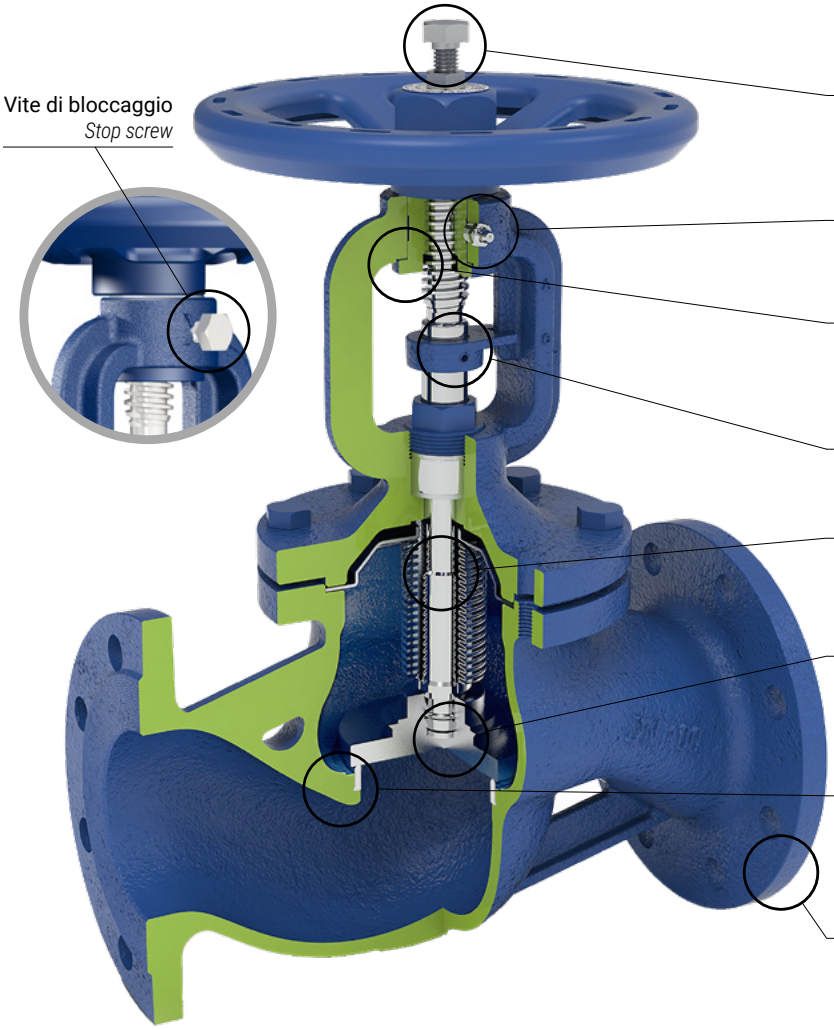
M61

Valvola a flusso avviato con soffietto esente manutenzione a vite esterna

Streamlined flow valve with bellows maintenance free outside 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.

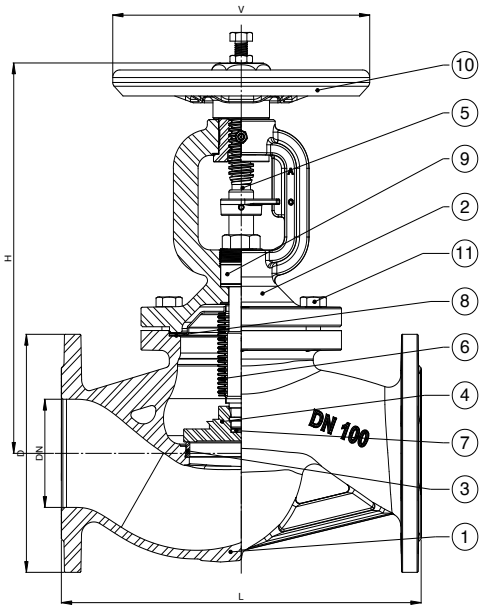
They are suitable for heat transfer systems, thermal power stations, industrial boilers and tanks, district heating plants, diathermic oil installations (see table), etc.

MAINTENANCE FREE

TA-Luft APPROVED

Materiali | *Materials*

POS	COMPONENTE	*COMPONENTS*	*MATERIAL*
1	CORPO	*BODY*	*EN-GJL-250*
2	CAVALLETTO 15-80	*YOKE 15-80*	*EN-GJS-500-7*
	CAVALLETTO 100-200	*YOKE 100-200*	*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 mm	L mm	H mm	V mm	Kg -	Kv m³/h
15	95	130	215	125	3.86	4.6
20	105	150	215	125	4.67	7.3
25	115	160	225	125	5.42	11.7
32	140	180	230	125	6.98	16.8
40	150	200	255	150	9.92	26.7
50	165	230	255	150	12.19	42.6
65	185	290	325	200	21	77.9
80	200	310	330	200	23	111
100	220	350	365	250	34.5	177
125	250	400	415	300	46.6	262
150	285	480	460	350	67.6	368
200	340	600	580	400	116.1	664

NOTA: Per diametri superiori vedere M64
NOTE: See M64 for bigger sizes

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 M61/R
Kv at stroke rate M61/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

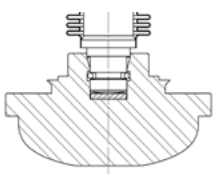
Limiti di utilizzo | *Limits of use*

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:

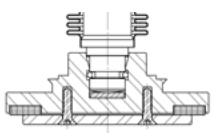
DN	200
PRESSIONE	*PRESSURE [bar]*	14

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

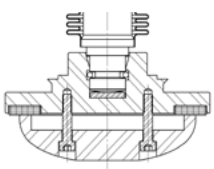
Varianti | *Variations*



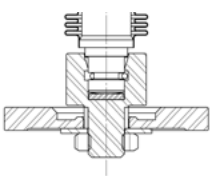
M61 R
Otturatore parabolico
Parabolic disc



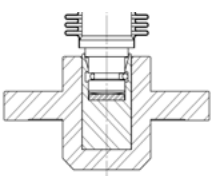
M61 T
Otturatore con guarnizione intercambiabile di PTFE (max 180°C)
Interchangeable PTFE gasket on the disc (max 180°C)



M61 RT
Otturatore parabolico con guarnizione intercambiabile di PTFE (max 180°C)
Parabolic disc with interchangeable PTFE gasket (max 180°C)



M61 EQ
Otturatore equilibrato
Balanced disc



M61 A
Otturatore semi-automatico con funzione di valvola di ritegno e chiusura
SDNR disc (check + on/off function)