

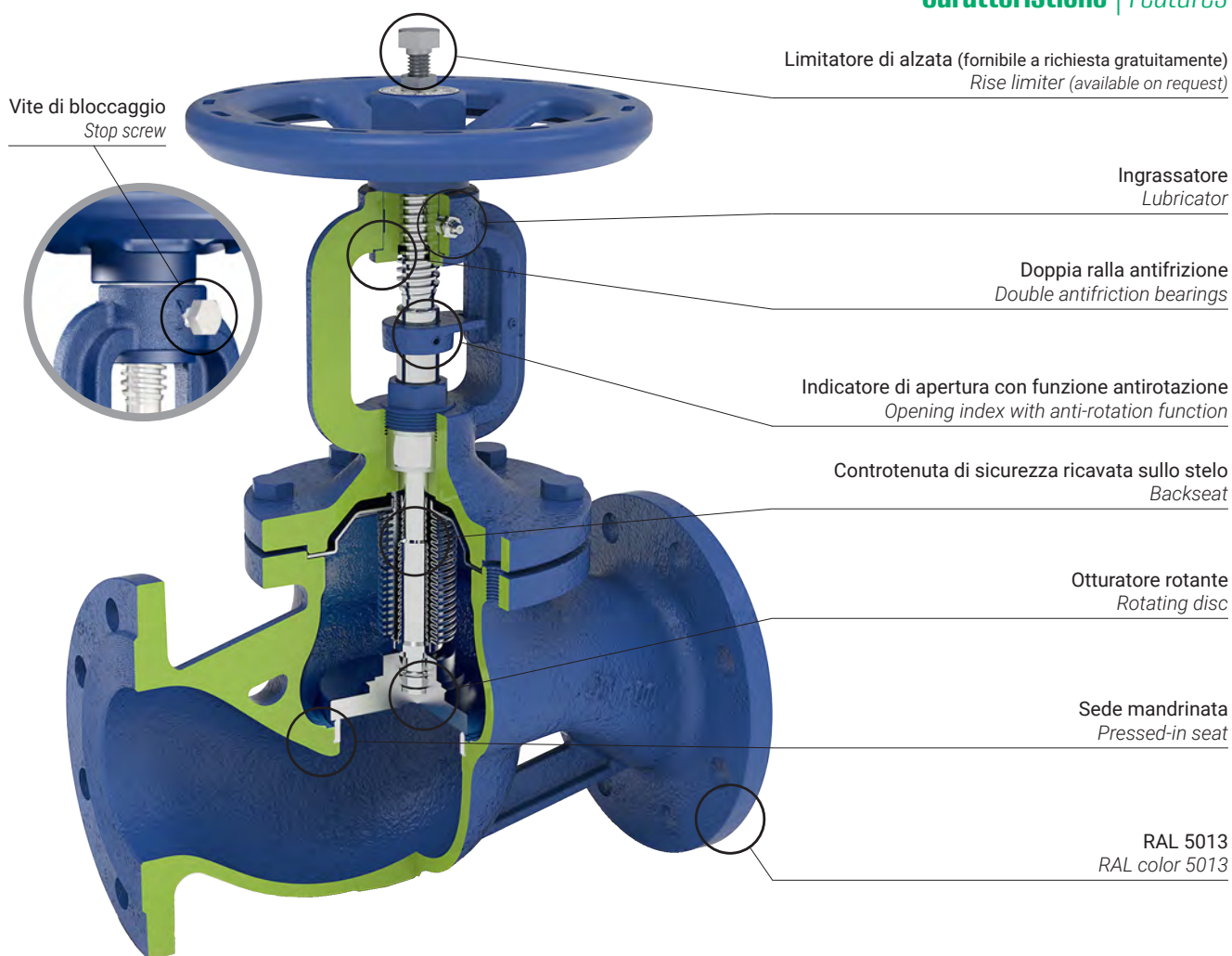
M61

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.

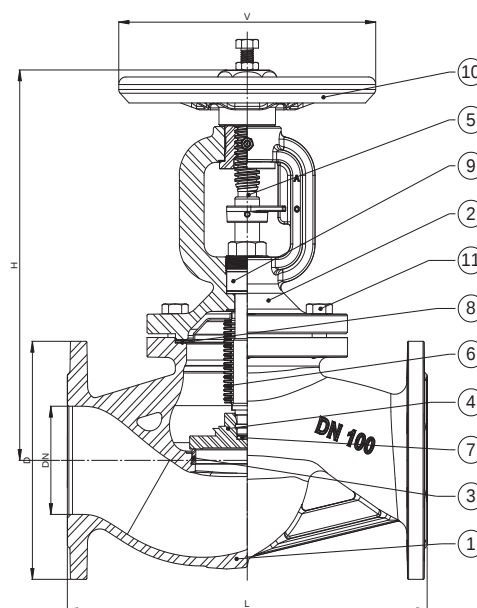


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Materiali | Materials

POS	COMPONENTE	COMPONENTS	MATERIAL
1	CORPO	BODY	EN-GJL-250
2	CAVALLETTO	YOKE	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	235	125	3.8	4.6
20	105	150	235	125	4.5	7.3
25	115	160	245	125	5.2	11.7
32	140	180	245	125	6.8	16.8
40	150	200	275	150	10.1	26.7
50	165	230	275	150	12.2	42.6
65	185	290	375	200	20.5	77.9
80	200	310	375	200	23.5	111
100	220	350	400	250	34.5	177
125	250	400	445	300	46	262
150	285	480	495	350	66.5	368
200	340	600	620	400	117.5	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 diathermic 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

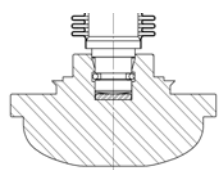
Limiti di utilizzo | Limits of use

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

DN	200
PRESSIONE PRESSURE [bar]	14

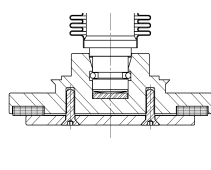
NOTA: Utilizzando una valvola con otturatore equilibrato è indispensabile installarla al contrario, cioè con la pressione sopra l'otturatore
NOTE: When using a valve with balanced disc, it is essential to install it in reverse way, that is with the pressure on the disc

Varianti | Variations



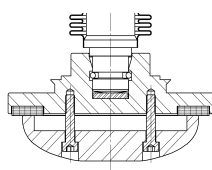
M61 R

Otturatore parabolico
Parabolic disc



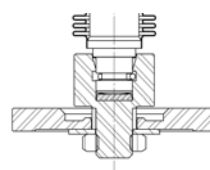
M61 T

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



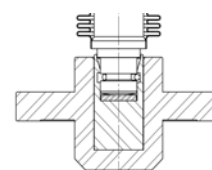
M61 RT

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)