	Carbon	400 bar/1450 psi	16 l/min / 34 scfh	770.52702	
BDFG/AS-C	AS	Carbon	400 bar/1450 psi	16 l/min / 34 scfh	770.52704	
BDFG/AS-C	AS	Carbon	400 bar/1450 psi	32 l/min / 68 scfh	770.52705	
BDFG/B-N	BSP	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52710	
BDFG/AS-N	AS	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52712	
BDFG/AS-N	AS	Nitrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52713	
BDFG/B-H	BSP	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52718	
BDFG/AS-H	AS	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52720	
BDFG/AS-H	AS	Hydrogen	200 bar/2900 psi	32 l/min / 68 scfh	770.52721	

TORNADO SERIES BSDFG

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
BSDFG/B-Ar	BSP	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52695	
BSDFG/AS-Ar	AS	Argon	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52698	
BSDFG/AS-Ar	AS	Argon	20000 KPa/2900 psi	32 l/min / 68 scfh	770.52699	
BSDFG/AS-Ar	AS	Argon	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52700	
BSDFG/AS-Ar	AS	Argon	20000 KPa/2900 psi	32 l/min / 68 scfh	770.52701	
BSDFG/B-C	BSP	Carbon	400 bar/1450 psi	16 l/min / 34 scfh	770.52703	
BSDFG/AS-C	AS	Carbon	10000 bar/1450 psi	16 l/min / 34 scfh	770.52706	
BSDFG/AS-C	AS	Carbon	10000 bar/1450 psi	32 l/min / 68 scfh	770.52707	
BSDFG/AS-C	AS	Carbon	10000 bar/1450 psi	16 l/min / 34 scfh	770.52708	
BSDFG/AS-C	AS	Carbon	10000 bar/1450 psi	32 l/min / 68 scfh	770.52709	
BSDFG/B-N	BSP	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52711	
BSDFG/AS-N	AS	Nitrogen	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52714	
BSDFG/AS-N	AS	Nitrogen	20000 KPa/2900 psi	32 l/min / 68 scfh	770.52715	
BSDFG/AS-N	AS	Nitrogen	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52716	
BSDFG/AS-N	AS	Nitrogen	20000 KPa/2900 psi	32 l/min / 68 scfh	770.52717	
BSDFG/B-H	BSP	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52719	
BSDFG/AS-H	AS	Hydrogen	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52722	
BSDFG/AS-H	AS	Hydrogen	20000 KPa/2900 psi	32 l/min / 68 scfh	770.52723	
BSDFG/AS-H	AS	Hydrogen	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52724	
BSDFG/AS-H	AS	Hydrogen	20000 KPa/2900 psi	32 l/min / 68 scfh	770.52725	

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✱ on request

TORNADO SERIES LDFM

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
LDFM/E-Ar	DIN	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52726	
LDFM/B-Ar	BSP	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52728	
LDFM/F-Ar	NFE	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52730	
LDFM/AS-Ar	AS	Argon	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52732	
LDFM/E-C	DIN	Carbon	100 bar/1450psi	16 l/min / 34 scfh	770.52734	
LDFM/B-C	BSP	Carbon	100 bar/1450psi	16 l/min / 34 scfh	770.52736	
LDFM/F-C	NFE	Carbon	100 bar/1450psi	16 l/min / 34 scfh	770.52738	
LDFM/AS-C	AS	Carbon	10000 KPa/1450 psi	16 l/min / 34 scfh	770.52740	
LDFM/E-N	DIN	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52742	
LDFM/B-N	BSP	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52744	
LDFM/F-N	NFE	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52746	
LDFM/AS-N	AS	Nitrogen	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52748	
LDFM/E-H	DIN	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52750	
LDFM/B-H	BSP	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52752	
LDFM/F-H	NFE	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52754	
LDFM/AS-H	AS	Hydrogen	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52756	

TORNADO SERIES LDFM

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
LDFM/E-Ar	DIN	Argon	200 bar/2900 psi	32 l/min / 64 scfh	770.52727	
LDFM/B-Ar	BSP	Argon	200 bar/2900 psi	32 l/min / 64 scfh	770.52729	
LDFM/F-Ar	NFE	Argon	200 bar/2900 psi	32 l/min / 64 scfh	770.52731	
LDFM/AS-Ar	AS	Argon	20000 KPa/2900 psi	32 l/min / 64 scfh	770.52733	
LDFM/E-C	DIN	Carbon	100 bar/1450psi	32 l/min / 64 scfh	770.52735	
LDFM/B-C	BSP	Carbon	100 bar/1450psi	32 l/min / 64 scfh	770.52737	
LDFM/F-C	NFE	Carbon	100 bar/1450psi	32 l/min / 64 scfh	770.52739	
LDFM/AS-C	AS	Carbon	10000 KPa/1450 psi	32 l/min / 64 scfh	770.52741	
LDFM/E-N	DIN	Nitrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52743	
LDFM/B-N	BSP	Nitrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52745	
LDFM/F-N	NFE	Nitrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52747	
LDFM/AS-N	AS	Nitrogen	20000 KPa/2900 psi	32 l/min / 64 scfh	770.52749	
LDFM/E-H	DIN	Hydrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52751	
LDFM/B-H	BSP	Hydrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52753	
LDFM/F-H	NFE	Hydrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52755	
LDFM/AS-H	AS	Hydrogen	20000 KPa/2900 psi	32 l/min / 64 scfh	770.52757	

