M153

Valvola a flusso avviato a vite esterna tradizionale a baderna

Streamlined flow valve outside screw traditional type

PN **25**

GHISA SFEROIDALE | NODULAR CAST IRON

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.

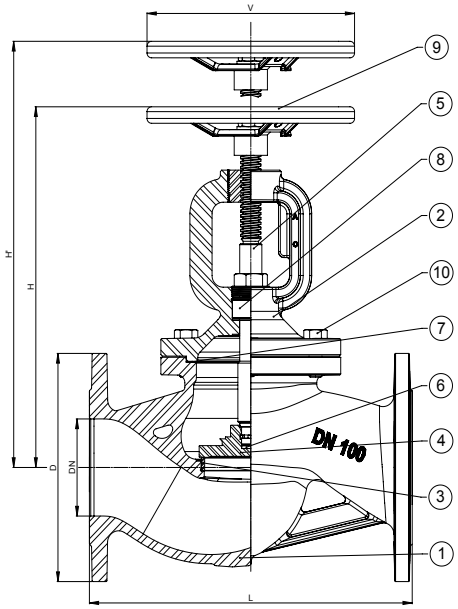
Applications

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.

Materiali | *Materials*

POS	COMPONENTE	*COMPONENTS*	*MATERIAL*
1	CORPO	*BODY*	*EN-GJS-400-18-LT*
2	CAVALLETTO	*YOKE*	*EN-GJS-400-18-LT*
3	SEDE	*SEAT*	*STAINLESS STEEL 1.4021*
4	OTTURATORE	*DISC*	*STAINLESS STEEL 1.4021*
5	STELO	*STEM*	*STAINLESS STEEL 1.4021*
6	DISCO ANTIFRIZIONE	*ANTIFRICTION DISC*	*STAINLESS STEEL 1.4021*
7	GUARNIZIONE	*GASKET*	*GRAPHITE + ST. STEEL*
8	BADERNA	*PACKING*	*GRAPHITE*
9	VOLANTINO	*HANDWHEEL*	*PRESSED STEEL*
10	VITI	*SCREWS*	*CARBON STEEL*



Dimensioni | *Dimensions*

DN	D mm	L mm	H mm	H' mm	V mm	Kg -	Kv m³/h
15	95	130	220	226	125	3.5	4.6
20	105	150	220	226	125	4.5	7.3
25	115	160	225	232	125	5	11.7
32	140	180	225	233	125	6.5	16.8
40	150	200	260	270	150	9.5	26.7
50	165	230	260	273	150	12	42.6
65	185	290	335	356	200	19.5	77.9
80	200	310	335	360	200	22.5	111
100	235	350	380	405	225	33.5	177
125	270	400	415	450	250	45.5	262
150	300	480	465	510	350	66	368
200	360	600	620	680	400	116	664

Condizioni di esercizio | *Working conditions*

PRESSIONE	*PRESSURE [bar]*	25	24.3	23	21.8	20	17.5
TEMPERATURA	*TEMPERATURE [°C]*	-20/+120	+150	+200	+250	+300	+350

Kv alla percentuale di alzata M153/R
Kv at stroke rate M153/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

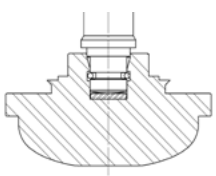
Limiti di utilizzo | *Limits of use*

È necessario 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:

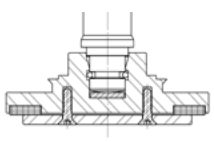
DN	150	200
PRESSIONE	*PRESSURE [bar]*	21	14

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

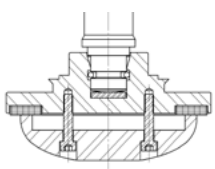
Varianti | *Variations*



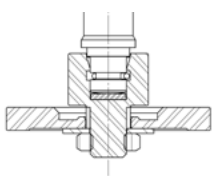
M153 R
Otturatore parabolico
Parabolic disc



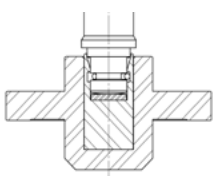
M153 T
Otturatore con guarnizione intercambiabile di PTFE (max 180°C)
Interchangeable PTFE gasket on the disc (max 180°C)



M153 RT
Otturatore parabolico con guarnizione intercambiabile di PTFE (max 180°C)
Parabolic disc with interchangeable PTFE gasket (max 180°C)



M153 EQ
Otturatore equilibrato
Balanced disc



M153 A
Otturatore semi-automatico con funzione di valvola di ritegno e chiusura
SDNR disc (check + on/off function)

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