



industrial valves
SERIE 7

COMPANY PROFILE

I

AMMtech nasce nel 2007 grazie all'intuizione dei soci fondatori che, avvalendosi di importanti esperienze e know-how acquisite in imprese del settore, riescono a costituire una realtà dinamica e intraprendente, rispondente alle crescenti richieste di valvole ad elevate prestazioni (Damper Valve), nell'ambito di impianti per Ecologia ed Energia da fonti alternative.

Le soluzioni di ultima generazione che **AMMtech** propone sono il risultato di progetti mirati e diversificati che si concretizzano attraverso continue ricerche di soluzioni innovative e una progettazione ed esecuzione personalizzata di altissima qualità.

AMMtech realizza Damper all'interno dei propri stabilimenti utilizzando materiali certificati, procedure di fabbricazione vincolanti nel totale rispetto delle Norme e Direttive Applicabili.

La costante crescita dell'azienda si concretizza in un incremento di fatturato nel triennio 2008-2010. La competenza tecnica, le doti progettuali, la qualità delle lavorazioni hanno facilitato la crescita sul mercato di **AMMtech**, facendola diventare in pochi anni azienda leader nel settore.

La mission aziendale intende tradurre i risultati ottenuti in ulteriori opportunità di sviluppo ed investimento in campo internazionale operando in sinergia con i propri clienti nell'ottica di un miglioramento continuo che è l'elemento legante di tutta la politica aziendale.

EN

AMMtech was founded in 2007 following a partnership of its three experienced managers who having acquired a long term know-how in the valve industry rapidly set the company as leading manufacturer of Damper valves for high temperature applications.

Its innovative solutions are the outcome of continuous market research and engineering solutions aiming at meeting the demanding requirements of the process industry.

Our Damper valves are manufactured in-house adhering to strictly ongoing directives, tested procedures and quality control. Our company's technical and engineering personnel offer a complete and dedicated service developing valves for specific applications.

AMMtech dramatic growth and increase in turnover over the last three years of trading has led to a 30% investment in human resources. Despite its youth our company has already expanded its premises by adding a second production facility. The prime objective of this acquisition is to focus on opportunities for cost reduction and performance improvement. **AMMtech** has also extended its production capacity with the purchase of a new piece of equipment, a Flow waterjet cutting machine. This is a further step to boost competitiveness allowing more flexibility and customer service throughout the service cycle.

Our company mission is that of becoming your first-choice partner in valve technology providing a reliable tailor-made solution to fit your industrial process requirements.

DE

AMMtech wurde im Jahr 2007 gegründet. Dank der Ausnutzung der vorherigen Erfahrungen und Know-how der Gründungsmitglieder, das Unternehmen wird auf den Markt gebracht und es identifiziert sehr schnell als Rauch und Hochtemperatur-Luft Klappen Marktführer (Damper Valve).

Die neuesten Lösungen, die **AMMtech** aufwirft, sind das Ergebnis von gezielten und unterschiedlichen Projekten, die sich durch dauernde Marktforschungen verwirklichen, und von einer persönlichen und hochqualitativen Planung und Verwirklichung.

Unser Unternehmen baut Klappen innen seiner Werke mit der Benutzung von Bescheinigung Materialien und verbindlichen Herstellungsprozesse und mit der Beachtung der Normen und anwendbaren Vorgaben.

Das **AMMtech** ständige Wachstum verwirklicht sich in den folgenden Felder:

Umsatzsteigerung in drei Jahre Zeit 2008-2010, 30% Belegschaftserweiterung, Eröffnung eines neuen Produktionswerk im Jahr 2010 und Einkauf einer Waterjet Maschine, um große Tiefen Präzisionsschnitte auszuführen.

Die Betriebsmission will die gehaltenen Ergebnisse in neuen internationalen Entwicklungs- und Investitionsgelegenheiten verändern. Man kann das erreichen, wenn das Betrieb gut zusammen mit dem Kunde arbeitet und der Kundentreue langfristig hält, dank seiner technischen Kompetenzen und Proportionalität.

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CAMPI DI APPLICAZIONE

- Cogenerazione ed impianti di incenerimento
- Siderurgia e Cementifici
- Trattamento aria
- Impianti di combustione a biomassa
- Centrali Termiche
- Industria Cartaria
- Chimico e Petrochimico
- Altoforni
- Cantieristica Navale

MAIN AREAS OF APPLICATION

- Cogeneration and Incineration plants
- Steel and Cement industry
- Air treatment
- Thermal combustion plants
- Power Plants
- Pulp and Paper
- Chemical and Petrochemical plants
- Furnaces
- Marine Industry

ANWENDUNGSBEREICHE

- Heizkraftwerke und Verbrennungsanlagen
- Stahl- und Zementwerke
- Luftaufbereitung
- Thermische Verbrennungsanlagen
- Kraftwerke
- Papierindustrie
- Chemische und Petrochemische Anlage
- Schmelzöfen
- Schiff-Fahrt Industrie



Typical Cv Values - Valve Sizing Co-efficient	DN		Disc Position (degrees)								
	mm	inch	90°	80°	70°	60°	50°	40°	30°	20°	10°
	50	2"	148	110	85	62	45	28	16	7	0,8
65	2 1/2"	285	226	165	102	65	41	24	12	1,25	
80	3"	470	366	270	158	92	58	35	15	1,8	
100	4"	838	690	510	290	177	118	66	29	3,2	
125	5"	1390	1178	780	441	282	171	102	41	5,5	
150	6"	1860	1543	1020	591	371	230	121	54	6,2	
200	8"	3340	2870	1857	1020	690	428	255	110	12	
250	10"	5320	4610	2910	1685	1070	621	340	143	21	
300	12"	8220	6832	4450	2610	1689	1092	613	241	31	
350	14"	10610	8870	6015	3427	2110	1292	770	294	36	
400	16"	14120	11690	7930	4442	2750	1781	992	412	42	
450	18"	17330	14520	10238	5980	3540	2120	1334	530	60	
500	20"	22690	18320	12892	7367	4720	2820	1610	620	75	
600	24"	33106	27540	17812	10750	6510	4222	2498	954	181	
700	28"	45765	38129	24384	14326	9082	5817	3418	1293	308	
800	32"	59673	51090	32019	19867	13245	7280	4298	1872	387	
900	36"	76120	66190	41120	24459	16232	9121	5379	2312	490	
1000	40"	103415	86434	53255	31919	20711	12819	6922	2830	672	
1100	44"	119786	95647	60734	36276	23190	15228	8210	3476	734	
1200	48"	133990	106205	71440	42987	27102	18328	10211	3898	843	
1300	52"	150876	122650	82187	48290	29976	19106	11034	4754	961	
1400	56"	173321	142386	90453	54770	32218	20325	12107	5906	1034	

Body styles	WELD ENDS	WAFER	WAFER-FLANGED	DOUBLE-FLANGED
Standard Leakage Class	<p>CLASS I Leakage defined by exact customer specification.</p>	<p>CLASS II-III (Metal to Metal) Leakage < 0.5% Kvs or < 0.1% Kvs Class II or III depends on tolerances and machining quality</p>	<p>CLASS III (Soft Sealing) Leakage < 0.1% Kvs Special profiled band mounted on seat ledges</p>	<p>CLASS VI No Leakage. A special sealing directly mounted on disc.</p>

	MAX Temp. °C	AMM700		AMM730			AMM780					
		0	100	200	300	400	500	600	700	800	900	1000
Valvola Valve	AISI 310	[Red]										
	AISI 321	[Red]										
	AISI 316	[Red]										
	AISI 304	[Red]										
	S355JOWP (COR-TEN A)	[Red]										
	Acciaio al Carbonio S275JR / Carbon Steel S275JR	[Red]										
Tenute Seats	Fibra Ceramica / Ceramic Fiber	[Blue]										
	Carbonio / Carbon	[Blue]										
	Grafite / Graphite	[Blue]										
	PTFE	[Blue]										
	Silicone	[Blue]										
	FPM (Viton)	[Blue]										
	EPDM	[Blue]										
Pacchi Treccia Braid Packing	Fibra Ceramica / Ceramic Fiber	[Green]										
	Carbonio / Carbon	[Green]										
	Grafite / Graphite	[Green]										
	PTFE	[Green]										

AMM 700

Specifiche Tecniche

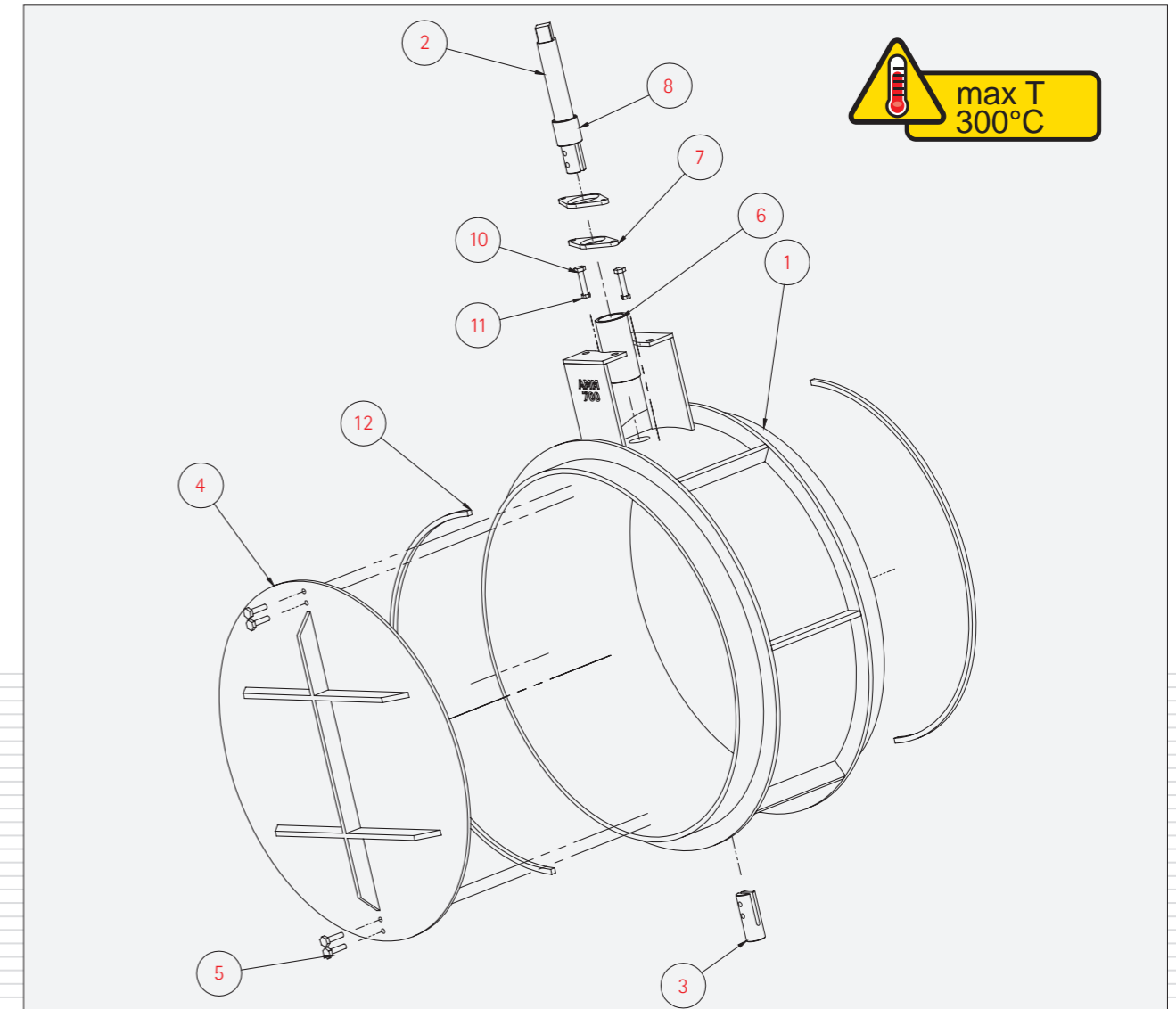
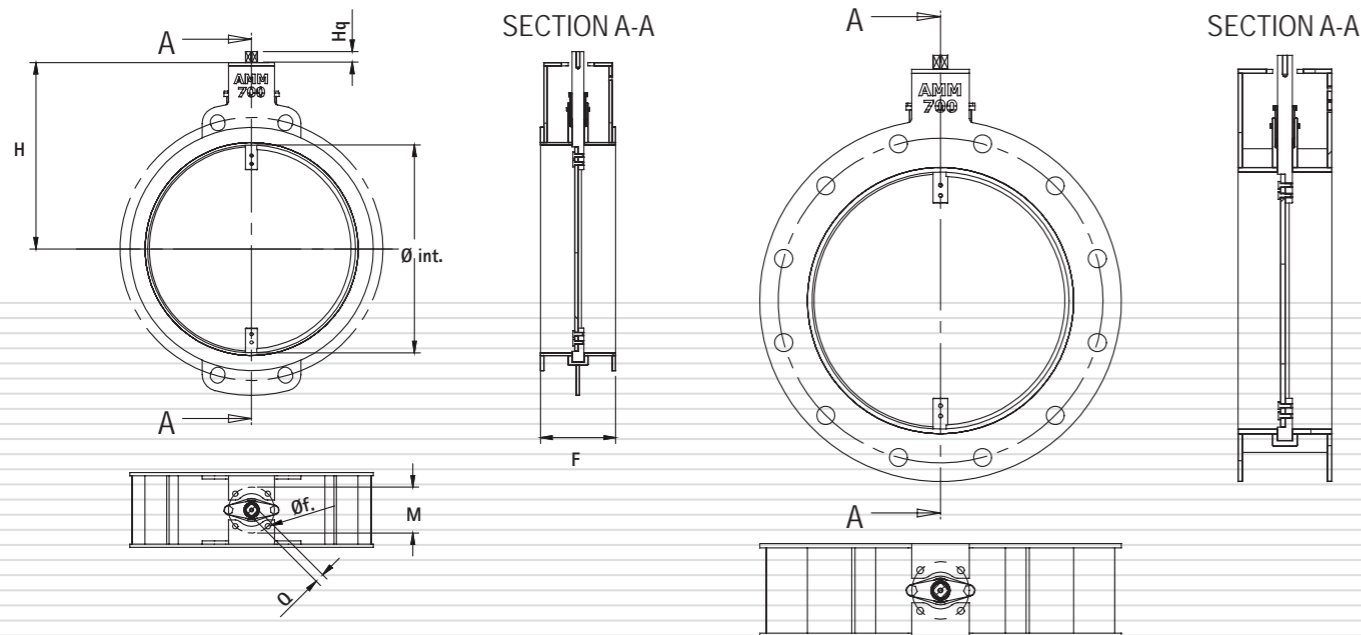
Valvola a Farfalla a Perdita Controllata
Tenuta Metallo su Metallo
Tenuta sull'albero con Pacchi Baderna in PTFE
o Grafite
Massima Temperatura d'Esercizio 300°C
Massima Pressione d'Esercizio 3 bar
Versione WAFER o FLANGIATA
Flangiature secondo PN6, PN10, PN16, ANSI150
Massima Classe di Tenuta: III