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TORNADO SERIES RDFM

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
RDFM/B-Ar	BSP	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52758	
RDFM/BU-Ar	BSP/CGA	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52760	
RDFM/U-Ar	CGA	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52762	
RDFM/B-C	BSP	Carbon	100 bar/1450psi	16 l/min / 34 scfh	770.52764	
RDFM/BU-C	BSP/CGA	Carbon	100 bar/1450psi	16 l/min / 34 scfh	770.52766	
RDFM/U-C	CGA	Carbon	100 bar/1450psi	16 l/min / 34 scfh	770.52768	
RDFM/B-N	BSP	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52770	
RDFM/BU-N	BSP/CGA	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52772	
RDFM/U-N	CGA	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52774	
RDFM/B-H	BSP	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52776	
RDFM/BU-H	BSP/CGA	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52778	
RDFM/U-H	CGA	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52780	

TORNADO SERIES RDFM

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
RDFM/B-Ar	BSP	Argon	200 bar/2900 psi	32 l/min / 64 scfh	770.52759	
RDFM/BU-Ar	BSP/CGA	Argon	200 bar/2900 psi	32 l/min / 64 scfh	770.52761	
RDFM/U-Ar	CGA	Argon	200 bar/2900 psi	32 l/min / 64 scfh	770.52763	
RDFM/B-C	BSP	Carbon	100 bar/1450psi	32 l/min / 64 scfh	770.52765	
RDFM/BU-C	BSP/CGA	Carbon	100 bar/1450psi	32 l/min / 64 scfh	770.52767	
RDFM/U-C	CGA	Carbon	100 bar/1450psi	32 l/min / 64 scfh	770.52769	
RDFM/B-N	BSP	Nitrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52771	
RDFM/BU-N	BSP/CGA	Nitrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52773	
RDFM/U-N	CGA	Nitrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52775	
RDFM/B-H	BSP	Hydrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52777	
RDFM/BU-H	BSP/CGA	Hydrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52779	
RDFM/U-H	CGA	Hydrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52781	

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✱ on request

TORNADO SERIES BDFM

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
BDFM/B-Ar	BSP	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52782	
BDFM/AS-Ar	AS	Argon	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52784	
BDFM/B-C	BSP	Carbon	100 bar/1450psi	16 l/min / 34 scfh	770.52786	
BDFM/AS-C	AS	Carbon	10000 KPa/1450 psi	16 l/min / 34 scfh	770.52788	
BDFM/B-N	BSP	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52790	
BDFM/AS-N	AS	Nitrogen	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52792	
BDFM/B-H	BSP	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52794	
BDFM/AS-H	AS	Hydrogen	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52796	

TORNADO SERIES BDFM

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
BDFM/B-Ar	BSP	Argon	200 bar/2900 psi	32 l/min / 64 scfh	770.52783	
BDFM/AS-Ar	AS	Argon	20000 KPa/2900 psi	32 l/min / 64 scfh	770.52785	
BDFM/B-C	BSP	Carbon	100 bar/1450psi	32 l/min / 64 scfh	770.52787	
BDFM/AS-C	AS	Carbon	10000 KPa/1450 psi	32 l/min / 64 scfh	770.52789	
BDFM/B-N	BSP	Nitrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52791	
BDFM/AS-N	AS	Nitrogen	20000 KPa/2900 psi	32 l/min / 64 scfh	770.52793	
BDFM/B-H	BSP	Hydrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52795	
BDFM/AS-H	AS	Hydrogen	20000 KPa/2900 psi	32 l/min / 64 scfh	770.52797	

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TORNADO SERIES LDFM2

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
LDFM2/E-Ar	DIN	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52798	
LDFM2/B-Ar	BSP	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52800	
LDFM2/F-Ar	NFE	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52802	
LDFM2/AS-Ar	AS	Argon	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52804	
LDFM2/E-C	DIN	Carbon	100 bar/1450psi	16 l/min / 34 scfh	770.52806	
LDFM2/B-C	BSP	Carbon	100 bar/1450psi	16 l/min / 34 scfh	770.52808	
LDFM2/F-C	NFE	Carbon	100 bar/1450psi	16 l/min / 34 scfh	770.52810	
LDFM2/AS-C	AS	Carbon	10000 KPa/1450 psi	16 l/min / 34 scfh	770.52812	
LDFM2/E-N	DIN	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52814	
LDFM2/B-N	BSP	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52816	
LDFM2/F-N	NFE	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52818	
LDFM2/AS-N	AS	Nitrogen	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52820	
LDFM2/E-H	DIN	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52822	
LDFM2/B-H	BSP	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52824	
LDFM2/F-H	NFE	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52826	
LDFM2/AS-H	AS	Hydrogen	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52828	

TORNADO SERIES LDFM2

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
LDFM2/E-Ar	DIN	Argon	200 bar/2900 psi	32 l/min / 64 scfh	770.52799	
LDFM2/B-Ar	BSP	Argon	200 bar/2900 psi	32 l/min / 64 scfh	770.52801	
LDFM2/F-Ar	NFE	Argon	200 bar/2900 psi	32 l/min / 64 scfh	770.52803	
LDFM2/AS-Ar	AS	Argon	20000 KPa/2900 psi	32 l/min / 64 scfh	770.52805	
LDFM2/E-C	DIN	Carbon	100 bar/1450psi	32 l/min / 64 scfh	770.52807	
LDFM2/B-C	BSP	Carbon	100 bar/1450psi	32 l/min / 64 scfh	770.52809	
LDFM2/F-C	NFE	Carbon	100 bar/1450psi	32 l/min / 64 scfh	770.52811	
LDFM2/AS-C	AS	Carbon	10000 KPa/1450 psi	32 l/min / 64 scfh	770.52813	
LDFM2/E-N	DIN	Nitrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52815	
LDFM2/B-N	BSP	Nitrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52817	
LDFM2/F-N	NFE	Nitrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52819	
LDFM2/AS-N	AS	Nitrogen	20000 KPa/2900 psi	32 l/min / 64 scfh	770.52821	
LDFM2/E-H	DIN	Hydrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52823	
LDFM2/B-H	BSP	Hydrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52825	
LDFM2/F-H	NFE	Hydrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52827	
LDFM2/AS-H	AS	Hydrogen	20000 KPa/2900 psi	32 l/min / 64 scfh	770.52829	

