

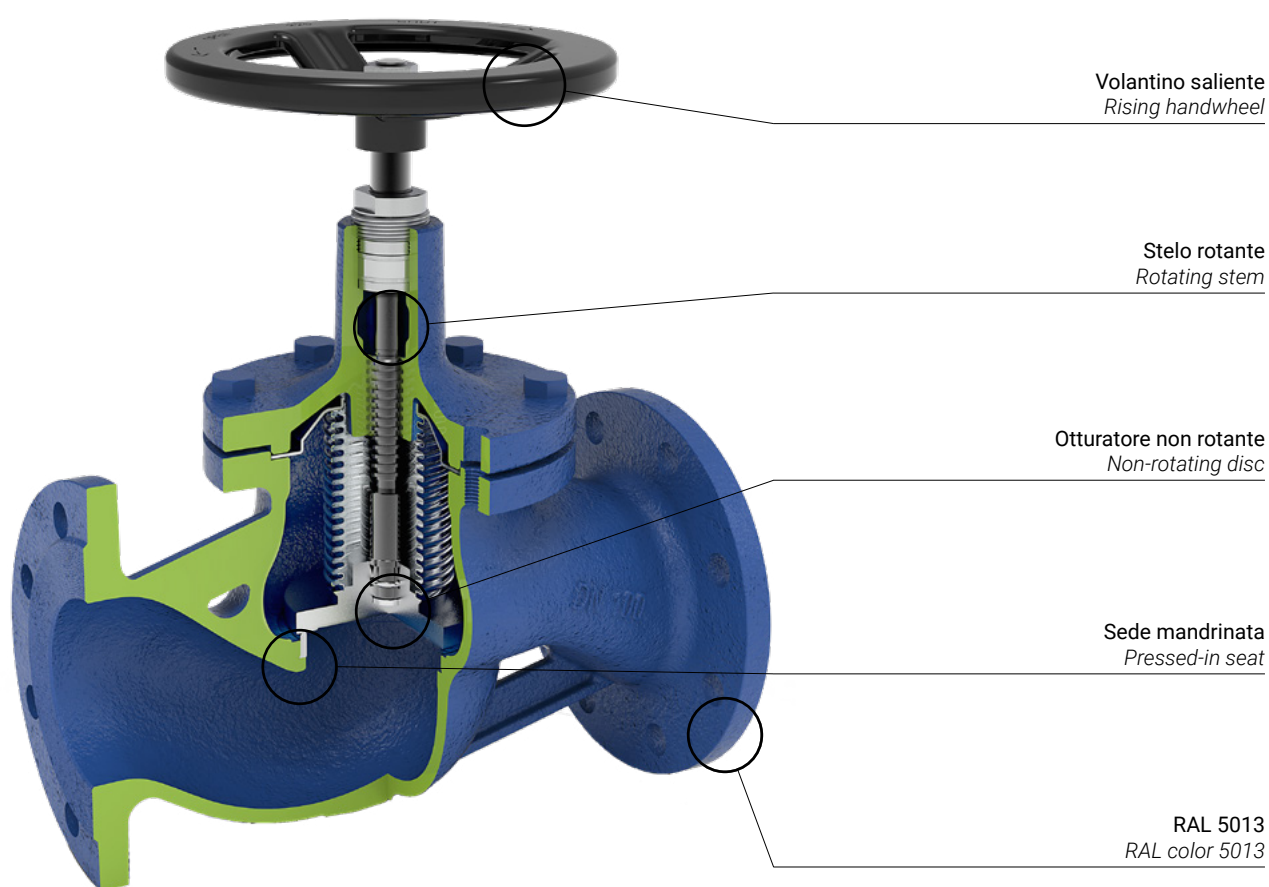
M51

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



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.



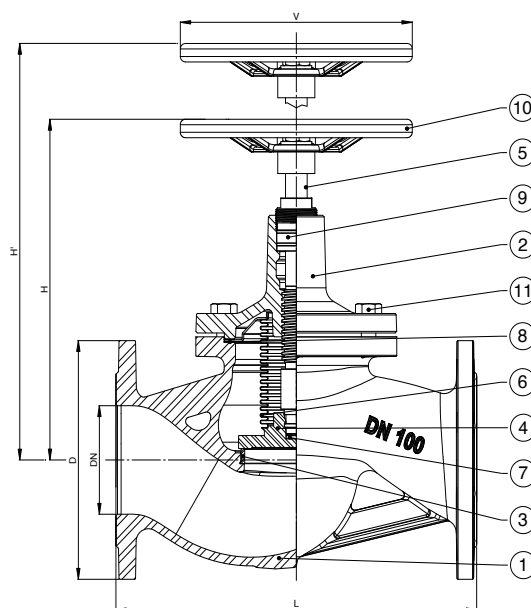
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Materiali | Materials

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	D	L	H	H'	V	Kg	Kv
mm	mm	mm	mm	mm	mm	-	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 diathermic fluids

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

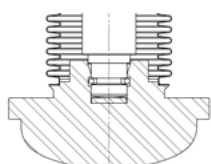
DN	15	20	25	32	40	50	65	80	100	125	150	200
20%	0.33	0.84	1.3	2.2	3.72	8.26	8.91	16.1	21.1	35.9	51.1	72
40%	0.99	1.77	2.81	4.53	7.24	14.2	18	30.9	40.4	60.9	109	143
60%	2.17	3.52	4.91	8.3	13.5	22.2	34.2	55.2	74.6	103	190	258
80%	3.27	5.47	7.64	12.5	19.8	30.8	53.8	80.4	117	154	252	377
100%	4.19	6.77	9.22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

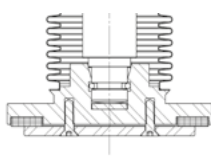
DN	200
PRESSIONE PRESSURE [bar]	14

Varianti | Variations



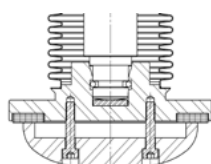
M51 R

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)