Technical Specification

Controlled Leakage Butterfly Valve
Metal to Metal Seat
Shaft Sealing with PTFE or Graphite Braid
Packing
Max Working Temperature 300°C
Max Working Pressure 3 bar
WAFER or FLANGED Version
Flanges According to PN6, PN10, PN16,
ANSI150
Max Leakage Class: III

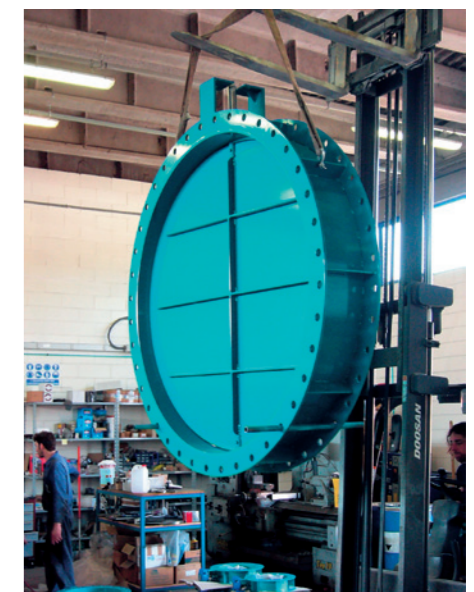
Technische Eigenschaften

Absperrklappe mit gesteuertem Leck.
Metall auf Metall Dichtung
Wellendichtung garantiert durch Packungen
in PTFE oder Graphit-Geflechtichtung.
Max. Betriebstemperatur 300°C
Max. Betriebsdruck 3 bar
Zwischenflansch- oder Flanschenausführung
Flansche gemäß PN6, PN10, PN16, ANSI150
Max Leakage-Klasse: III



DN		Ø int.		H		F	M	Øf.	Q	Hq	Weight kg	
mm	inch	Carbon Steel	Stainless Steel	Carbon Steel	Stainless Steel	EN558	ISO5211				Carbon Steel	Stainless Steel
50	2"	61,5	54	138	134	64	50 (F05)	6,5	11x11	16	2,2	1,7
65	2 1/2"	76	70	145	142	64	50 (F05)	6,5	11x11	16	2,6	2,0
80	3"	93	81	153	146	64	50 (F05)	6,5	11x11	16	3,1	2,3
100	4"	116	108	166	161	64	50 (F05)	6,5	11x11	16	3,7	2,6
125	5"	141	130	202	173	70	50 (F05)	6,5	11x11	16	4,5	3,5
150	6"	170	162	219	213	70	50 (F05)	6,5	11x11	16	5,7	3,9
200	8"	220	212,5	242	240	89	50 (F05)	6,5	11x11	16	8,8	6,5
250	10"	275	261	264	258	114	70 (F07)	6,5	14x14	16	13,6	9,4
300	12"	328	316	289	284	114	70 (F07)	8,5	14x14	16	15,9	11,5
350	14"	355	355	339	339	127	70 (F07)	8,5	17x17	20	22,9	19,6
400	16"	410	400	367	360	140	70 (F07)	8,5	17x17	20	28,0	24,5
450	18"	464	450	392	385	152	102 (F10)	11	22x22	25	34,6	28,5
500	20"	512	500	416	412	152	102 (F10)	11	22x22	25	38,5	38,0
600	24"	615	600	466	460	154	102 (F10)	11	22x22	25	42,4	45,0
700	28"	710	710	564	564	165	125 (F12)	14	27x27	30	100,0	70,0
800	32"	810	810	617	617	190	125 (F12)	14	27x27	30	116,0	80,0
900	36"	900	900	670	670	203	140 (F14)	17	36X36	45	155,0	155,0
1000	40"	1000	1000	720	720	216	140 (F14)	17	36X36	45	196,0	196,0
1100	44"	1100	1100	770	770	216	140 (F14)	17	36X36	45	233,0	233,0
1200	48"	1200	1200	820	820	254	140 (F14)	17	36X36	45	315,0	315,0
1300	52"	1300	1300	870	870	254	140 (F14)	17	36X36	45	341,0	341,0
1400	56"	1400	1400	920	920	279	140 (F14)	17	36X36	45	403,0	403,0
1500	60"	1500	1500	970	970	279	140 (F14)	17	36X36	45	432,0	432,0

POS.	DESCRIZIONE - DESCRIPTION - BESCHREIBUNG	N°
1	CORPO - BODY - GEHAEUSE	1
2	ALBERO SUPERIORE - UPPER SHAFT - OBERWELLE	1
3	ALBERO INFERIORE - LOWER SHAFT - UNTENWELLE	1
4	LENTE - DISC - SCHEIBE	1
5	VITE - SCREW - SCHRAUBE	4
6	SUPPORTO - SUPPORT - UNTERSTUETZUNG	1
7	STAFFA - BRACKET - KONSOLE	2
8	PREMITRECCIA - PUSH PACKING - DRUECKFLECHTE	1
9	TRECCIA - PACKING - FLECHTE	1
10	VITE - SCREW - SCHRAUBE	2
11	DADO - NUT - SCHRAUBNMUTTER	2
12	TENUTA METALLICA - METAL SEAT - METALL SITZ	2



AMM 710

Specifiche Tecniche

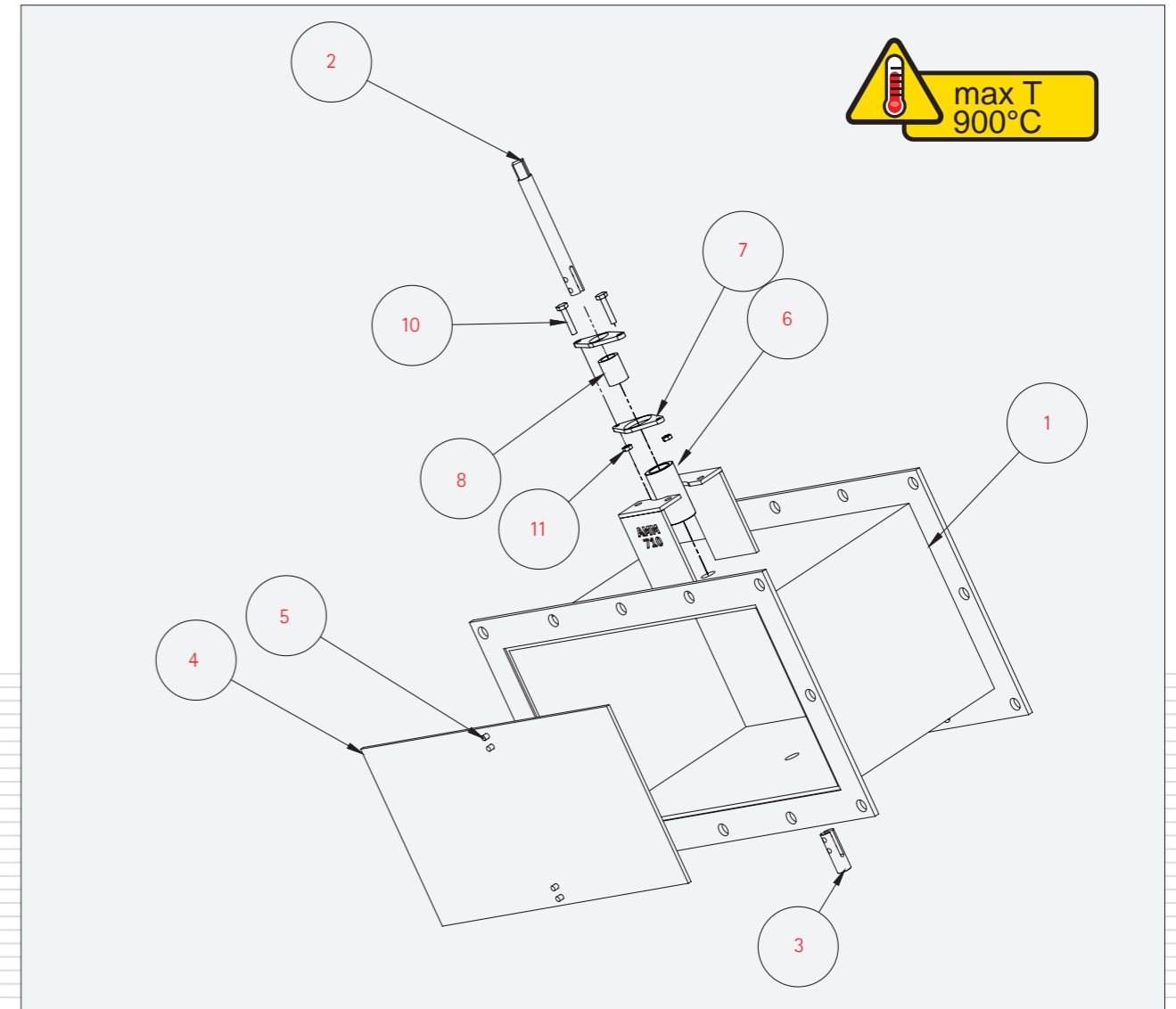
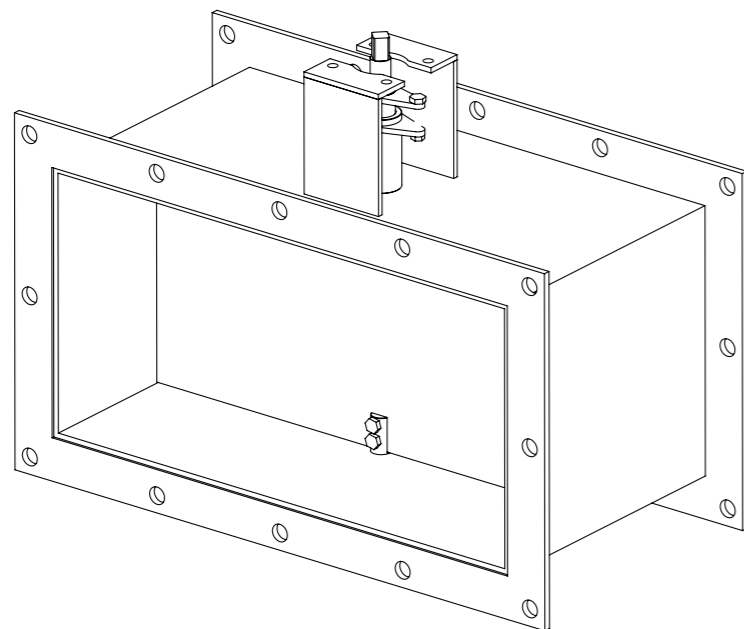
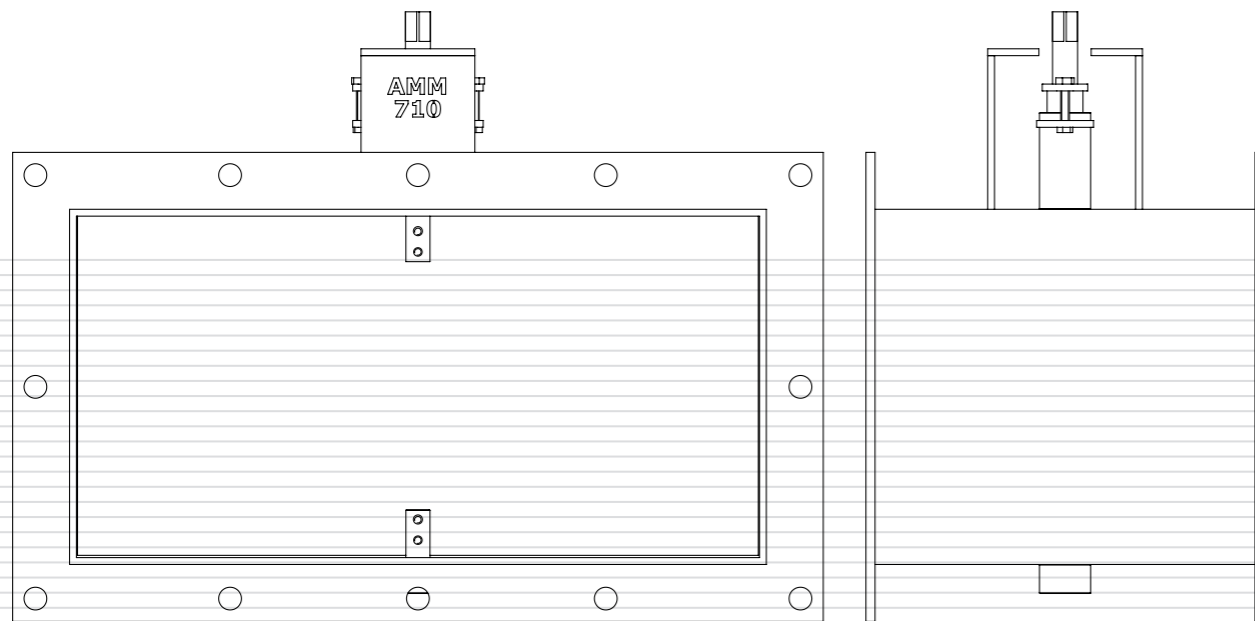
Valvola a Serranda Monopala a Perdita Controllata
Tenuta Metallo su Metallo
Tenuta sull'Albero con Pacchi Baderna in base alla temperatura
Massima Temperatura d'Esercizio 900°C
Massima Pressione d'Esercizio 3 bar
Versione FLANGIATA
Flangiatura secondo disegno del cliente
Massima Classe di Tenuta: III
Costruzioni personalizzate in base alla temperatura