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✱ on request

TORNADO SERIES RDFM2

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
RDFM2/B-Ar	BSP	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52830	
RDFM2/BU-Ar	BSP/CGA	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52832	
RDFM2/U-Ar	CGA	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52834	
RDFM2/B-C	BSP	Carbon	100 bar/1450psi	16 l/min / 34 scfh	770.52836	
RDFM2/BU-C	BSP/CGA	Carbon	100 bar/1450psi	16 l/min / 34 scfh	770.52838	
RDFM2/U-C	CGA	Carbon	100 bar/1450psi	16 l/min / 34 scfh	770.52840	
RDFM2/B-N	BSP	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52842	
RDFM2/BU-N	BSP/CGA	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52844	
RDFM2/U-N	CGA	Nitrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52846	
RDFM2/B-H	BSP	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52848	
RDFM2/BU-H	BSP/CGA	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52850	
RDFM2/U-H	CGA	Hydrogen	200 bar/2900 psi	16 l/min / 34 scfh	770.52852	

TORNADO SERIES RDFM2

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
RDFM2/B-Ar	BSP	Argon	200 bar/2900 psi	32 l/min / 64 scfh	770.52831	
RDFM2/BU-Ar	BSP/CGA	Argon	200 bar/2900 psi	32 l/min / 64 scfh	770.52833	
RDFM2/U-Ar	CGA	Argon	200 bar/2900 psi	32 l/min / 64 scfh	770.52835	
RDFM2/B-C	BSP	Carbon	100 bar/1450psi	32 l/min / 64 scfh	770.52837	
RDFM2/BU-C	BSP/CGA	Carbon	100 bar/1450psi	32 l/min / 64 scfh	770.52839	
RDFM2/U-C	CGA	Carbon	100 bar/1450psi	32 l/min / 64 scfh	770.52841	
RDFM2/B-N	BSP	Nitrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52843	
RDFM2/BU-N	BSP/CGA	Nitrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52845	
RDFM2/U-N	CGA	Nitrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52847	
RDFM2/B-H	BSP	Hydrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52849	
RDFM2/BU-H	BSP/CGA	Hydrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52851	
RDFM2/U-H	CGA	Hydrogen	200 bar/2900 psi	32 l/min / 64 scfh	770.52853	

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TORNADO SERIES BDFM2

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
BDFM2/B-Ar	DIN	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52854	
BDFM2/AS-Ar	BSP	Argon	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52856	
BDFM2/B-C	NFE	Argon	100 bar/1450psi	16 l/min / 34 scfh	770.52858	
BDFM2/AS-C	AS	Argon	10000 KPa/1450 psi	16 l/min / 34 scfh	770.52860	
BDFM2/B-N	DIN	Carbon	200 bar/2900 psi	16 l/min / 34 scfh	770.52862	
BDFM2/AS-N	BSP	Carbon	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52864	
BDFM2/B-H	NFE	Carbon	200 bar/2900 psi	16 l/min / 34 scfh	770.52866	
BDFM2/AS-H	AS	Carbon	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52878	

TORNADO SERIES BDFM2

Type	Standard	Gas Type	Inlet Pressure	Flow Rate	Art. No.	Cat. No.
BDFM2/B-Ar	DIN	Argon	200 bar/2900 psi	16 l/min / 34 scfh	770.52855	
BDFM2/AS-Ar	BSP	Argon	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52857	
BDFM2/B-C	NFE	Argon	100 bar/1450psi	16 l/min / 34 scfh	770.52859	
BDFM2/AS-C	AS	Argon	10000 KPa/1450 psi	16 l/min / 34 scfh	770.52861	
BDFM2/B-N	DIN	Carbon	200 bar/2900 psi	16 l/min / 34 scfh	770.52863	
BDFM2/AS-N	BSP	Carbon	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52865	
BDFM2/B-H	NFE	Carbon	200 bar/2900 psi	16 l/min / 34 scfh	770.52867	
BDFM2/AS-H	AS	Carbon	20000 KPa/2900 psi	16 l/min / 34 scfh	770.52869	

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✱ **on request**

TORNADO SERIES Le/C

Type	Standard	Gas Type	Supply Voltage	Inlet P.	Outlet P.	Art. No.	Cat. No.
Le/E-C	DIN	Oxygen	200 V / 50 Hz	100 bar / 1450 psi	100 bar / 1450 psi	770.52870	
Le/B-C	BSP	Oxygen	110 V	100 bar / 1450 psi	100 bar / 1450 psi	770.52872	
Le/F-C	NFE	Oxygen				770.52880	
Le/AS-C	AS	Oxygen				770.52882	

