

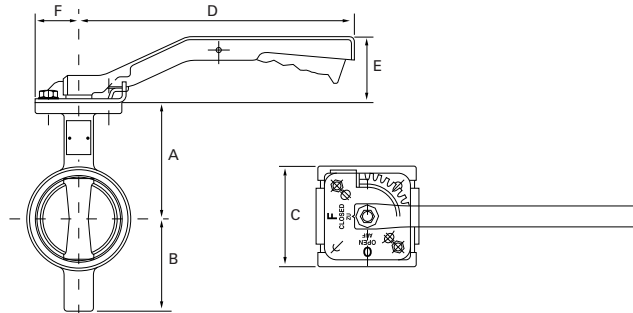
ΔΙΚΛΕΙΔΕΣ ΠΕΤΑΛΟΥΔΑΣ ΜΕ ΑΥΛΑΤΩΤΑ ΑΚΡΑ



CHRYSSAFIDIS



Miscellaneous, Valves, Butterfly Valves, 10 position handlever operated for HVAC applications



Tyco BSP Article Number	Nominal Size mm Inches	Pipe OD mm	Max. Wk Pressure Bar Psi	A mm	B mm	C mm	D mm	E mm	F mm	Lever Type	Approx Weight Kg
39101HV060	50 2	60.3	16 230	100	77.5	81	230	69	45	LC 4	1.9
39101HV073	65 2 1/2	73	16 230	105	82	97	230	69	45	LC 4	2.9
39101HV076	65 2 1/2	76.1	16 230	105	82	97	230	69	45	LC 4	2.9
39101HV089	80 3	88.9	16 230	112	90	97	230	69	45	LC 4	3.4
39101HV114	100 4	114.3	16 230	135	107	116	320	77	50	LC 12	5.3
39101HV139	125 5	139.7	16 230	147	121	148	320	77	50	LC 12	8.5
39101HV141	125 5	141.3	16 230	147	121	148	320	77	50	LC 12	8.5
39101HV165	150 6	165.1	16 230	180	150	148	420	77	50	LC 20	12.1
39101HV168	150 6	168.3	16 230	180	150	148	420	77	50	LC 20	12.1
39101HV219	200 8	219.1	16 230	204	172	133	420	77	50	LC 20	14.7

Note: maximum working temperature 110°C (230°F), recommended for mounting with Grinnell Rigid Couplings.

General notes: It is the Designer's responsibility to select products suitable for the intended service and to ensure that pressure ratings and performance data is not exceeded. Always read and understand the installation constructions. Never remove any piping components nor correct or modify any piping deficiencies without first depressurizing and draining the system. Material and seat selection should be verified to be compatible for the specific application.

Size	Flow Characteristics Cv values							
	20°	30°	40°	50°	60°	70°	80°	90°
2"	4	9.4	22	44	77	115	124	130
2.1/2"	5.7	14	32	62	112	161	182	190
3"	9	22	46	92	168	245	283	290
4"	15	35	76	150	264	440	569	600
5"	29	64	130	239	422	660	892	960
6"	44	98	215	430	740	1125	1395	1500
8"	82	192	395	790	1435	2335	3325	3650

The relation between Cv and Kv is: $Cv = \frac{7}{6} Kv$

Material Specification

Body:
Ductile iron ASTM A-536

Control shaft:
Stainless Steel AISI-420

Retainer plug:
Plated steel ASTM A-283 Gr B

Disc:
Ductile iron / EPDM coating

Spindle:
Stainless Steel AISI-420

O-ring:
EPDM

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General Description

The Figure 39101HV butterfly valve is a lever operated grooved butterfly valve, designed for use in heating and cooling applications. The long neck of the valve allows contractors to insulate the valve. It is recommended to install the Figure 39101HV butterfly with Grinnell Grooved Fig 577, 772 or 472 rigid couplings. It is capable of pressures up to 16,0 bar (235 psi). The temperature rating of the valve is -15°C / -110°C

Note

Rigid Couplings are recommended for installation of the Fig 39101HV butterfly valve.

Warning

The Figure 39101HV butterfly valve described herein must be installed and maintained in compliance with this document, in addition to the standards of any other authorities having jurisdiction. Failure to do so may impair the performance of this device. The owner is responsible for maintaining their system and devices in proper operating condition. The installing contractor of manufacturer should be contacted with any questions.

Technical Data

Sizes

2" to 8" (DN50 to DN200)

Maximum Pressure

16 Bar [235 psi]

Temperature rating

-15°C / -110°C

Actuator: Aluminium 10 position LC handlever
Valve equipped with ISO 5210/11 mounting plate to adapt any type of actuator.

Body:

Ductile iron conforming to ASTM-A-536, Grade 65-45-12
Painting process housing using Electrolysis method

Features painting process:

- Color: Black
- Thickness: 15 to 25 µm
- Salty mist resistance :> à 500 hours
- Temperature range: 350° dry atmosphere
- Sticking capability: Excellent on all surfaces
- Paint thickness is identical on all surfaces:
 - including sharp edges and bossing
 - high penetrant capability on raw castings
 - UV resistance: Good
- Environmental behavior: No lead, no chrome

Disc:

Ductile Iron / EPDM Coating

Control Shaft and Spindle:

Stainless steel AISI-420

Retainer Plug:

Plated steel ASTM A-283 Gr B

O-ring

EPDM