Technical Specification

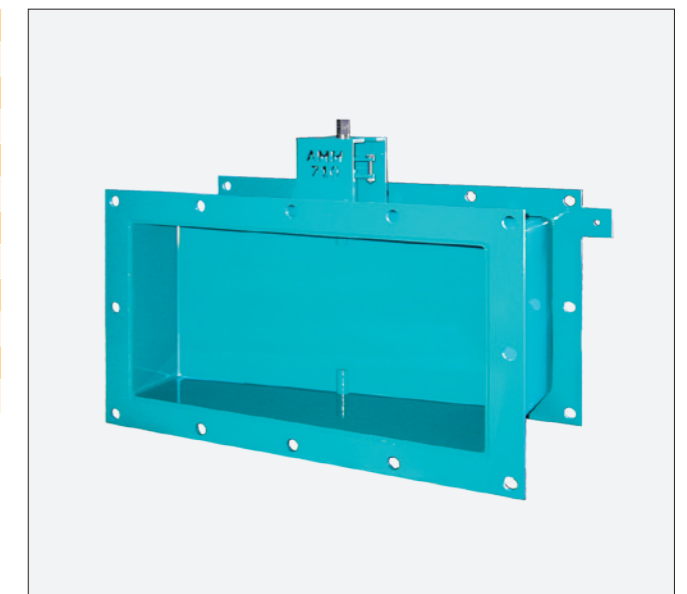
Controlled Leakage Single-blade Damper Valve
Metal to Metal Seat
Shaft Sealing with Braid Packing according to temperature
Max Working Temperature 900°C
Max Working Pressure 3 bar
FLANGED Version
Flanges According to Customers Requirements
Max Leakage Class: III
Customised construction according to temperature

Technische Eigenschaften

Flansch- und Einzelklappen mit gesteuertem Leck.
Metall auf Metall Dichtung
Wellendichtung garantiert durch Packungen in Geflechtichtung auf der Basis von der Temperatur
Max. Betriebstemperatur 900°C
Max. Betriebsdruck 3 bar
Flanschenausführung
Personalisierte Flansche
Max Leakage Class: III
Personalisierte Produkte auf der Basis von der Temperatur



POS.	DESCRIZIONE - DESCRIPTION - BESCHREIBUNG	N°
1	CORPO - BODY - GEHAEUSE	1
2	ALBERO SUPERIORE - UPPER SHAFT - OBERWELLE	1
3	ALBERO INFERIORE - LOWER SHAFT - UNTENWELLE	1
4	LENTE - DISC - SCHEIBE	1
5	VITE - SCREW - SCHRAUBE	4
6	SUPPORTO - SUPPORT - UNTERSTUETZUNG	1
7	STAFFA - BRACKET - KONSOLE	2
8	PREMITRECCIA - PUSH PACKING - DRUECKFLECHTE	1
9	TRECCIA - PACKING - FLECHTE	1
10	VITE - SCREW - SCHRAUBE	2
11	DADO - NUT - SCHRAUBNMUTTER	2



AMM 720

Specifiche Tecniche

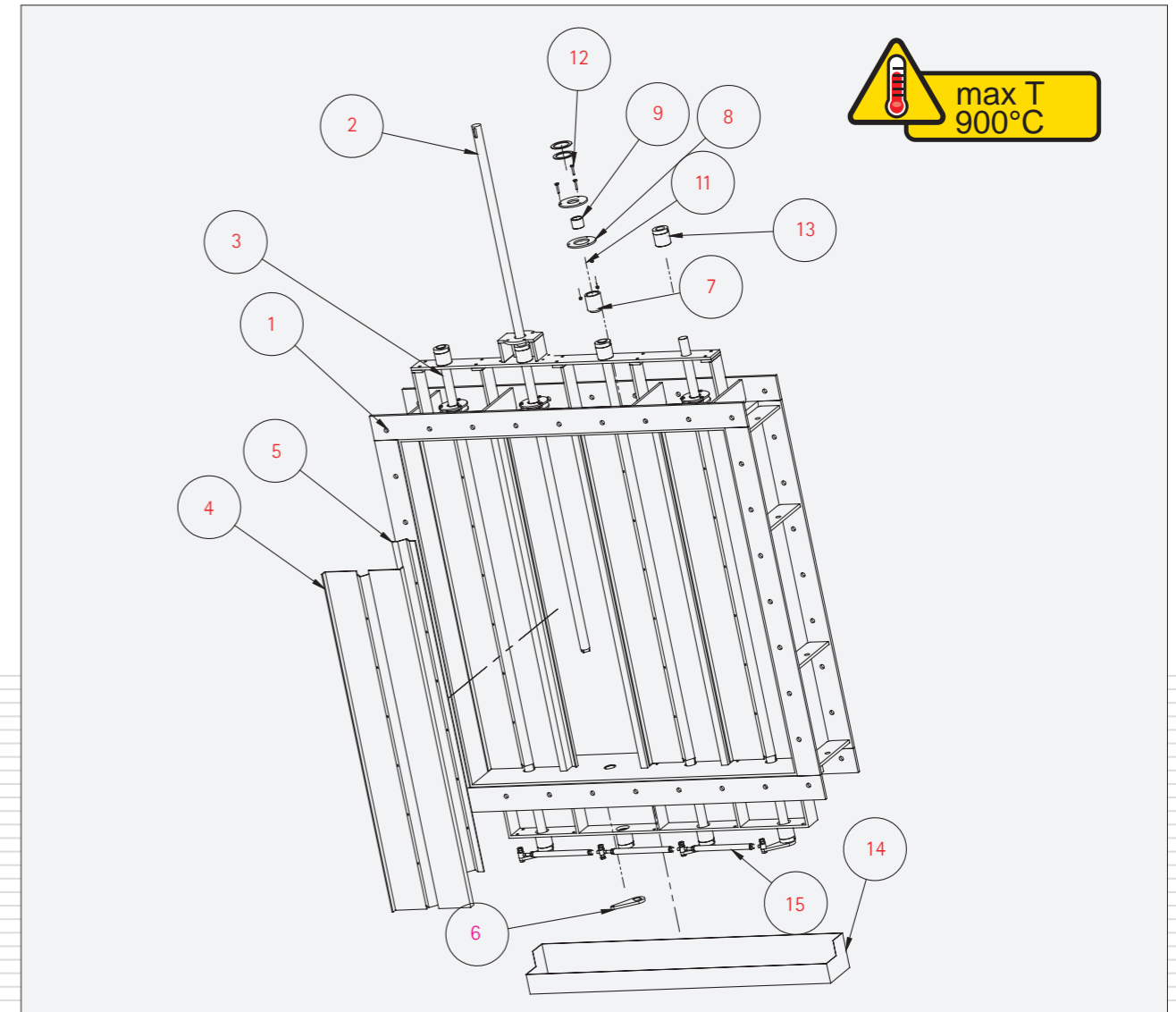
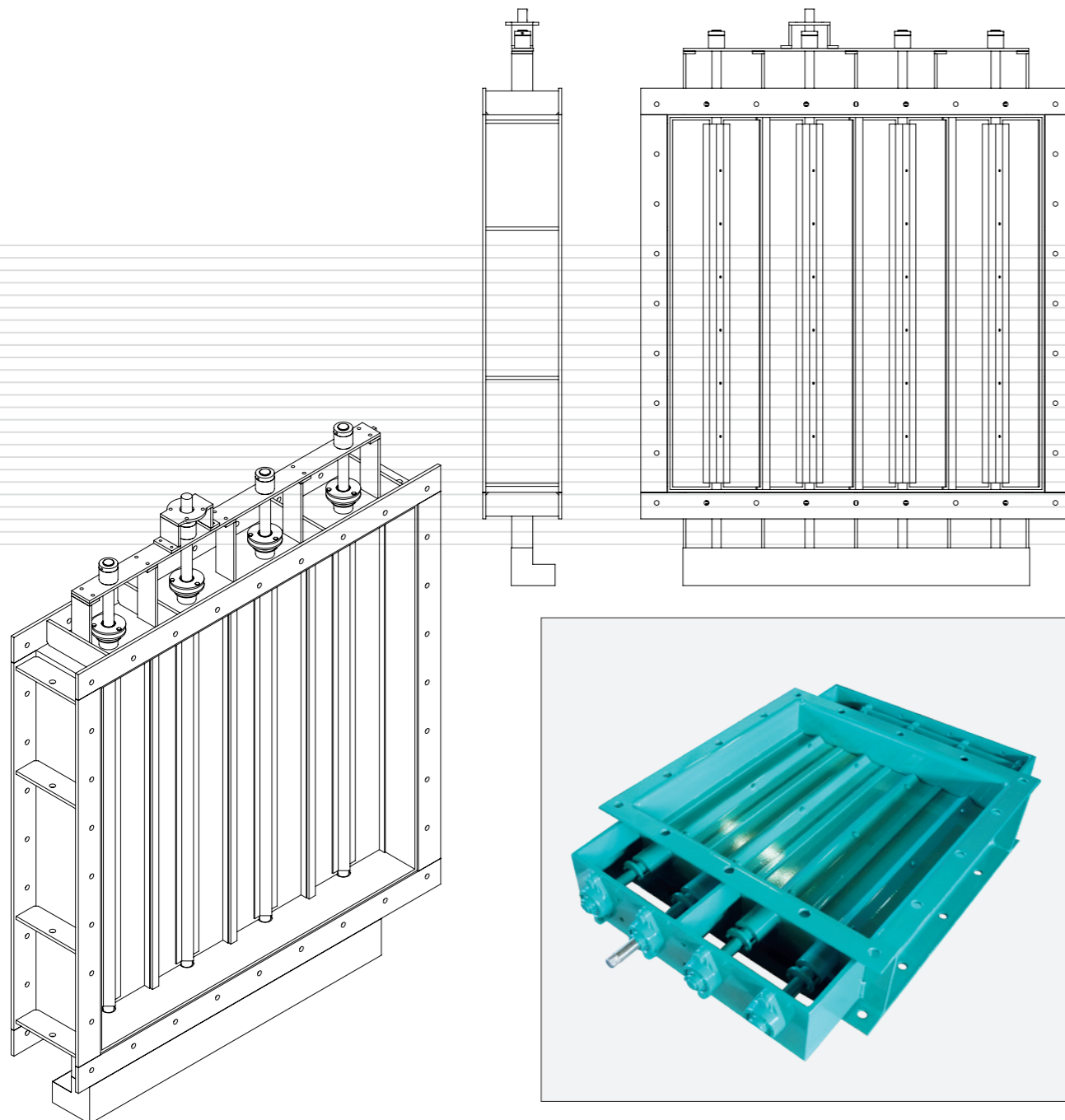
Valvola a Serranda Multipala a Perdita Controllata
 Tenuta Metallo su Metallo
 Tenuta sull'Albero con Pacchi Baderna in base alla temperatura
 Massima Temperatura d'Esercizio 900°C
 Massima Pressione d'Esercizio 3 bar
 Versione FLANGIATA / FLANGED Version
 Flangiatura secondo disegno del cliente
 Massima Classe di Tenuta: III
 Costruzioni personalizzate in base alla temperatura

Technical Specification

Controlled Leakage Multi-blade Damper Valve
 Metal to Metal Seat
 Shaft Sealing with Braid Packing according to temperature
 Max Working Temperature 900°C
 Max Working Pressure 3 bar
 FLANGED Version
 Flanges According to Customers Requirements
 Max Leakage Class : III
 Customised construction according to temperature