TORNADO SERIES Re/C

Type	Standard	Gas Type	Supply Voltage	Inlet P.	Outlet P.	Art. No.	Cat. No.
Re/B-C	BSP	Co_2	200 V / 50 Hz	100 bar / 1450 psi	100 bar / 1450 psi	770.52874	
Re/U-C	CGA	Co_2	200 V / 50 Hz	100 bar / 1450 psi	100 bar / 1450 psi	770.52876	
Re/BU-C	BSP/CGA	Co_2	200 V / 50 Hz	100 bar / 1450 psi	100 bar / 1450 psi	770.52878	

TORNADO SERIES RSe/C

Type	Standard	Gas Type	Supply Voltage	Inlet P.	Outlet P.	Art. No.	Cat. No.
RS/B-O	DIN	Co_2	200 V / 50 Hz	100 bar / 1450 psi	100 bar / 1450 psi	770.52871	
RS/BU-O	BSP	Co_2	110 V	100 bar / 1450 psi	100 bar / 1450 psi	770.52873	
RS/U-O	BSP	Co_2	200 V / 50 Hz	100 bar / 1450 psi	100 bar / 1450 psi	770.52875	
RS/B-A	CGA	Co_2	200 V / 50 Hz	100 bar / 1450 psi	100 bar / 1450 psi	770.52877	
RS/BU-A	BSP/CGA	Co_2	200 V / 50 Hz	100 bar / 1450 psi	100 bar / 1450 psi	770.52879	
RS/U-A	NFE	Co_2		10000 KPa	1000 KPa	770.52881	
RS/UB-P	AS	Co_2		10000 KPa	1000 KPa	770.52883	

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TORNADO SERIES LFGe/C

Type	Standard	Gas Type	Supply Voltage	Inlet P.	Outlet P.	Art. No.	Cat. No.
LFGe/E-C	DIN	Co_2	200 V / 50 Hz	100 bar / 1450 psi	32 l/min / 68 scfh	770.52884	
LFGe/B-C	BSP	Co_2	200 V / 50 Hz	100 bar / 1450 psi	32 l/min / 68 scfh	770.52886	
LFGe/F-C	NFE	Co_2	200 V / 50 Hz	100 bar / 1450 psi	32 l/min / 68 scfh	770.52894	
LFGe/AS-C	AS	Co_2	200 V / 50 Hz	10000 KPa	32 l/min / 68 scfh	770.52896	

TORNADO SERIES RFGe/C

Type	Standard	Gas Type	Supply Voltage	Inlet P.	Outlet P.	Art. No.	Cat. No.
RFGe/B-C	BSP	Co_2	200 V / 50 Hz	100 bar / 1450 psi	32 l/min / 68 scfh	770.52888	
RFGe/U-C	CGA	Co_2	110 V	100 bar / 1450 psi	32 l/min / 68 scfh	770.52890	
RFGe/BU-C	BSP/CGA	Co_2	200 V / 50 Hz	100 bar / 1450 psi	32 l/min / 68 scfh	770.52892	

TORNADO SERIES LSFGe/C

Type	Standard	Gas Type	Supply Voltage	Inlet P.	Outlet P.	Art. No.	Cat. No.
LSFGe/E-C	DIN	Co_2	200 V / 50 Hz	100 bar / 1450 psi	32 l/min / 68 scfh	770.52885	
LSFGe/B-C	BSP	Co_2	200 V / 50 Hz	100 bar / 1450 psi	32 l/min / 68 scfh	770.52887	
LSFGe/F-C	NFE	Co_2	200 V / 50 Hz	100 bar / 1450 psi	32 l/min / 68 scfh	770.52895	
LSFGe/AS-C	AS	Co_2	200 V / 50 Hz	10000 KPa	32 l/min / 68 scfh	770.52897	

TORNADO SERIES RSFGe/C

Type	Standard	Gas Type	Supply Voltage	Inlet P.	Outlet P.	Art. No.	Cat. No.
RSFGe/B-C	BSP	Co_2	200 V / 50 Hz	100 bar / 1450 psi	32 l/min / 68 scfh	770.52889	
RSFGe/U-C	CGA	Co_2	110 V	100 bar / 1450 psi	32 l/min / 68 scfh	770.52891	
RSFGe/BU-C	BSP/CGA	Co_2	200 V / 50 Hz	100 bar / 1450 psi	32 l/min / 68 scfh	770.52893	

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✱ on request

MESSER Cutting Systems

TORNADO SERIES LFMe/C

Type	Standard	Gas Type	Supply Voltage	Inlet P.	Outlet P.	Art. No.	Cat. No.
LFMe/E-C	DIN	Co_2	200 V/50 Hz	200 bar / 2900 psi	32 l/min / 64 scfh	77.52898	
LFMe/B-C	BSP	Co_2	200 V/50 Hz	200 bar / 2900 psi	32 l/min / 64 scfh	77.52899	
LFMe/F-C	NFE	Co_2	200 V/50 Hz	200 bar / 2900 psi	32 l/min / 64 scfh	77.52903	
LFMe/AS-C	AS	Co_2	200 V/50 Hz	20000 KPa	32 l/min / 64 scfh	77.52904	

TORNADO SERIES RFMe/C

Type	Standard	Gas Type	Supply Voltage	Inlet P.	Outlet P.	Art. No.	Cat. No.
RFMe/B-C	BSP	Co_2	200 V/50 Hz	200 bar / 2900 psi	32 l/min / 64 scfh	77.52900	
RFMe/U-C	CGA	Co_2	110 V	200 bar / 2900 psi	32 l/min / 64 scfh	77.52901	
RFMe/BU-C	BSP/CGA	Co_2	200 V/50 Hz	200 bar / 2900 psi	32 l/min / 64 scfh	77.52902	

