M346

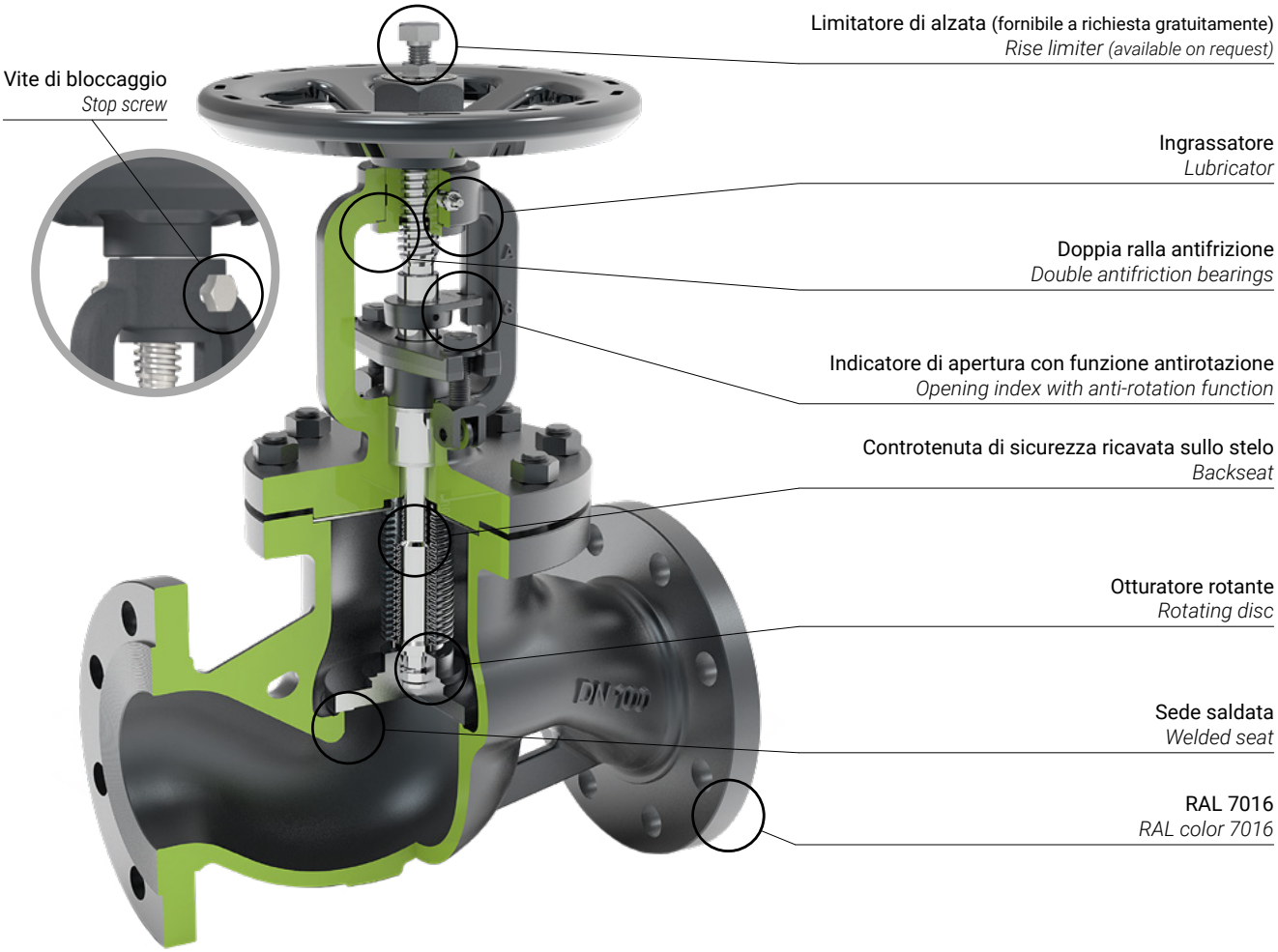
Valvola a flusso avviato con soffietto esente manutenzione a vite esterna

Streamlined flow valve with bellows maintenance free outside screw

PN **40**

ACCIAIO AL CARBONIO | CARBON STEEL

Caratteristiche | *Features*



Applicazioni

Valvole per acqua calda e/o surriscaldata, vapore, aria, fluidi diatermici, ecc.

Trovano impiego negli impianti di trasmissione calore, centrali termiche, caldaie e serbatoi, impianti di teleriscaldamento, applicazioni con olio diatermico, ecc.

Applications

Valves for hot water and/or overheated water, steam, air, diathermic fluids, etc.

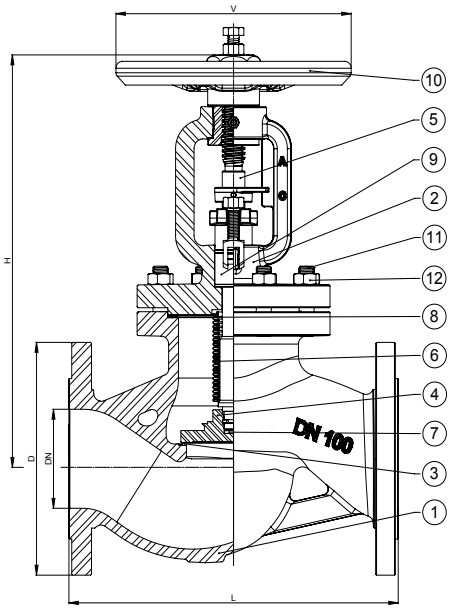
They are suitable for heat transfer systems, thermal power stations, industrial boilers and tanks, district heating plants, diathermic oil installations, etc.