Technische Eigenschaften

Flansch- und Mehrklappen mit gesteuertem Leck.
 Metall auf Metall Dichtung
 Wellendichtung garantiert durch Packungen in Geflechtichtung auf der Basis von der Temperatur
 Max. Betriebstemperatur 900°C
 Max. Betriebsdruck 3 bar
 Flanschausführung/ FLANGED Version
 Personalisierte Flansche
 Max Leckage-Klasse: III
 Personalisierte Produkte auf der Basis von der Temperatur



POS.	DESCRIZIONE - DESCRIPTION - BESCHREIBUNG	N°
1	CORPO - BODY - GEHAEUSE	1
2	ALBERO PRINCIPALE - UPPER SHAFT - OBERWELLE	1
3	ALBERO SECONDARIO - LOWER SHAFT - UNTENWELLE	*
4	LENTE - DISC - SCHEIBE	*
5	LENTE DI PROTEZIONE - PROTECTION PLATE - SCHUTZGLASS	*
6	LEVA - LEVER - HEBEL	*
7	SUPPORTO - SUPPORT - UNTERSTUETZUNG	*
8	STAFFA - BRACKET - KONSOLE	*
9	PREMITRECCIA - PUSH PACKING - DRUECKFLECHTE	*
10	TRECCIA - PACKING - FLECHTE	*
11	DADO - NUT - SCHRAUBNMUTTER	*
12	VITE - SCREW - SCHRAUBE	*
13	CUSCINETTO - BEARING - LAGER	*
14	CARTER - CARTER - CARTER	1
15	ASTA DI SINCRONIZZAZIONE - TIE BAR - NEIGUNGSSTAB	*



AMM 730

Specifiche Tecniche

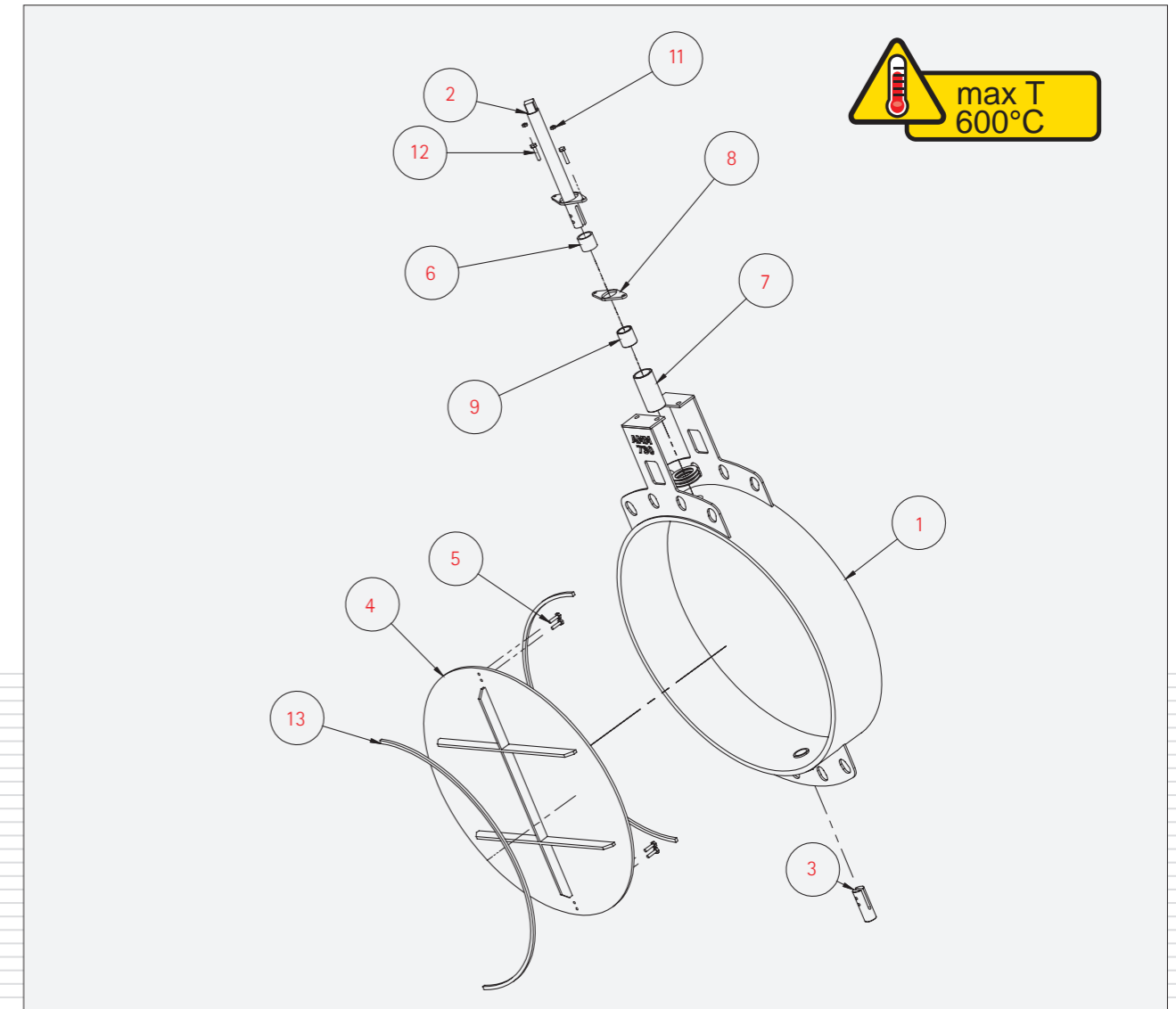
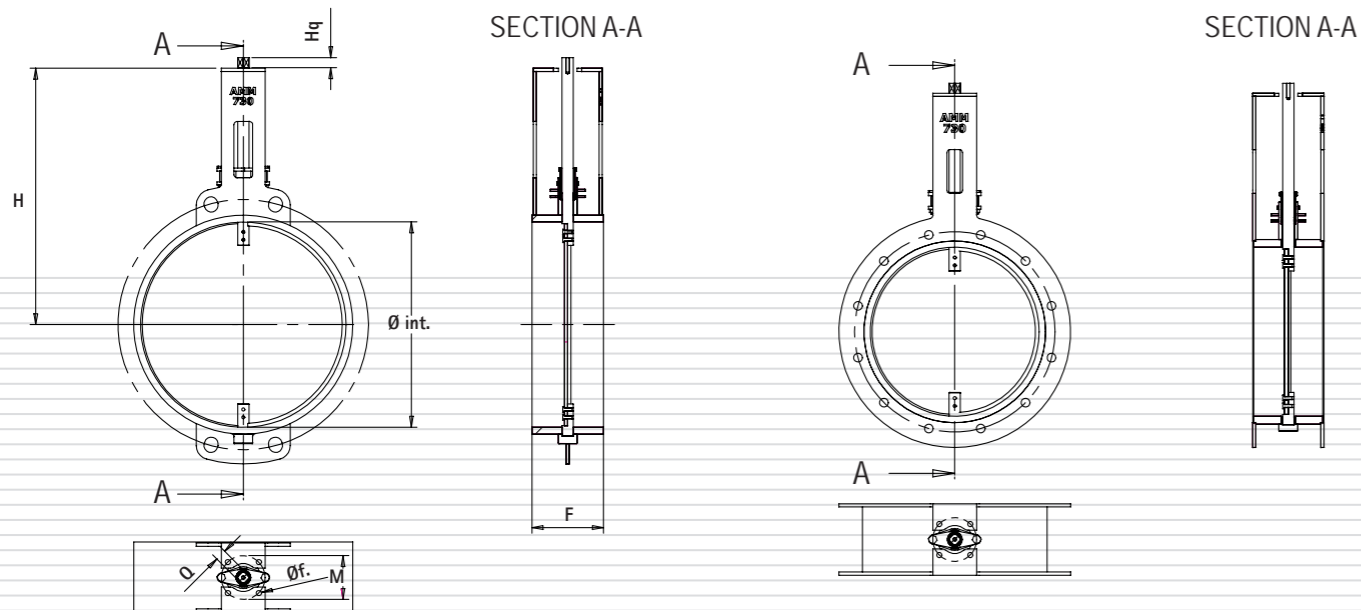
Valvola a Perdita Controllata
Tenuta Metallo su Metallo
Tenuta sull'Albero con Pacchi Baderna in Grafite
Massima Temperatura d'Esercizio 600°C
Massima Pressione d'Esercizio 3 bar
Alette di Raffreddamento sul Supporto Albero
Versione WAFER o FLANGIATA
Flangiature secondo PN6, PN10, PN16, ANSI150
Massima Classe di Tenuta: III

Technical Specification

Controlled Leakage Valve
Metal to Metal Seat
Shaft Sealing with Graphite Braid Packing
Max Working Temperature 600°C
Max Working Pressure 3 bar
Shaft Support with Cooling Fins
WAFER or FLANGED Version
Flanges According to PN6, PN10, PN16, ANSI150
Max Leakage Class : III

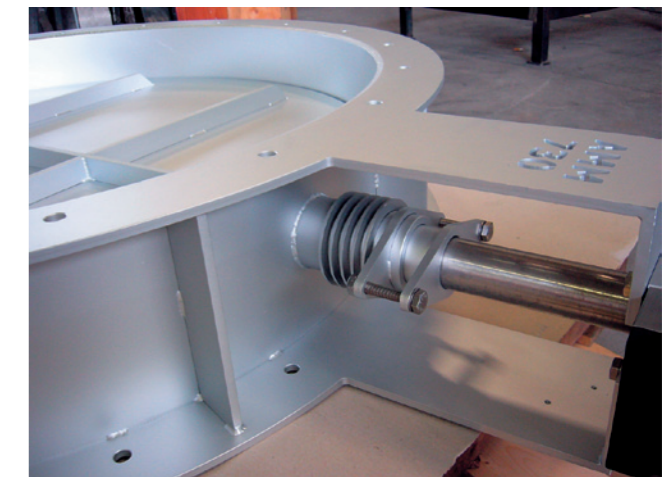
Technische Eigenschaften

Klappe mit gesteuertem Leck
Metall auf Metall Dichtung
Wellendichtung garantiert durch Packungen in Graphit-Geflechtdichtung.
Max. Betriebstemperatur 600°C
Max. Betriebsdruck 3 bar
Abgekühlte Flügel auf der Wellendichtung
Zwischenflansch- oder Flanschenausführung
Flansche gemäß PN6, PN10, PN16, ANSI150
Max Leckage-Klasse: III



DN		Ø int.		H		F	M	Øf.	Q	Hq	Weight kg	
mm	inch	Carbon Steel	Stainless Steel	Carbon Steel	Stainless Steel	EN558	ISO5211				Carbon Steel	Stainless Steel
50	2"	61,5	54	159	208	64	50 (F05)	6,5	11x11	16	2,5	2,2
65	2" 1/2	76	70	171	217	64	50 (F05)	6,5	11x11	16	2,8	2,3
80	3"	93	81	228	221	64	50 (F05)	6,5	11x11	16	3,8	2,9
100	4"	116	108	240	236	64	50 (F05)	6,5	11x11	16	4,1	3,1
125	5"	141	130	252	248	70	50 (F05)	6,5	11x11	16	4,7	3,9
150	6"	170	162	268	262	70	50 (F05)	6,5	11x11	16	6,0	4,3
200	8"	220	212,5	29	289	89	50 (F05)	6,5	11x11	16	9,1	7,0
250	10"	275	261	384	379	114	70 (F07)	6,5	14x14	16	13,8	10,2
300	12"	328	316	411	405	114	70 (F07)	8,5	14x14	16	16,5	12,2
350	14"	355	355	424	425	127	70 (F07)	8,5	17x17	20	24,0	19,4
400	16"	410	400	452	447	140	70 (F07)	8,5	17x17	20	28,8	25,2
450	18"	464	450	479	472	152	102 (F10)	11	22x22	25	35,7	30,7
500	20"	512	500	503	497	152	102 (F10)	11	22x22	25	42,0	34,1
600	24"	615	600	555	546	154	102 (F10)	11	22x22	25	45,0	44,1
700	28"	710	710	661	665	165	125 (F12)	14	27x27	30	105,0	75,0
800	32"	810	810	711	718	190	125 (F12)	14	27x27	30	120,0	85,0
900	36"	900	900	670	670	203	140 (F14)	17	36X36	45	155,0	155,0
1000	40"	1000	1000	720	720	216	140 (F14)	17	36X36	45	196,0	196,0
1100	44"	1100	1100	770	770	216	140 (F14)	17	36X36	45	233,0	233,0
1200	48"	1200	1200	820	820	254	140 (F14)	17	36X36	45	315,0	315,0
1300	52"	1300	1300	870	870	254	140 (F14)	17	36X36	45	341,0	341,0
1400	56"	1400	1400	920	920	279	140 (F14)	17	36X36	45	403,0	403,0
1500	60"	1500	1500	970	970	279	140 (F14)	17	36X36	45	432,0	432,0