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TORNADO SERIES TL 20 bar

Type	Standard	Gas Type	Inlet Pressure	Outlet Pressure	Art. No.	Cat. No.
TL/E-O 20	DIN	Oxygen	230 bar/3335 psi	20 bar/290 psi	770.21210	
TL/B-O 20	BSP	Oxygen	230 bar/3335 psi	20 bar/290 psi	770.21222	
TL/F-O 20	NFE	Oxygen	230 bar/3335 psi	20 bar/290 psi	770.21343	
TL/AS-O 20	AS	Oxygen	23000 KPa/3335 psi	2000/290 psi	770.21345	
TL/E-H 20	DIN	Hydrogen	230 bar/3335 psi	20 bar/290 psi	770.21234	
TL/B-H 20	BSP	Hydrogen	230 bar/3335 psi	20 bar/290 psi	770.21246	
TL/F-H 20	NFE	Hydrogen	230 bar/3335 psi	20 bar/290 psi	770.21349	
TL/AS-H 20	AS	Hydrogen	23000 KPa/3335 psi	2000/290 psi	770.21351	
TL/E-Ar 20	DIN	Argon	230 bar/3335 psi	20 bar/290 psi	770.21258	
TL/B-Ar 20	BSP	Argon	230 bar/3335 psi	20 bar/290 psi	770.21270	
TL/F-Ar 20	NFE	Argon	230 bar/3335 psi	20 bar/290 psi	770.21355	
TL/AS-Ar 20	AS	Argon	23000 KPa/3335 psi	2000/290 psi	770.21357	
TL/E-C 20	DIN	Carbon	100 bar/1450 psi	20 bar/290 psi	770.21282	
TL/B-C 20	BSP	Carbon	100 bar/1450 psi	20 bar/290 psi	770.21286	
TL/F-C 20	NFE	Carbon	100 bar/1450 psi	20 bar/290 psi	770.21361	
TL/AS-C 20	AS	Carbon	10000 KPa/1450 psi	2000/290 psi	770.21363	
TL/E-N 20	DIN	Nitrogen	230 bar/3335 psi	20 bar/290 psi	770.21290	
TL/B-N 20	BSP	Nitrogen	230 bar/3335 psi	20 bar/290 psi	770.21302	
TL/F-N 20	NFE	Nitrogen	230 bar/3335 psi	20 bar/290 psi	770.21367	
TL/AS-N 20	AS	Nitrogen	23000 KPa/3335 psi	2000/290 psi	770.21369	
TL/E-He 20	DIN	Helium	230 bar/3335 psi	20 bar/290 psi	770.21314	
TL/B-He 20	BSP	Helium	230 bar/3335 psi	20 bar/290 psi	770.21326	
TL/F-He 20	NFE	Helium	230 bar/3335 psi	20 bar/290 psi	770.21373	
TL/AS-He 20	AS	Helium	23000 KPa/3335 psi	2000/290 psi	770.21375	

TORNADO SERIES TR 20 bar

Type	Standard	Gas Type	Inlet Pressure	Outlet Pressure	Art. No.	Cat. No.
RT/U-O 20	CGA	Oxygen	230 bar/3335 psi	20 bar/290 psi	770.21341	
RT/U-H 20	CGA	Hydrogen	230 bar/3335 psi	20 bar/290 psi	770.21347	
RT/U-Ar 20	CGA	Argon	230 bar/3335 psi	20 bar/290 psi	770.21353	
RT/U-C 20	CGA	Carbon	100 bar/1450 psi	20 bar/290 psi	770.21359	
RT/U-N 20	CGA	Nitrogen	230 bar/3335 psi	20 bar/290 psi	770.21365	
RT/U-He 20	CGA	Helium	230 bar/3335 psi	20 bar/290 psi	770.21371	

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✱ **on request**

20 bar — TORNADO SERIES TLS

Type	Standard	Gas Type	Inlet Pressure	Outlet Pressure	Art. No.	Cat. No.
TLS/E-O 20	DIN	Oxygen	230 bar/3335 psi	20 bar/290 psi	770.21211	
TLS/B-O 20	BSP	Oxygen	230 bar/3335 psi	20 bar/290 psi	770.21223	
TLS/F-O 20	NFE	Oxygen	230 bar/3335 psi	20 bar/290 psi	770.21344	
TLS/AS-O 20	AS	Oxygen	23000 KPa/3335 psi	2000/290 psi	770.21346	
TLS/E-H 20	DIN	Hydrogen	230 bar/3335 psi	20 bar/290 psi	770.21235	
TLS/B-H 20	BSP	Hydrogen	230 bar/3335 psi	20 bar/290 psi	770.21247	
TLS/F-H 20	NFE	Hydrogen	230 bar/3335 psi	20 bar/290 psi	770.21350	
TLS/AS-H 20	AS	Hydrogen	23000 KPa/3335 psi	2000/290 psi	770.21352	
TLS/E-Ar 20	DIN	Argon	230 bar/3335 psi	20 bar/290 psi	770.21259	
TLS/B-Ar 20	BSP	Argon	230 bar/3335 psi	20 bar/290 psi	770.21271	
TLS/F-Ar 20	NFE	Argon	230 bar/3335 psi	20 bar/290 psi	770.21356	
TLS/AS-Ar 20	AS	Argon	23000 KPa/3335 psi	2000/290 psi	770.21358	
TLS/E-C 20	DIN	Carbon	100 bar/1450 psi	20 bar/290 psi	770.21283	
TLS/B-C 20	BSP	Carbon	100 bar/1450 psi	20 bar/290 psi	770.21287	
TLS/F-C 20	NFE	Carbon	100 bar/1450 psi	20 bar/290 psi	770.21362	
TLS/AS-C 20	AS	Carbon	10000 KPa/1450 psi	2000/290 psi	770.21364	
TLS/E-N 20	DIN	Nitrogen	230 bar/3335 psi	20 bar/290 psi	770.21291	
TLS/B-N 20	BSP	Nitrogen	230 bar/3335 psi	20 bar/290 psi	770.21303	
TLS/F-N 20	NFE	Nitrogen	230 bar/3335 psi	20 bar/290 psi	770.21368	
TLS/AS-N 20	AS	Nitrogen	23000 KPa/3335 psi	2000/290 psi	770.21370	
TLS/E-He 20	DIN	Helium	230 bar/3335 psi	20 bar/290 psi	770.21315	
TLS/B-He 20	BSP	Helium	230 bar/3335 psi	20 bar/290 psi	770.21327	
TLS/F-He 20	NFE	Helium	230 bar/3335 psi	20 bar/290 psi	770.21374	
TLS/AS-He 20	AS	Helium	23000 KPa/3335 psi	2000/290 psi	770.21376	

