M54

Valvola a flusso avviato con soffietto esente manutenzione a vite interna

Streamlined flow valve with bellows maintenance free inside screw

PN **16**

GHISA SFEROIDALE | NODULAR CAST IRON

Caratteristiche | *Features*



Volantino saliente
Rising handwheel

Stelo rotante
Rotating stem

Otturatore non rotante
Non-rotating disc

Sede mandrinata
Pressed-in seat

RAL 7016
RAL color 7016

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.

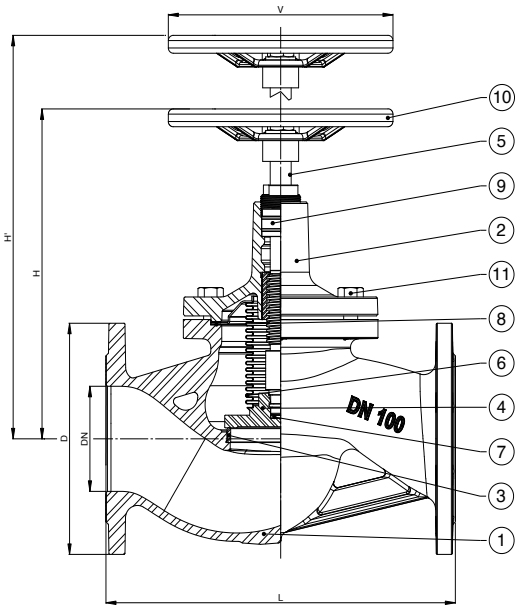
They are suitable for heat transfer systems, thermal power stations, industrial boilers and tanks, district heating plants, diathermic oil installations, etc.

MAINTENANCE FREE

TA-Luft APPROVED

Materiali | *Materials*

POS	COMPONENTE	*COMPONENTS*	*MATERIAL*
1	CORPO	*BODY*	*EN-GJS-400-18-LT*
2	CAPPELLO	*BONNET*	*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	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	H' mm	V mm	Kg -	Kv m³/h
15	95	130	165	175	100	2.98	4.6
20	105	150	165	175	100	3.61	7.3
25	115	160	175	185	100	4.41	11.7
32	140	180	180	190	125	5.94	16.8
40	150	200	220	235	150	8.91	26.7
50	165	230	220	235	150	11.03	42.6
65	185	290	300	320	200	19.1	77.9
80	200	310	300	320	200	21.6	111
100	220	350	310	345	225	27.9	177
125	250	400	350	390	250	41.8	262
150	285	480	400	445	350	55.2	368
200	340	600	470	535	400	104.3	664
250	405	730	585	660	500	171.5	1044

Condizioni di esercizio | *Working conditions*

PRESSIONE	*PRESSURE [bar]*	16	15.5	14.7	13.9	12.8	11.2
TEMPERATURA	*TEMPERATURE [°C]*	-20/+120	+150	+200	+250	+300	+350

Kv alla percentuale di alzata M54/R
Kv at stroke rate M54/R

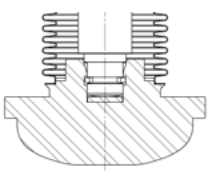
DN	15	20	25	32	40	50	65	80	100	125	150	200	250
20%	0.33	0.84	1.3	2.2	3.72	8.26	8.91	16.1	21.1	35.9	51.1	72	316
40%	0.99	1.77	2.81	4.53	7.24	14.2	18	30.9	40.4	60.9	109	143	554
60%	2.17	3.52	4.91	8.3	13.5	22.2	34.2	55.2	74.6	103	190	258	695
80%	3.27	5.47	7.64	12.5	19.8	30.8	53.8	80.4	117	154	252	377	776
100%	4.19	6.77	9.22	15.4	24.5	36.5	64.1	91.7	138	182	286	446	890

Limiti di utilizzo | *Limits of use*

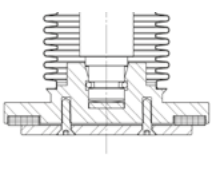
È necessario utilizzare una valvola a vite esterna con otturatore equilibrato (M64/EQ) quando la pressione differenziale supera i seguenti valori:
It is necessary to use an outside balanced disc (M64/EQ) when the differential pressure is over the following values:

DN	200	250
PRESSIONE	*PRESSURE [bar]*	14	9

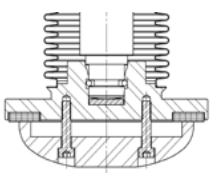
Varianti | *Variations*



M54 R
Otturatore parabolico
Parabolic disc



M54 T
Otturatore con guarnizione intercambiabile di PTFE (max 180°C)
Interchangeable PTFE gasket on the disc (max 180°C)



M54 RT
Otturatore parabolico con guarnizione intercambiabile di PTFE (max 180°C)
Parabolic disc with interchangeable PTFE gasket (max 180°C)

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