POS.	DESCRIZIONE - DESCRIPTION - BESCHREIBUNG	N°
1	CORPO - BODY - GEHAEUSE	1
2	ALBERO PRINCIPALE - UPPER SHAFT - OBERWELLE	1
3	ALBERO SECONDARIO - LOWER SHAFT - UNTENWELLE	*
4	LENTE - DISC - SCHEIBE	*
5	VITE - SCREW - SCHRAUBE	*
6	BOCCOLA - BUSH - BUCHSE	*
7	SUPPORTO - SUPPORT - UNTERSTUETZUNG	*
8	STAFFA - BRACKET - KONSOLE	*
9	PREMITRECCIA - PUSH PACKING - DRUECKFLECHTE	*
10	TRECCIA - PACKING - FLECHTE	*
11	DADO - NUT - SCHRAUBNMUTTER	*
12	VITE - SCREW - SCHRAUBE	*
13	TENUTA METALLICA - METAL SEAT - METALL SITZ	*



AMM 780

Specifiche Tecniche

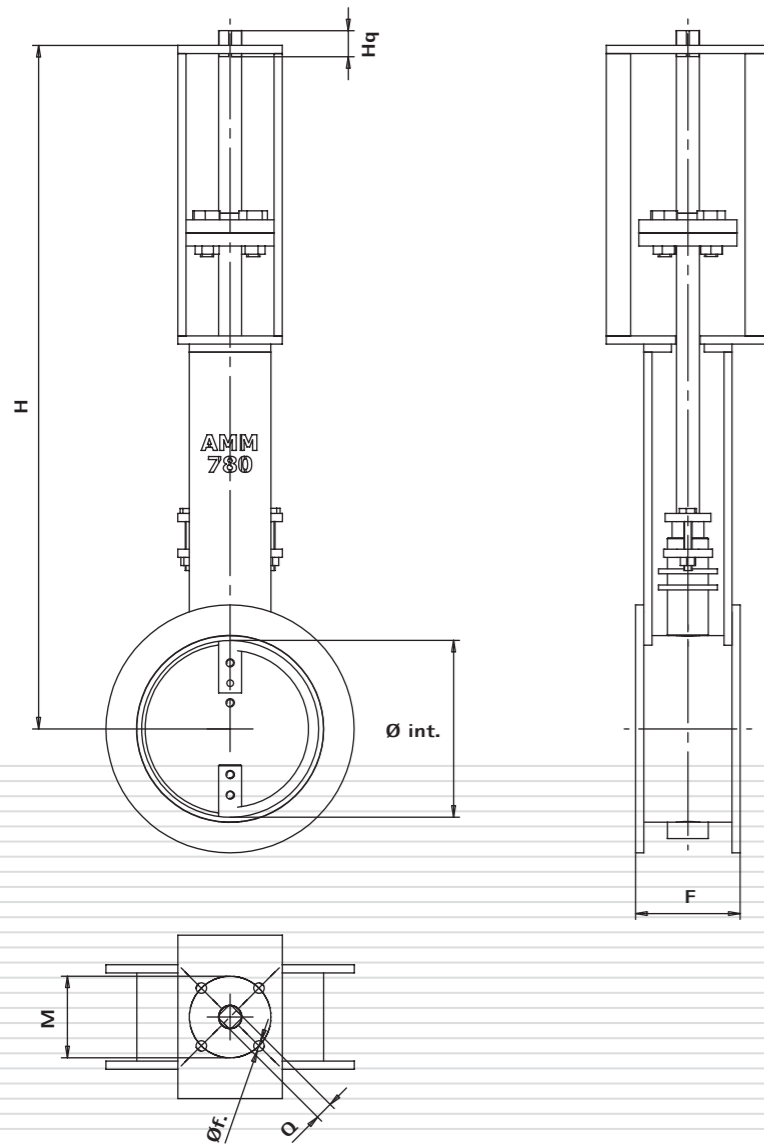
Valvola a Perdita Controllata
Tenuta Metallo su Metallo
Tenuta sull'Albero con Pacchi Baderna in PTFE o Grafite
Massima Temperatura d'Esercizio 1000°C
Massima Pressione d'Esercizio 3 bar
Versione WAFER o FLANGIATA
Flangiature secondo PN6, PN10, PN16, ANSI150
Massima Classe di Tenuta: III
Possibilità di Rivestimento con Materiali Isolanti o Refrattari
Costruzioni personalizzate in base alla temperatura

Technical Specification

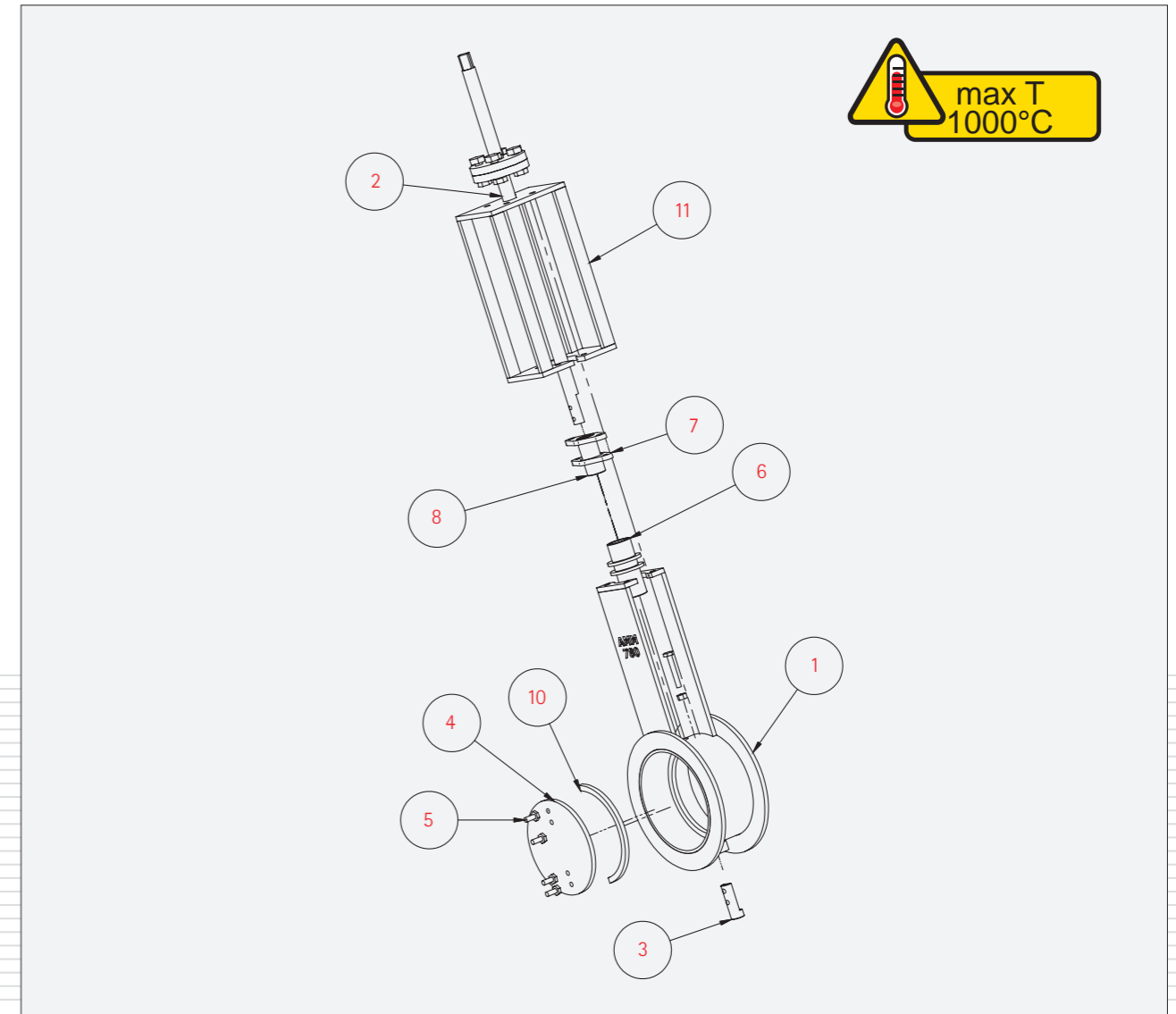
Controlled Leakage Valve
Metal to Metal Seat
Shaft Sealing with PTFE or Graphite Braid Packing
Max Working Temperature 1000°C
Max Working Pressure 3 bar
WAFER or FLANGED Version
Flanges According to PN6, PN10, PN16, ANSI150
Max Leakage Class : III
Coating available in isolating or refractory material
Customised construction according to temperature

Technische Eigenschaften

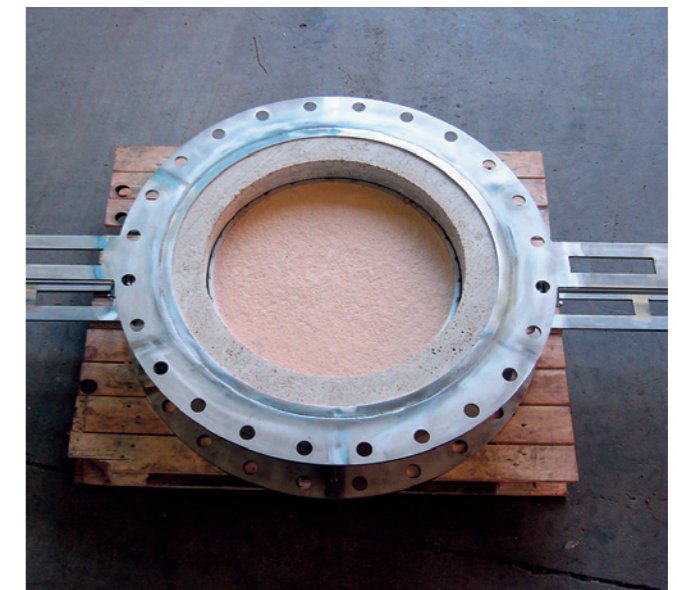
Klappe mit gesteuertem Leck.
Metall auf Metall Dichtung
Wellendichtung garantiert durch Packungen in PTFE oder Graphit-Geflechtichtung.
Max. Betriebstemperatur 1000°C
Max. Betriebsdruck 3 bar
Zwischenflansch- oder Flanschenausführung
Flansche gemäß PN6, PN10, PN16, ANSI150
Max Leckage-Klasse: III
Möglichkeit zu benutzen feuerbeständige Abdeckungen und Isoliermaterial
Flanges According to PN6, PN10, PN16, ANSI150
Max Leakage Class: III
Personalisierte Produkte auf der Basis von der Temperatur



DN		Ø int.	H		F	M	Øf.	Q	Hq	Weight Kg
mm	inch	Stainless Steel	Stainless Steel			ISO5511				Stainless Steel
50	2"	54	Dipendente dall'applicazione Depending on Application	Dipendente dall'applicazione Depending on Application		50 (F05)	6,5	11x11	16	Dipendente dall'applicazione Depending on Application
65	2" 1/2	70				50 (F05)	6,5	11x11	16	
80	3"	81				50 (F05)	6,5	11x11	16	
100	4"	108				50 (F05)	6,5	11x11	16	
125	5"	130				50 (F05)	6,5	11x11	16	
150	6"	162				50 (F05)	6,5	11x11	16	
200	8"	212,5				50 (F05)	6,5	11x11	16	
250	10"	261				70 (F07)	6,5	14x14	16	
300	12"	316				70 (F07)	8,5	14x14	16	
350	14"	355				70 (F07)	8,5	17x17	20	
400	16"	400				70 (F07)	8,5	17x17	20	
450	18"	450				102 (F10)	11	22x22	25	
500	20"	500				102 (F10)	11	22x22	25	
600	24"	600				102 (F10)	11	22x22	25	
700	28"	710				125 (F12)	14	27x27	30	
800	32"	810	125 (F12)	14	27x27	30				
900	36"	900	140 (F14)	17	36X36	45				
1000	40"	1000	140 (F14)	17	36X36	45				
1100	44"	1100	140 (F14)	17	36X36	45				
1200	48"	1200	140 (F14)	17	36X36	45				
1300	52"	1300	140 (F14)	17	36X36	45				
1400	56"	1400	140 (F14)	17	36X36	45				
1500	60"	1500	140 (F14)	17	36X36	45				



POS.	DESCRIZIONE - DESCRIPTION - BESCHREIBUNG	N°
1	CORPO - BODY - GEHAEUSE	1
2	ALBERO PRINCIPALE - MAIN SHAFT - HAUPTWELLE	1
3	ALBERO SECONDARIO - SECONDARY SHAFT - UNTERSTÜTZUNGSWELLE	1
4	LENTE - DISC - SCHEIBE	1
5	VITE - SCREW - SCHRAUBE	4
6	SUPPORTO - SUPPORT - UNTERSTÜTZUNG	2
7	STAFFA - BRACKET - KONSOLE	1
8	PREMITRECCIA - PUSH PACKING - DRUECKFLECHTE	2
9	TRECCIA - PACKING - FLECHTE	
10	TENUTA METALLICA - METAL SEAT WITH PACKING - METALL ABDICHTUNGSSITZ	
11	BRACKET - BRACKET - KONSOLE	



