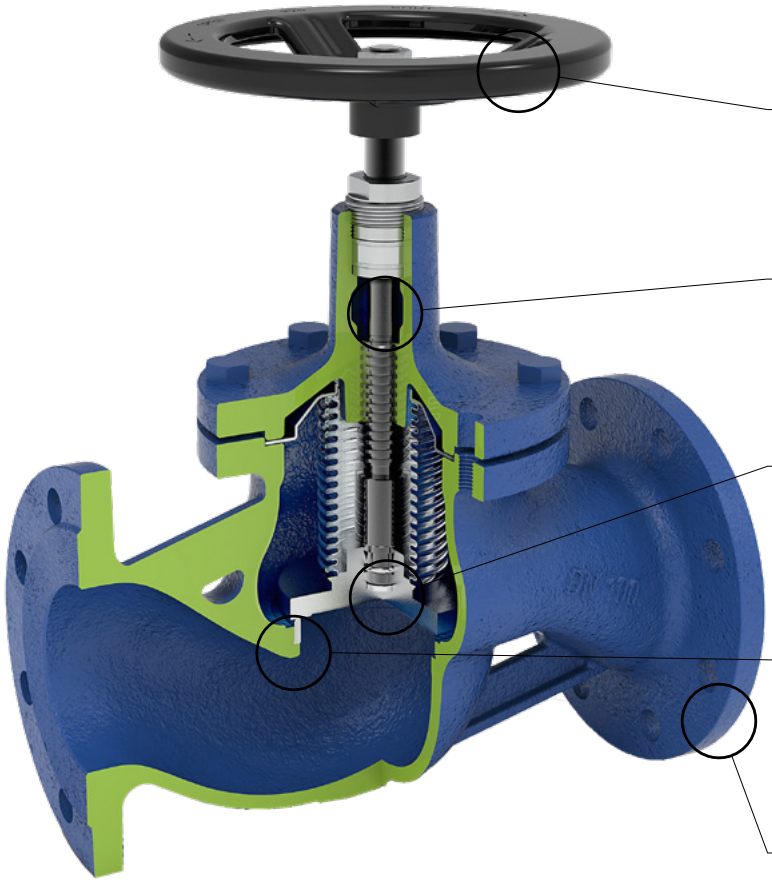
M51

Valvola a flusso avviato con soffietto esente manutenzione a vite interna

Streamlined flow valve with bellows maintenance free inside screw

PN **16**
GHISA | CAST IRON

Caratteristiche | *Features*



Volantino saliente
Rising handwheel

Stelo rotante
Rotating stem

Otturatore non rotante
Non-rotating disc

Sede mandrinata
Pressed-in seat

RAL 5013
RAL color 5013

Applicazioni

Valvole per acqua calda e/o surriscaldata, vapore, aria, fluidi diatermici (vedi tabella), ecc.

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

Applications

Valves for hot water and/or overheated water, steam, air, diathermic fluids (see table), etc.

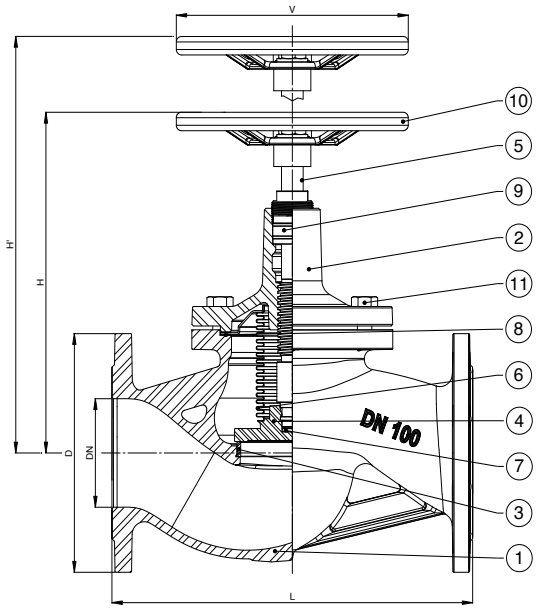
They are suitable for heat transfer systems, thermal power stations, industrial boilers and tanks, district heating plants, diathermic oil installations (see table), etc.