20 bar — TORNADO SERIES TRS

Type	Standard	Gas Type	Inlet Pressure	Outlet Pressure	Art. No.	Cat. No.
RTS/U-O 20	CGA	Oxygen	230 bar/3335 psi	20 bar/290 psi	770.21342	
RTS/U-H 20	CGA	Hydrogen	230 bar/3335 psi	20 bar/290 psi	770.21348	
RTS/U-Ar 20	CGA	Argon	230 bar/3335 psi	20 bar/290 psi	770.21354	
RTS/U-C 20	CGA	Carbon	100 bar/1450 psi	20 bar/290 psi	770.21360	
RTS/U-N 20	CGA	Nitrogen	230 bar/3335 psi	20 bar/290 psi	770.21366	
RTS/U-He 20	CGA	Helium	230 bar/3335 psi	20 bar/290 psi	770.21372	

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TORNADO SERIES TL 50 bar

Type	Standard	Gas Type	Inlet Pressure	Outlet Pressure	Art. No.	Cat. No.
TL/E-O 50	DIN	Oxygen	230 bar/3335 psi	50 bar/725 psi	770.21214	
TL/B-O 50	BSP	Oxygen	230 bar/3335 psi	50 bar/725 psi	770.21226	
TL/F-O 50	NFE	Oxygen	230 bar/3335 psi	50 bar/725 psi	770.21379	
TL/AS-O 50	AS	Oxygen	23000 KPa/3335 psi	50000/725 psi	770.21381	
TL/E-H 50	DIN	Hydrogen	230 bar/3335 psi	50 bar/725 psi	770.21238	
TL/B-H 50	BSP	Hydrogen	230 bar/3335 psi	50 bar/725 psi	770.21250	
TL/F-H 50	NFE	Hydrogen	230 bar/3335 psi	50 bar/725 psi	770.21385	
TL/AS-H 50	AS	Hydrogen	23000 KPa/3335 psi	50000/725 psi	770.21387	
TL/E-Ar 50	DIN	Argon	230 bar/3335 psi	50 bar/725 psi	770.21262	
TL/B-Ar 50	BSP	Argon	230 bar/3335 psi	50 bar/725 psi	770.21274	
TL/F-Ar 50	NFE	Argon	230 bar/3335 psi	50 bar/725 psi	770.21391	
TL/AS-Ar 50	AS	Argon	23000 KPa/3335 psi	50000/725 psi	770.21393	
TL/E-N 50	DIN	Nitrogen	230 bar/3335 psi	50 bar/725 psi	770.21294	
TL/B-N 50	BSP	Nitrogen	230 bar/3335 psi	50 bar/725 psi	770.21306	
TL/F-N 50	NFE	Nitrogen	230 bar/3335 psi	50 bar/725 psi	770.21397	
TL/AS-N 50	AS	Nitrogen	23000 KPa/3335 psi	50000/725 psi	770.21399	

TORNADO SERIES TR 50 bar

Type	Standard	Gas Type	Inlet Pressure	Outlet Pressure	Art. No.	Cat. No.
RT/U-O 50	CGA	Oxygen	230 bar/3335 psi	50 bar/725 psi	770.21377	
RT/U-H 50	CGA	Hydrogen	230 bar/3335 psi	50 bar/725 psi	770.21383	
RT/U-Ar 50	CGA	Argon	230 bar/3335 psi	50 bar/725 psi	770.21389	
RT/U-N 50	CGA	Nitrogen	230 bar/3335 psi	50 bar/725 psi	770.21395	