AMM 755

Specifiche Tecniche

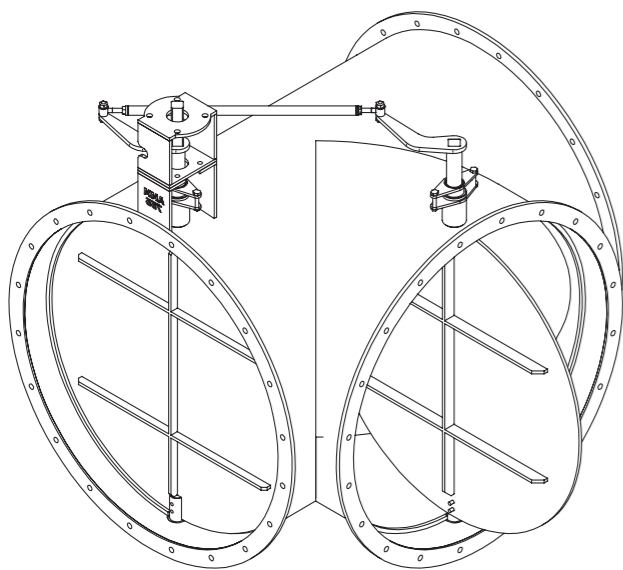
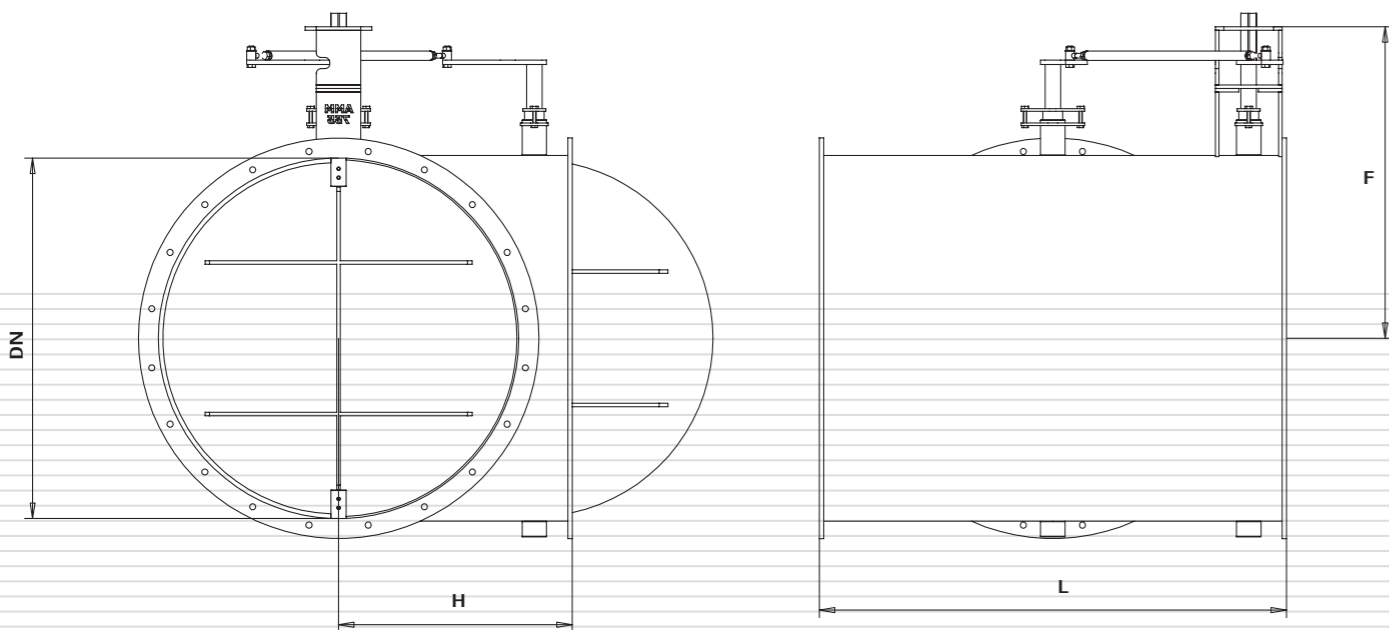
Valvola di By-pass
Tenuta Metallo su Metallo
Tenuta sull'Albero con Pacchi Baderna in Grafite
Massima Temperatura d'Esercizio 900°C
Massima Pressione d'Esercizio 3 bar
Versione FLANGIATA / FLANGED Version
Flangiature secondo PN6, PN10, PN16, ANSI150
Massima Classe di Tenuta: III
Costruzioni personalizzate in base alla temperatura

Technical Specification

By-pass Valve
Metal to Metal Seat
Shaft Sealing with Graphite Braid Packing
Max Working Temperature 900°C
Max Working Pressure 3 bar
FLANGED Version
Flanges According to PN6, PN10, PN16, ANSI150
Max Leakage Class : III
Customised construction according to temperature

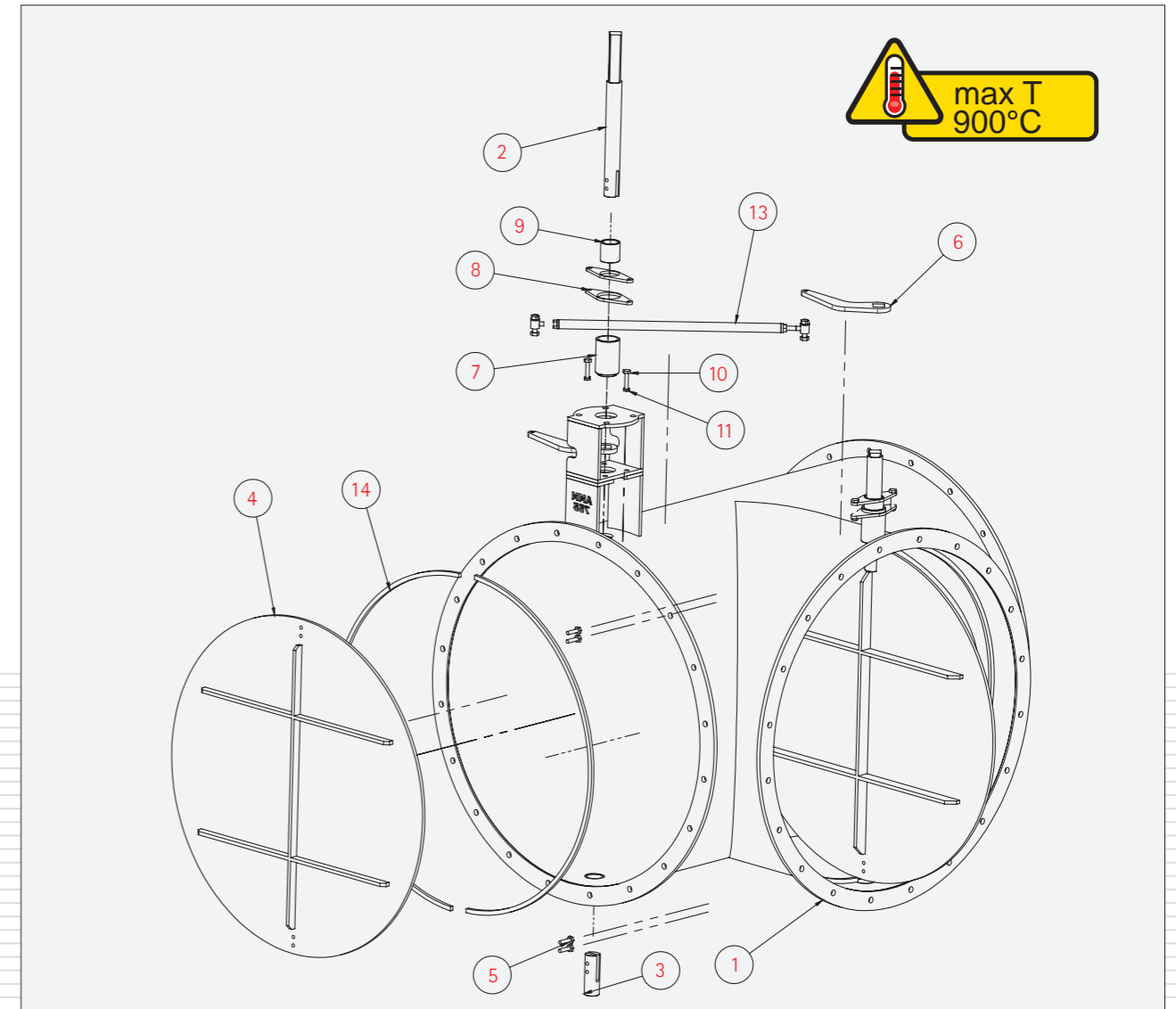
Technische Eigenschaften

By-pass Klappe
Metall auf Metall Dichtung
Wellendichtung garantiert durch Packungen in Graphit-Geflechtichtung.
Max. Betriebstemperatur 900°C
Max. Betriebsdruck 3 bar
Zwischenflansch- oder Flanschenausführung
Flansche gemäß PN6, PN10, PN16, ANSI150
Max Leckage-Klasse: III
Personalisierte Produkte auf der Basis von der Temperatur



DN		L	H	F
mm	inch			
200	8"	496	248	330
250	10"	612	306	340
300	12"	688	344	355
350	14"	738	369	400
400	16"	610	305	440
450	18"	686	343	465
500	20"	762	381	490
600	24"	864	432	550
700	28"	950	475	600
800	32"	1050	525	700
900	36"	1150	272	765
1000	40"	1250	625	830

Oltre DN 1000 a richiesta
For DN above 1000 please contact our sales dept.



POS.	DESCRIZIONE - DESCRIPTION - BESCHREIBUNG	N°
1	CORPO - BODY - GEHAEUSE	1
2	ALBERO PRINCIPALE - MAIN SHAFT - OBERWELLE	2
3	ALBERO SECONDARIO - SECONDARY SHAFT - UNTERSTÜTZUNGSWELLE	2
4	LENTE - DISC - SCHEIBE	2
5	VITE - SCREW - SCHRAUBE	8
6	LEVA - LEVER - HEBEL	2
7	SUPPORTO - SUPPORT - UNTERSTÜTZUNG	2
8	STAFFA - BRACKET - KONSOLE	2
9	PREMITRECCIA - PUSH PACKING - EXTERNAL DICHTUNG	2
10	TRECCIA - PACKING - DICHTUNG	2
11	DADO - NUT - MUTTER	4
12	VITE - SCREW - SCHRAUBE	4
13	ASTA DI SINCRONIZZAZIONE - TIE BAR - NEIGUNGSSTAB	*
14	TENUTA METALLICA - METAL SEAT - METALL SITZ	



AMM 741

Specifiche Tecniche

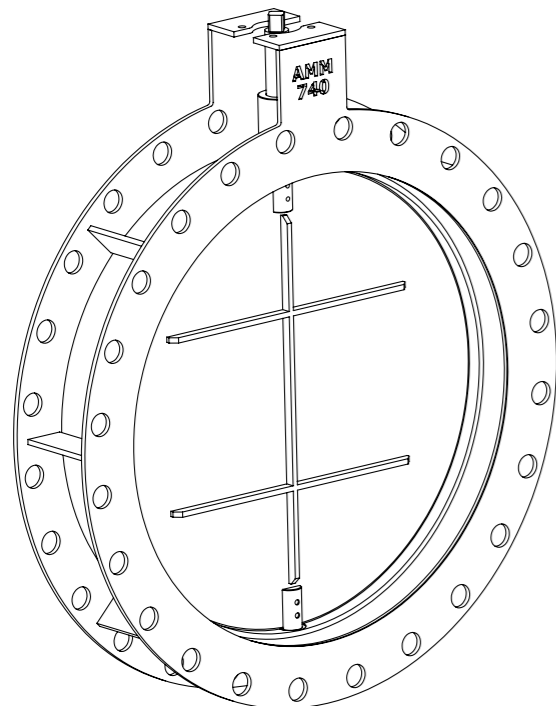
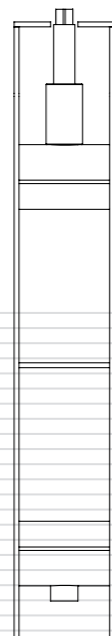
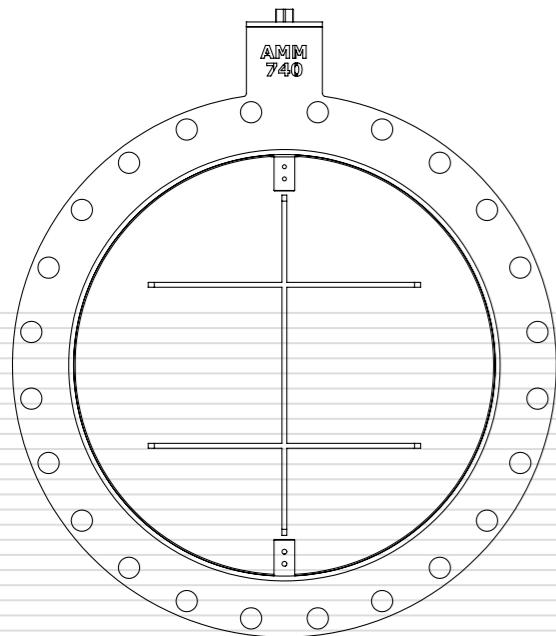
Valvola a Perdita Controllata
Tenuta Morbida
Tenuta sull'Albero con Pacchi Baderna in PTFE o Grafite
Massima Temperatura d'Esercizio 900°C
Massima Pressione d'Esercizio 3 bar
Versione WAFER o FLANGIATA
Flangiature secondo PN6, PN10, PN16, ANSI150
Costruzioni personalizzate in base alla temperatura