MAINTENANCE FREE

TA-Luft APPROVED

Materiali | *Materials*

POS	COMPONENTE	*COMPONENTS*	*MATERIAL*
1	CORPO 15-50	*BODY 15-50*	*P250 GH (FORGED)*
	CORPO 65-250	*BODY 65-250*	*GP 240 GH+N (CASTED)*
2	CAVALLETTO 15-80	*YOKE 15-80*	*P250 GH (FORGED)*
	CAVALLETTO 100-250	*YOKE 100-250*	*GP 240 GH+N (CASTED)*
3	SEDE	*SEAT*	*STAINLESS STEEL 1.4370*
4	OTTURATORE	*DISC*	*STAINLESS STEEL 1.4021*
5	STELO	*STEM*	*STAINLESS STEEL 1.4021*
6	SOFFIETTO	*BELLOWS*	*STAINLESS STEEL 1.4541*
7	DISCO ANTIFRIZIONE	*ANTIFRICTION DISC*	*STAINLESS STEEL 1.4021*
8	GUARNIZIONI	*GASKETS*	*GRAPHITE + ST. STEEL*
9	BADERNA	*PACKING*	*GRAPHITE*
10	VOLANTINO	*HANDWHEEL*	*PRESSED STEEL*
11	PRIGIONIERI	*STUDS*	*CARBON STEEL*
12	DADI	*NUTS*	*CARBON STEEL*



Dimensioni | *Dimensions*

DN	D mm	L mm	H mm	V mm	Kg -	Kv m³/h
15	95	130	235	125	4.9	4.8
20	105	150	235	125	5.64	7.6
25	115	160	245	125	7.16	12.2
32	140	180	245	125	9	17.5
40	150	200	275	150	12	27.8
50	165	230	275	150	15.34	44.3
65	185	290	375	250	25.7	81
80	200	310	375	250	30	115
100	235	350	410	250	44.8	184
125	270	400	460	300	66.1	272
150	300	480	520	350	96.2	383
200	375	600	635	400	182	691
250	450	730	785	500	322.5	1086

Condizioni di esercizio | *Working conditions*

PRESSIONE	*PRESSURE [bar]*	40	35.2	33.3	30.5	27.6	25.7	23.8
TEMPERATURA	*TEMPERATURE [°C]*	-10/+50	+150	+200	+250	+300	+350	+400

NOTA: Bulloneria per temperatura massima +450°C a richiesta (13.1 bar)
NOTE: Bolts for maximum temperature +450°C on request (13.1 bar)

Kv alla percentuale di alzata M346/R
Kv at stroke rate M346/R

DN	15	20	25	32	40	50	65	80	100	125	150	200	250
20%	0.34	0.87	1.35	2.29	3.87	8.57	9.27	16.7	21.9	37.3	53.1	74.9	328.6
40%	1.03	1.84	2.92	4.71	7.53	14.8	18.7	32.1	42	63.3	113.4	148.7	576.2
60%	2.26	3.66	5.17	8.63	14	23.1	35.6	57.4	77.6	107.1	197.6	268.3	722.8
80%	3.4	5.69	7.95	13	20.6	32	56	83.6	121.7	160.2	262.1	392.1	807
100%	4.36	7.04	9.59	16	25.5	38	66.7	95.4	143.5	189.3	297.4	463.8	925.6

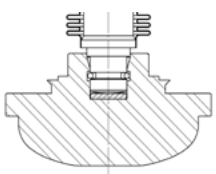
Limiti di utilizzo | *Limits of use*

È necessario l'uso dell'otturatore equlibrato quando la pressione differenziale supera i seguenti valori:
It is necessary to use the balanced disc when the differential pressure is over the following values:

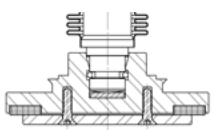
DN	125	150	200	250
PRESSIONE	*PRESSURE [bar]*	30	21	14	9

NOTA: Utilizzando una valvola con otturatore equilibrato è indispensabile installarla al contrario, cioè con la pressione sopra l'otturatore
NOTE: When using a valve with balanced disc, it is essential to install it in reverse way, that is with the pressure on the disc

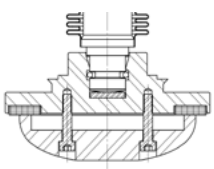
Varianti | *Variations*



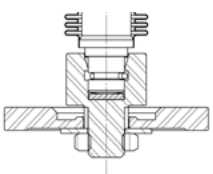
M346 R
Otturatore parabolico
Parabolic disc



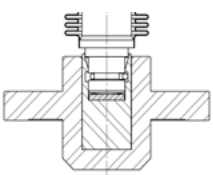
M346 T
Otturatore con guarnizione intercambiabile di PTFE (max 180°C)
Interchangeable PTFE gasket on the disc (max 180°C)



M346 RT
Otturatore parabolico con guarnizione intercambiabile di PTFE (max 180°C)
Parabolic disc with interchangeable PTFE gasket (max 180°C)



M346 EQ
Otturatore equilibrato
Balanced disc



M346 A
Otturatore semi-automatico con funzione di valvola di ritegno e chiusura
SDNR disc (check + on/off function)

MIVAL SRL reserves the right of technical amendments without any notice