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50 bar — TORNADO SERIES TLS

Type	Standard	Gas Type	Inlet Pressure	Outlet Pressure	Art. No.	Cat. No.
TLS/E-O 50	DIN	Oxygen	230 bar/3335 psi	50 bar/725 psi	770.21215	
TLS/B-O 50	BSP	Oxygen	230 bar/3335 psi	50 bar/725 psi	770.21227	
TLS/F-O 50	NFE	Oxygen	230 bar/3335 psi	50 bar/725 psi	770.21380	
TLS/AS-O 50	AS	Oxygen	23000 KPa/3335 psi	50000/725 psi	770.21382	
TLS/E-H 50	DIN	Hydrogen	230 bar/3335 psi	50 bar/725 psi	770.21239	
TLS/B-H 50	BSP	Hydrogen	230 bar/3335 psi	50 bar/725 psi	770.21251	
TLS/F-H 50	NFE	Hydrogen	230 bar/3335 psi	50 bar/725 psi	770.21386	
TLS/AS-H 50	AS	Hydrogen	23000 KPa/3335 psi	50000/725 psi	770.21388	
TLS/E-Ar 50	DIN	Argon	230 bar/3335 psi	50 bar/725 psi	770.21263	
TLS/B-Ar 50	BSP	Argon	230 bar/3335 psi	50 bar/725 psi	770.21275	
TLS/F-Ar 50	NFE	Argon	230 bar/3335 psi	50 bar/725 psi	770.21392	
TLS/AS-Ar 50	AS	Argon	23000 KPa/3335 psi	50000/725 psi	770.21394	
TLS/E-N 50	DIN	Nitrogen	230 bar/3335 psi	50 bar/725 psi	770.21295	
TLS/B-N 50	BSP	Nitrogen	230 bar/3335 psi	50 bar/725 psi	770.21307	
TLS/F-N 50	NFE	Nitrogen	230 bar/3335 psi	50 bar/725 psi	770.21398	
TLS/AS-N50	AS	Nitrogen	23000 KPa/3335 psi	50000/725 psi	770.21400	

50 bar — TORNADO SERIES TRS

Type	Standard	Gas Type	Inlet Pressure	Outlet Pressure	Art. No.	Cat. No.
RTS/U-O 50	CGA	Oxygen	230 bar/3335 psi	50 bar/725 psi	770.21378	
RTS/U-H 50	CGA	Hydrogen	230 bar/3335 psi	50 bar/725 psi	770.21384	
RTS/U-Ar 50	CGA	Argon	230 bar/3335 psi	50 bar/725 psi	770.21390	
RTS/U-N 50	CGA	Nitrogen	230 bar/3335 psi	50 bar/725 psi	770.21396	

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TORNADO SERIES TL 100 bar

Type	Standard	Gas Type	Inlet Pressure	Outlet Pressure	Art. No.	Cat. No.
TL/E-O 100	DIN	Oxygen	230 bar/3335 psi	100 bar/1450 psi	770.21218	
TL/B-O 100	BSP	Oxygen	230 bar/3335 psi	100 bar/1450 psi	770.21230	
TL/F-O 100	NFE	Oxygen	230 bar/3335 psi	100 bar/1450 psi	770.21409	
TL/AS-O 100	AS	Oxygen	23000 KPa/3335 psi	10000/1450 psi	770.21411	
TL/E-H 100	DIN	Hydrogen	230 bar/3335 psi	100 bar/1450 psi	770.21242	
TL/B-H 100	BSP	Hydrogen	230 bar/3335 psi	100 bar/1450 psi	770.21254	
TL/F-H 100	NFE	Hydrogen	230 bar/3335 psi	100 bar/1450 psi	770.21415	
TL/AS-H 100	AS	Hydrogen	23000 KPa/3335 psi	10000/1450 psi	770.21417	
TL/E-Ar 100	DIN	Argon	230 bar/3335 psi	100 bar/1450 psi	770.21266	
TL/B-Ar 100	BSP	Argon	230 bar/3335 psi	100 bar/1450 psi	770.21278	
TL/F-Ar 100	NFE	Argon	230 bar/3335 psi	100 bar/1450 psi	770.21421	
TL/AS-Ar 100	AS	Argon	23000 KPa/3335 psi	10000/1450 psi	770.21423	
TL/E-N 100	DIN	Nitrogen	230 bar/3335 psi	100 bar/1450 psi	770.21298	
TL/B-N 100	BSP	Nitrogen	230 bar/3335 psi	100 bar/1450 psi	770.21310	
TL/F-N 100	NFE	Nitrogen	230 bar/3335 psi	100 bar/1450 psi	770.21427	
TL/AS-N 100	AS	Nitrogen	23000 KPa/3335 psi	10000/1450 psi	770.21429	

TORNADO SERIES TR 100 bar

Type	Standard	Gas Type	Inlet Pressure	Outlet Pressure	Art. No.	Cat. No.
RT/U-O 100	CGA	Oxygen	230 bar/3335 psi	100 bar/1450 psi	770.21407	
RT/U-H 100	CGA	Hydrogen	230 bar/3335 psi	100 bar/1450 psi	770.21413	
RT/U-Ar 100	CGA	Argon	230 bar/3335 psi	100 bar/1450 psi	770.21419	
RT/U-N 100	CGA	Nitrogen	230 bar/3335 psi	100 bar/1450 psi	770.21425	

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100 bar — TORNADO SERIES TLS