Technical Specification

Controlled Leakage Valve
Soft Seat
Shaft Sealing with PTFE or Graphite Braid Packing
Max Working Temperature 900°C
Max Working Pressure 3 bar
WAFER or FLANGED Version
Flanges According to PN6, PN10, PN16, ANSI150
Customised construction according to temperature

Technische Eigenschaften

Klappe mit gesteuertem Leck
Weiche Dichtung
Wellendichtung garantiert durch Packungen in PTFE oder Graphit-Geflechtichtung.
Max. Betriebstemperatur 900°C
Max. Betriebsdruck 3 bar
Zwischenflansch- oder Flanschenausführung
Flansche gemäß PN6, PN10, PN16, ANSI150
Personalisierte Produkte auf der Basis von der Temperatur



AMM 750

Specifiche Tecniche

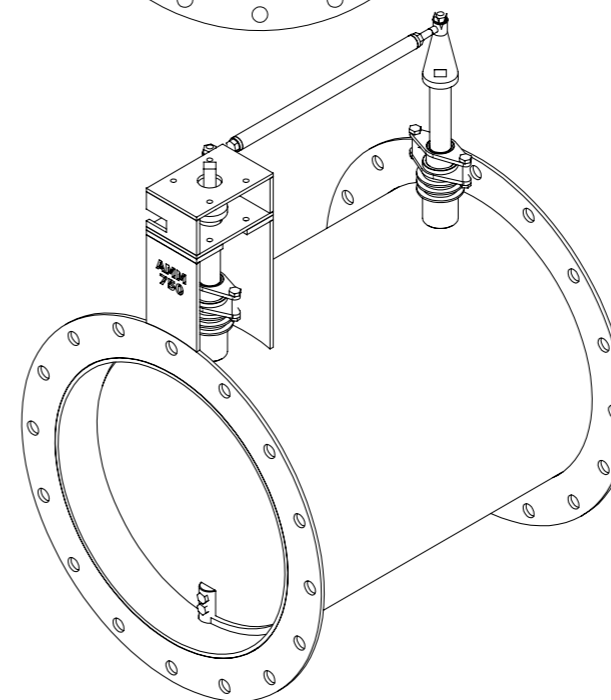
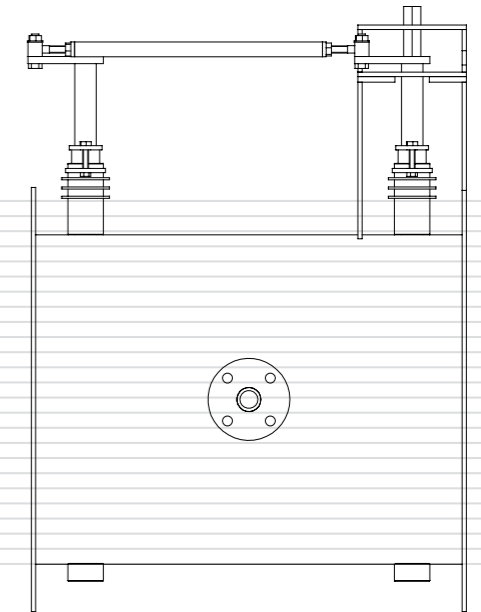
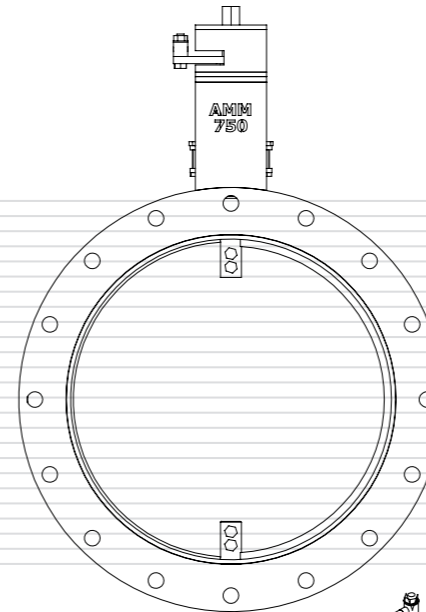
Valvola a farfalla a doppia pala a basso trafilemento
Tenuta Metallo su Metallo
Tenuta sull'Albero con Pacchi Baderna in Grafite
Predisposizione per Aria di Sbarramento
Massima Temperatura d'Esercizio 900°C
Massima Pressione d'Esercizio 3 bar
Versione FLANGIATA
Flangiature secondo PN6, PN10, PN16, ANSI150
Costruzioni personalizzate in base alla temperatura

Technical Specification

Low Leakage Double-blade Butterfly Valve
Metal to Metal Seat
Shaft Sealing with Graphite Braid Packing
Predisposition for Air Sealing System
Max Working Temperature 900°C
Max Working Pressure 3 bar
FLANGED Version
Flanges According to PN6, PN10, PN16, ANSI150
Customised construction according to temperature

Technische Eigenschaften

Absperr- und Mehrklappen mit niedrigem Leck
Metall auf Metall Dichtung
Wellendichtung garantiert durch Packungen in Graphit-Geflechtichtung.
Veranlagung für Luftsperranlage
Max. Betriebstemperatur 900°C
Max. Betriebsdruck 3 bar
Flanschenausführung
Flansche gemäß PN6, PN10, PN16, ANSI150
Personalisierte Produkte auf der Basis von der Temperatur



AMM 760

Specifiche Tecniche

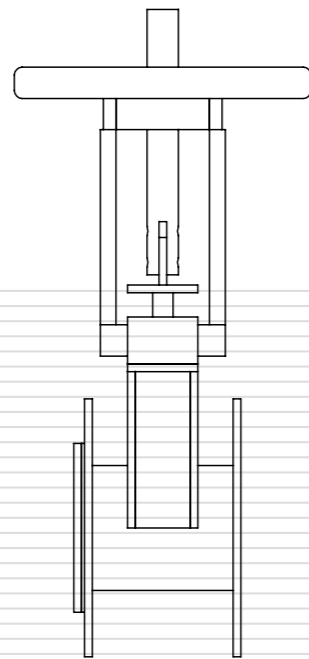
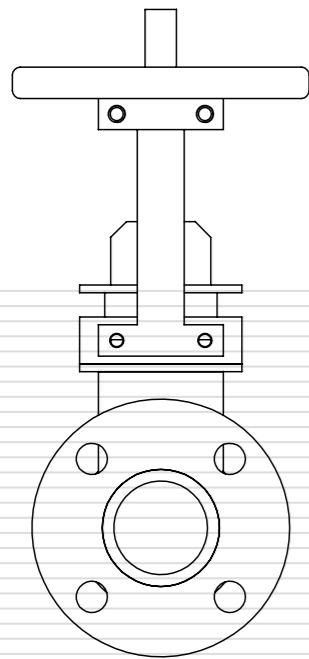
Valvola a Ghigliottina a Perdita Controllata
Tenuta Metallo su Metallo
Tenuta sulla Lama con Pacchi Baderna in PTFE o Grafite
Massima Temperatura d'Esercizio 600°C
Massima Pressione d'Esercizio 3 bar
Versione WAFER o FLANGIATA
Flangiature secondo PN6, PN10, PN16, ANSI150
Massima Classe di Tenuta: III
Costruzioni personalizzate in base alla temperatura

Technical Specification

Controlled Leakage Guillotine Valve
Metal to Metal seat
Blade Sealing with PTFE or Graphite Braid Packing
Max Working Temperature 600°C
Max Working Pressure 3 bar
WAFER or FLANGED Version
Flanges According to PN6, PN10, PN16, ANSI150
Max Leakage Class : III
Customised construction according to temperature

Technische Eigenschaften

Schieberklappen mit gesteuertem Leck
Metall auf Metall Dichtung
Wellendichtung garantiert durch Packungen in PTFE oder Graphit-Geflechtichtung.
Max. Betriebstemperatur 600°C
Max. Betriebsdruck 3 bar
Zwischenflansch- oder Flanschenausführung
Flansche gemäß PN6, PN10, PN16, ANSI150
Max Leckage-Klasse: III
Personalisierte Produkte auf der Basis von der Temperatur



AMM 790

Specifiche Tecniche

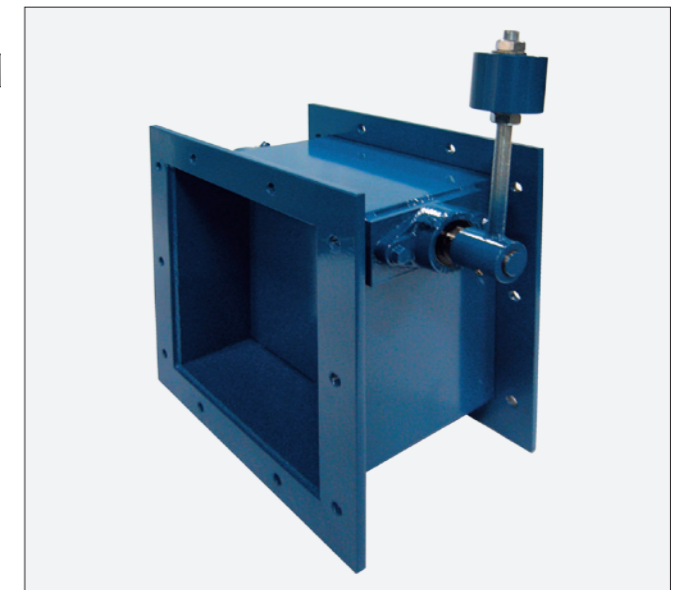
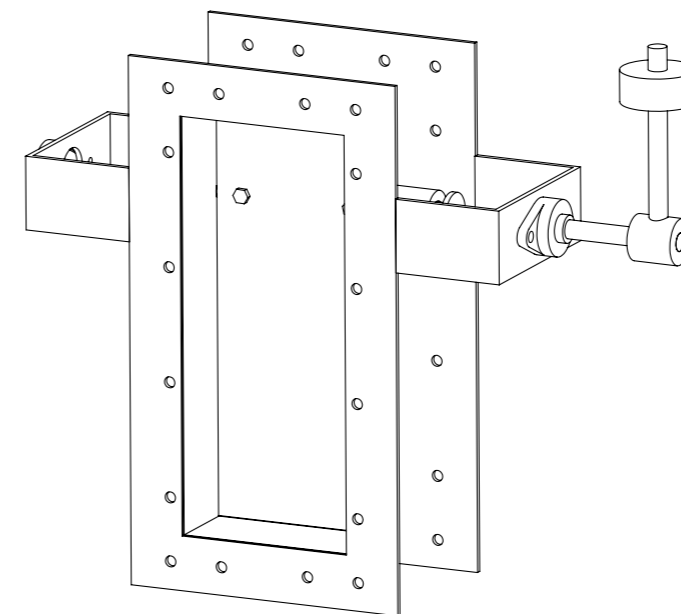
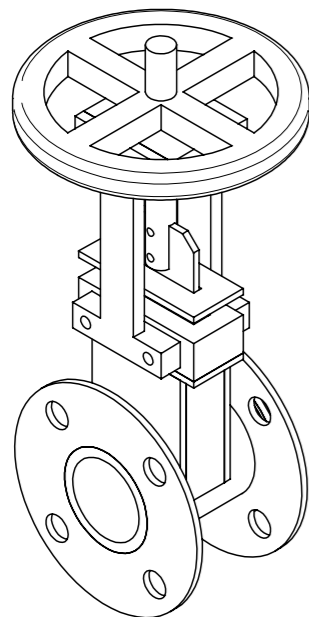
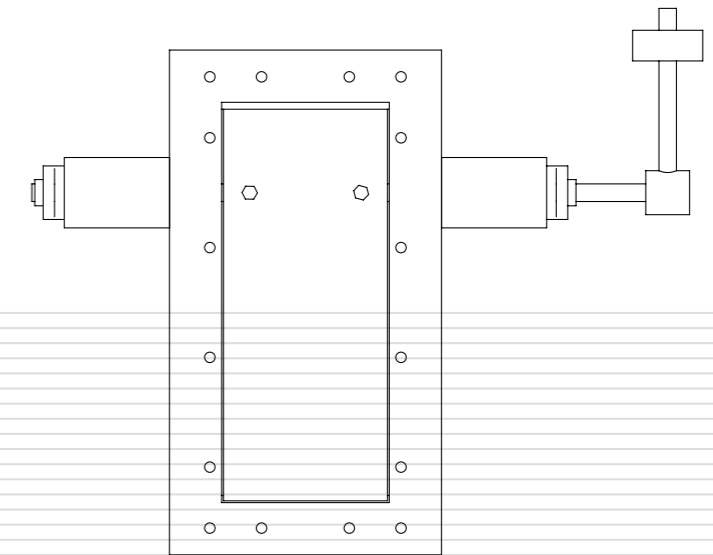
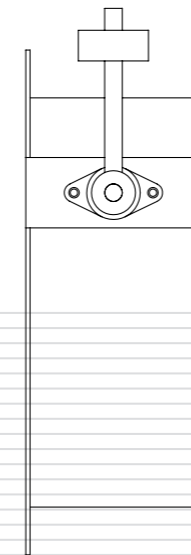
Valvola di Non Ritorno per Condotte Aria
Apertura/Chiusura con Leva o Contrappeso
Versione a sezione rettangolare Flangiata o Circolare
Dimensioni su Richiesta del Cliente
Costruzioni personalizzate in base alla temperatura