MAINTENANCE FREE

TA-Luft APPROVED

Materiali | *Materials*

POS	COMPONENTE	*COMPONENTS*	*MATERIAL*
1	CORPO	*BODY*	*EN-GJL-250*
2	CAPPELLO	*BONNET*	*EN-GJL-250*
3	SEDE	*SEAT*	*STAINLESS STEEL 1.4021*
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	VITI	*SCREWS*	*CARBON STEEL*



Dimensioni | *Dimensions*

DN mm	D mm	L mm	H mm	H' mm	V mm	Kg -	Kv m³/h
15	95	130	165	175	100	2.97	4.6
20	105	150	165	175	100	3.73	7.3
25	115	160	175	185	100	4.41	11.7
32	140	180	180	190	125	6.07	16.8
40	150	200	220	235	150	9.22	26.7
50	165	230	220	235	150	11.47	42.6
65	185	290	300	320	200	18.7	77.9
80	200	310	300	320	200	21.4	111
100	220	350	310	345	225	32.2	177
125	250	400	350	395	250	42.8	262
150	285	480	400	445	350	63.7	368
200	340	600	470	535	400	112	664

Condizioni di esercizio | *Working conditions*

PRESSIONE	*PRESSURE [bar]*	16	14.4	12.8	11.2	9.6
TEMPERATURA	*TEMPERATURE [°C]*	-10/+120	+150	+200	+250	+300

PRESSIONE	*PRESSURE [bar]*	13.2	12	10	8	6
TEMPERATURA	*TEMPERATURE [°C]*	-10/+120	+150	+200	+250	+300

Tabella valida solo per fluidi diatermici
Table valid only for diatermic fluids

Kv alla percentuale di alzata M51/R
Kv at stroke rate M51/R

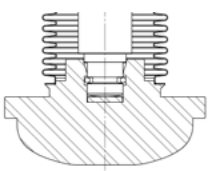
DN	15	20	25	32	40	50	65	80	100	125	150	200
20%	0.33	0.84	1.3	2.2	3.72	8.26	8.91	16.1	21.1	35.9	51.1	72
40%	0.99	1.77	2.81	4.53	7.24	14.2	18	30.9	40.4	60.9	109	143
60%	2.17	3.52	4.91	8.3	13.5	22.2	34.2	55.2	74.6	103	190	258
80%	3.27	5.47	7.64	12.5	19.8	30.8	53.8	80.4	117	154	252	377
100%	4.19	6.77	9.22	15.4	24.5	36.5	64.1	91.7	138	182	286	446

Limiti di utilizzo | *Limits of use*

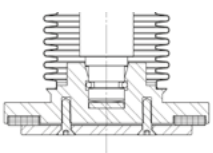
È necessario utilizzare una valvola a vite esterna con otturatore equilibrato (M61/EQ) quando la pressione differenziale supera i seguenti valori:
It is necessary to use an outside balanced disc (M61/EQ) when the differential pressure is over the following values:

DN	200
PRESSIONE	*PRESSURE [bar]*	14

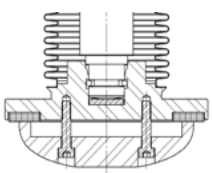
Varianti | *Variations*



M51 R
Otturatore parabolico
Parabolic disc



M51 T
Otturatore con guarnizione intercambiabile di PTFE (max 180°C)
Interchangeable PTFE gasket on the disc (max 180°C)



M51 RT
Otturatore parabolico con guarnizione intercambiabile di PTFE (max 180°C)
Parabolic disc with interchangeable PTFE gasket (max 180°C)

MIVAL SRL reserves the right of technical amendments without any notice