Type	Standard	Gas Type	Inlet Pressure	Outlet Pressure	Art. No.	Cat. No.
TLS/E-O 100	DIN	Oxygen	230 bar/3335 psi	100 bar/1450 psi	770.21219	
TLS/B-O 100	BSP	Oxygen	230 bar/3335 psi	100 bar/1450 psi	770.21231	
TLS/F-O 100	NFE	Oxygen	230 bar/3335 psi	100 bar/1450 psi	770.21410	
TLS/AS-O 100	AS	Oxygen	23000 KPa/3335 psi	10000/1450 psi	770.21412	
TLS/E-H 100	DIN	Hydrogen	230 bar/3335 psi	100 bar/1450 psi	770.21243	
TLS/B-H 100	BSP	Hydrogen	230 bar/3335 psi	100 bar/1450 psi	770.21255	
TLS/F-H 100	NFE	Hydrogen	230 bar/3335 psi	100 bar/1450 psi	770.21416	
TLS/AS-H 100	AS	Hydrogen	23000 KPa/3335 psi	10000/1450 psi	770.21418	
TLS/E-Ar 100	DIN	Argon	230 bar/3335 psi	100 bar/1450 psi	770.21267	
TLS/B-Ar 100	BSP	Argon	230 bar/3335 psi	100 bar/1450 psi	770.21279	
TLS/F-Ar 100	NFE	Argon	230 bar/3335 psi	100 bar/1450 psi	770.21422	
TLS/AS-Ar 100	AS	Argon	23000 KPa/3335 psi	10000/1450 psi	770.21424	
TLS/E-N 100	DIN	Nitrogen	230 bar/3335 psi	100 bar/1450 psi	770.21299	
TLS/B-N 100	BSP	Nitrogen	230 bar/3335 psi	100 bar/1450 psi	770.21311	
TLS/F-N 100	NFE	Nitrogen	230 bar/3335 psi	100 bar/1450 psi	770.21428	
TLS/AS-N 100	AS	Nitrogen	23000 KPa/3335 psi	10000/1450 psi	770.21430	

100 bar — TORNADO SERIES TRS

Type	Standard	Gas Type	Inlet Pressure	Outlet Pressure	Art. No.	Cat. No.
RTS/U-O 100	CGA	Oxygen	230 bar/3335 psi	100 bar/1450 psi	770.21408	
RTS/U-H 100	CGA	Hydrogen	230 bar/3335 psi	100 bar/1450 psi	770.21414	
RTS/U-Ar 100	CGA	Argon	230 bar/3335 psi	100 bar/1450 psi	770.21420	
RTS/U-N 100	CGA	Nitrogen	230 bar/3335 psi	100 bar/1450 psi	770.21426	

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✱ **on request**

TORNADO 300 SERIES RH

Type	Standard	Gas Type	Inlet Pressure	Working Pressure	Art. No.	Cat. No.
RH/E-O	DIN	Oxygen	200 bar/2900psi	10 bar/145 psi	770.53038	
RH/B-O	BSP	Oxygen	200 bar/2900psi	10 bar/145 ps	770.53030	
RH/U-O	CGA	Oxygen	200 bar/2900psi	10 bar/145 ps	770.53032	
RH/F-O	NFE	Oxygen	200 bar/2900psi	10 bar/145 ps	770.53040	
RH/AS-O	AS	Oxygen	20000 KPa/2900 psi	1000 KPa/145 psi	770.53042	
RH/E-A	DIN	Acetylene	25 bar/360 psi	1,5 bar/22 psi	770.53044	
RH/B-A	BSP	Acetylene	25 bar/360 psi	1,5 bar/22 psi	770.53046	
RH/U-A	CGA	Acetylene	25 bar/360 psi	1,0 bar/14,5 psi	770.53048	
RH/F-A	NFE	Acetylene	25 bar/360 psi	1,5 bar/22 psi	770.53050	
RH/AS-A	AS	Acetylene	2500 KPa/360 psi	150 KPa/22 psi	770.53052	
RH/E-P	DIN	Propane	25 bar/360 psi	2,5 bar/36 psi	770.53054	
RH/B-P	BSP	Propane	25 bar/360 psi	2,5 bar/36 psi	770.53056	
RH/U-P	CGA	Propane	25 bar/360 psi	2,5 bar/36 psi	770.53034	
RH/F-P	NFE	Propane	2500 bar/360 psi	250 KPa/36 psi	770.53058	
RH/AS-P	AS	Propane	25 bar/360 psi	2,5 bar/36 psi	770.53060	
RH/E-Ar	DIN	Argon	200 bar/2900psi	10 bar/145 psi	770.53062	
RH/B-Ar	BSP	Argon	200 bar/2900psi	10 bar/145 ps	770.53064	
RH/U-Ar	CGA	Argon	200 bar/2900psi	10 bar/145 ps	770.53066	
RH/F-Ar	NFE	Argon	200 bar/2900psi	10 bar/145 ps	770.53068	
RH/AS-Ar	AS	Argon	20000 KPa/2900 psi	1000 KPa/145 psi	770.53070	
RH/E-C	DIN	Carbon	100 bar/2900 psi	10 bar/145 psi	770.53072	
RH/B-C	BSP	Carbon	100 bar/2900 psi	10 bar/145 ps	770.53074	
RH/U-C	CGA	Carbon	100 bar/2900 psi	10 bar/145 ps	770.53076	
RH/F-C	NFE	Carbon	100 bar/2900 psi	10 bar/145 ps	770.53078	
RH/AS-C	AS	Carbon	10000 KPa/2900 psi	1000 KPa/145 psi	770.53080	
RH/E-N	DIN	Nitrogen	200 bar/2900psi	10 bar/145 psi	770.53082	
RH/B-N	BSP	Nitrogen	200 bar/2900psi	10 bar/145 ps	770.53084	
RH/U-N	CGA	Nitrogen	200 bar/2900psi	10 bar/145 ps	770.53086	
RH/F-N	NFE	Nitrogen	200 bar/2900psi	10 bar/145 ps	770.53088	
RH/AS-N	AS	Nitrogen	20000 KPa/2900 psi	1000 KPa/145 psi	770.53090	

Stand: 08/2013