Technical Specification

Air Piping Non-Returning Valve
Opening/Closing with Lever or Counterweight
Rectangular or Circular Flanged Version
Dimensions According to Customer Specifications
Customised construction according to temperature

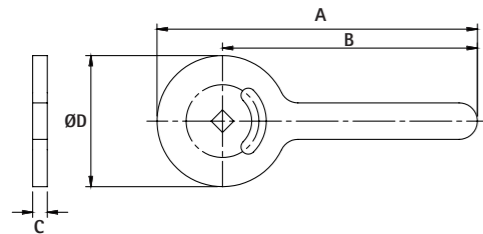
Technische Eigenschaften

Rückschlagventile für Luftleitungen
Öffnung/Schließung mit Hebel oder Gegengewicht Verbindung
Rechteckige kreisförmig Flanschenausführung
Weitere Ausführungen auf Wunsch erhältlich
Personalisierte Produkte auf der Basis von der Temperatur

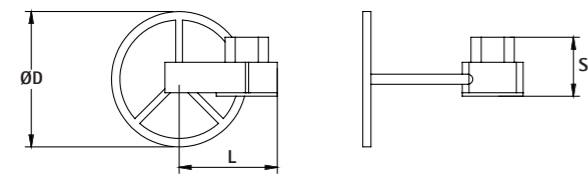


DN	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000	1100	1200	1300	1400	1500
	inch	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	28"	32"	36"	40"	44"	48"	52"	56"	60"
Required Torque (Nm)																								
@pression (barg)	0	10	10	10	12	15	18	22	28	35	41	48	52	60	71	85	98	107	115	130	155	170	182	210
	1	12	12	12	14	18	22	26	34	42	49	58	62	72	85	102	118	128	138	156	186	204	218	252

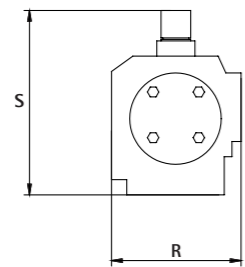
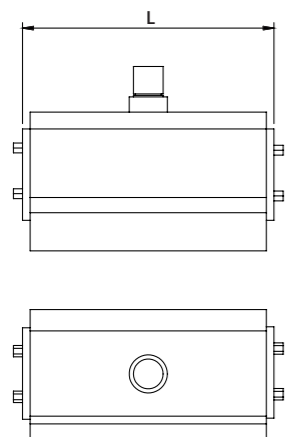
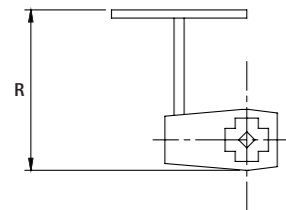
Per un corretto dimensionamento dell'attuatore considerare un 40% in più del momento torcente necessario / For a right sizing of the actuator, consider a 40% more than the required torque



Leva Regolabile e Bloccabile in qualsiasi posizione Adjustable Lever Lockable in any position		Leva Lever					
Valvola Valve		D	A	B	C	Peso (kg) Weight (kg)	Materiale / Material
DN	ART.	D	A <td>B</td> <td>C</td> <td></td> <td></td>	B	C		
50-200	7000.22.0050.LV	90	220	175	10	0,70	Painted Carbon Steel
250-300	7000.22.0250.LV	115	300	243	10	0,70	Painted Carbon Steel
50-200	7000.12.0050.LV	90	220	175	10	0,70	AISI 304
250-300	7000.12.0250.LV	115	300	243	10	0,70	AISI 304



Riduttore a Volantino / Gearbox		Riduttore Gearbox					
Valvola Valve		D	L	R	S	Peso (kg) Weight (kg)	Materiale / Material
DN	ART.	D	L	R	S		
50-300	RIDUNIT01	200	128	149	68	1,83	ALLUMINIO / ALUMINUM
350-500	RIDUNIT02	290	180	288	80	2,35	ALLUMINIO / ALUMINUM
550-1200	RID02	177	85	143	143	2,87	GHISA / CAST IRON



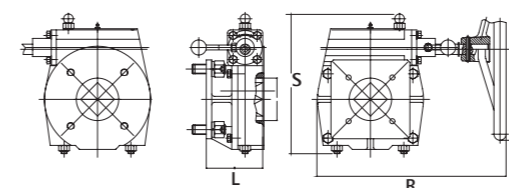
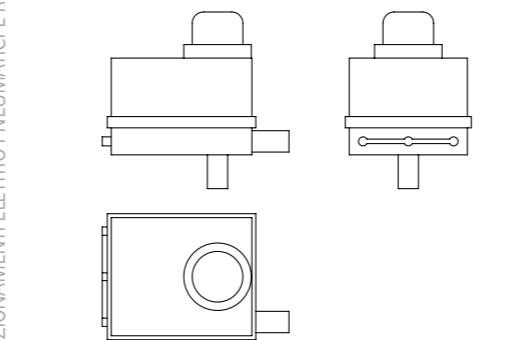
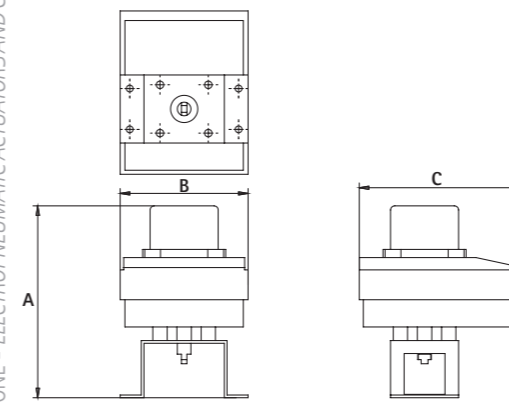
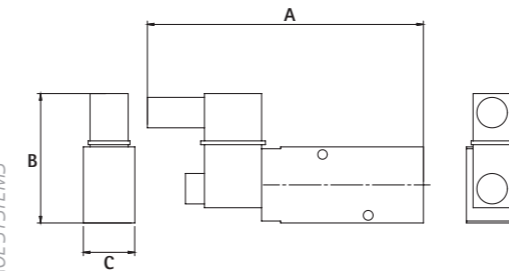
Attuatore Pneumatico Rotante Doppio Effetto Double-Effect Pneumatic Rotary Actuator		Attuatore Actuator					
MODELLI AMM700, AMM710, AMM730, AMM780							
Valvola Valve		L	R	S	Peso (kg) Weight (kg)	Consumo d'Aria (Lt) Air Consumption (Lt)	
DN	ART.	L	R	S			
50-200	AM15.0	165	85	121	1,83	0,41	
250-300	AM17.0	197	85	121	2,35	0,55	
350	AM20.0	177	85	143	2,87	0,71	
400	AM25.0	239	96	143	4,00	1,10	
450-850	AM35.0	246	138	196	7,58	2,45	
900-1050	AM40.0	290	135	196	9,03	3,05	
1100-1500	AM45.0	351	146	208	12,46	4,40	

Attuatore Pneumatico Rotante Semplice Effetto Single-Effect Pneumatic Rotary Actuator		Attuatore Actuator					
MODELLI AMM700, AMM710, AMM730, AMM780							
Valvola Valve		L	R	S	Peso (kg) Weight (kg)	Consumo d'Aria (Lt) Air Consumption (Lt)	
DN	ART.	L	R	S			
50-150	AM17.4	165	85	121	2,59	0,25	
200	AM20.4	197	85	121	3,25	0,71	
250	AM25.4	177	85	143	4,52	0,48	
300-400	AM30.4	239	96	143	5,57	0,65	
450-650	AM35.4	246	138	196	9,02	1,20	
700-850	AM40.4	290	135	196	10,71	1,60	
900-1050	AM45.4	351	146	208	15,02	1,85	
1100-1200	AM50.4	349	185	248	22,63	2,90	

Le coppie fornite dagli attuatori sono state calcolate, considerando una pressione d'alimentazione di 4 bar.

The torque supplied by actuators are calculated, assuming a supply pressure of 4 bar.

Doppio Effetto Gerät wird mit einer Ernährungsdruck von 4 bar kalkuliert.



Elettrovalvole / Solenoids				
ART.	Descrizione / Description	A	B	C
AMSV-51	Elettrovalvola ISO IP65 monostabile pilota a sinistra 5/2 Et 3/2 con bobina e connettore ISO IP65 monostable solenoid pilot left 5/2 Et 3/2 with coil and connector	145	68	27
AMSV-61	Elettrovalvola NAMUR IP65 monostabile pilota a sinistra 5/2 Et 3/2 con bobina e connettore Monostable IP65 NAMUR solenoid pilot left 5/2 Et 3/2 with coil and connector	145	68	27
AMSV-62	Elettrovalvola NAMUR IP65 bistabile 5/2 Et 3/2 con bobina e connettore Bistable IP65 NAMUR solenoid 5/2 Et 3/2 with coil and connector	185	68	27
AMSV-71	Elettrovalvola NAMUR a Sicurezza Intrinseca Eexia IIC T6, monostabile Intrinsically Safe NAMUR Solenoid EExia IIC T6, monostable	145	68	27
AMSV-72	Elettrovalvola NAMUR a Sicurezza Intrinseca Eexia IIC T6, bistabile Intrinsically Safe NAMUR Solenoid EExia IIC T6, bistable	185	68	27
AMSV-81	Elettrovalvola NAMUR a Sicurezza Antideflagrante Exem, monostabile Explosion Proof NAMUR Solenoid Security Exem, monostable	145	68	27
AMSV-82	Elettrovalvola NAMUR a Sicurezza Antideflagrante Exem, bistabile Explosion Proof NAMUR Solenoid Security Exem, bistable	185	68	27

Box per Azionamento e Regolazione Pneumatica / Boxes for Pneumatic Actuation and Regulation				
Posizionatore / Positioner				
ART.	Descrizione / Description	A	B	C
AMLS-45	Box Alluminio IP67 con 2 Finecorsa Elettromeccanici SPDT, Indicatore Visivo e Staffa IP67 Aluminum Box with 2 SPDT Electromechanical Switches, Visual Indicator and Bracket	141	94	120
AMLS-48	Box Antideflagrante Exd con 2 Finecorsa Elettromeccanici SPDT, Indicatore Visivo e Staffa. ATEX II 2G Explosion Proof Exd limit switch box with 2 SPDT Electromechanical Switches, Visual Indicator and Bracket. ATEX II 2G	137	148	126
AMLS-42D	Box Micro IP65 con 2 Sensori induttivi P&F Eexia NJ2-V3-N Micro Box IP65 with 2 P&F Inductive Sensors Eexia NJ2-V3-N	110	131	56

Posizionatori Regolazione Pneumatica / Positioners for Pneumatic Regulation	
Posizionatore / Positioner	
ART.	Descrizione / Description
AMPP-01	Posizionatore Pneumatico 3-15 PSI Pneumatic Positioner 3-15 PSI
AMPE-01	Posizionatore Elettro-Pneumatico Segnale 4-20 mA in ingresso Electro-Pneumatic Positioner, Input Signal 4-20 mA
AMPE-02	Posizionatore Elettro-Pneumatico Segnale 4-20 mA in ingresso e Cassetta con 2 Finecorsa Elettromeccanici SPDT Electro-Pneumatic Positioner, Input Signal 4-20 mA and Box with 2 SPDT Electromechanical Switches
AMPE-03	Posizionatore Elettro-Pneumatico Segnale 4-20 mA in ingresso e uscita (feedback) Electro-Pneumatic Positioner, Input and Output (Feedback) Signal 4-20 mA
AMPE-04	Posizionatore Elettro-Pneumatico Segnale 4-20 mA in ingresso e uscita (Feedback) e Cassetta con 2 Finecorsa Elettromeccanici SPDT Electro-Pneumatic Positioner, Input and Output (Feedback) Signal 4-20 mA and Box with 2 SPDT Electromechanical Switches

Riduttore a Volantino con dispositivo di sblocco per comando d'emergenza Gearbox with release device for emergency control		Riduttore Gearbox					
Valvola Valve		D	L	R	S	Peso (kg) Weight (kg)	Materiale / Material
DN	ART.	D	L	R	S		
50-850	AMRS-26	200	145	237	87	-	ALLUMINIO / ALUMINUM
900-1200	AMRS-38	200	163	258	87	-	ALLUMINIO / ALUMINUM

Azionamenti elettrici e regolazione
AMMtech motorizza le proprie valvole con Attuatori Elettrici delle società leader a livello Mondiale nel settore. Richiedi l'offerta al ns. ufficio vendite

Electric Actuators and Control Systems
AMMtech Dampers valves are motorised with the world's leading brands of electric actuators. Please request a quotation to our sales department.

Elektrische und gesteuerte Betriebe.
AMMtech beobachtet ihre Klappen mit Elektroantriebe von weltweiten Leaders Unternehmen des Gewerbes. Anfragen Sie nach Ihrer Angebot unserer Verkaufsabteilung.



Le dimensioni d'ingombro sono puramente indicative. Immagini e disegni dettagliati sono forniti su richiesta del cliente.
Overall dimensions are approximate. Images and detailed drawings are available upon request.

Die Ausmaß-Dimensionen sind rein ungefähr.

La società AMMtech si riserva il diritto di apportare modifiche ai propri prodotti in qualunque momento.

AMMtech reserves the right to make changes to its products at any time.

AMMtech behält sich das Recht, Produktveränderungen in jeder Zeit anzubringen.



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