

# Fig. 5973 & 5973G Fully-lugged Metrex Commissioning Sets Chilled Water



## FEATURES & BENEFITS

- Robust iron body materials for long service life
- Precise flow regulation and accurate measurement
- Flanged with handwheel – easy to install and operate
- Positive flow control at all handwheel settings

## MATERIAL SPECIFICATION

Component	Material	Specification	
		BS EN	ASTM
Valve	Figure 973 (see page 37 for materials)	-	-
Test Points	Figure 631	-	-
Extension Sleeve	Bronze	1982 CC491K	B62
Housing	Cast Iron	1561 EN-JLI040	A126 CI B
Orifice Plate	Stainless Steel	10088-1 XSCrNiMo 17-12-2	AISI 316



## PRESSURE/TEMPERATURE RATING

EPDM Seat  
16 bar from -10 to 120°C

## SERVICE RATING

Suitable for Chilled Water, LTHW and MTHW

## TEST PRESSURES

Shell: 24 bar  
Seat: 17.6 bar

## SPECIFICATION

A close coupled commissioning set comprising a lugged butterfly valve and metering station to offer all the advantages of the close coupled concept together with an accuracy of ±5% of flow rate.

Gear operation provides infinitely variable settings between fully open and closed positions.

The commissioning set is supplied as a single unit.

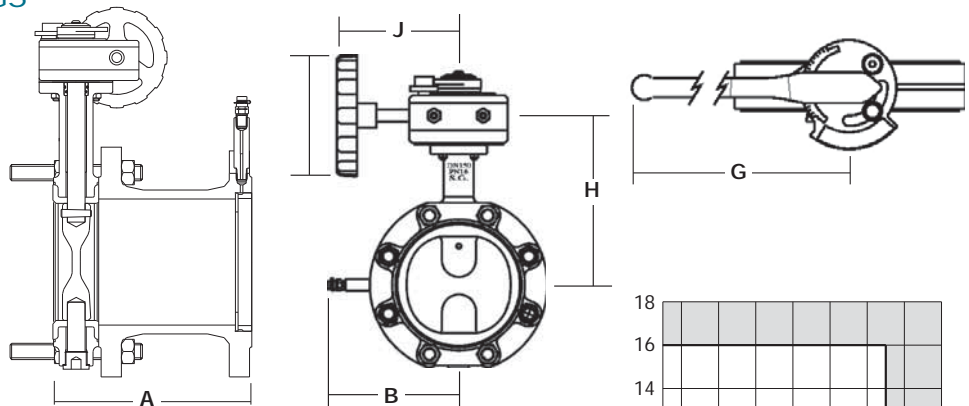
Supplied complete with Figure 631 test points and necessary bolting for connection of the valve end to the system.

Comprehensive flow charts available.

## NOTE

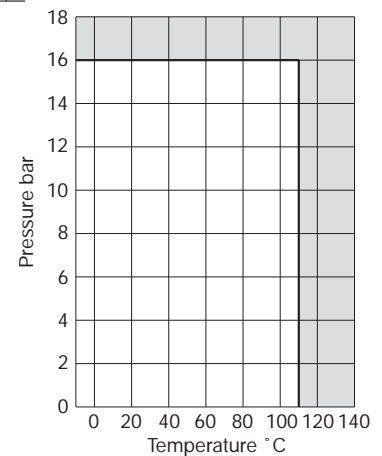
The valve should be not less than 30° open for regulation duties. Wrench operated version available in sizes 50 to 200mm. Figure 9973G available, stainless steel disc.

## DIMENSIONAL DRAWINGS



## DIMENSIONS & WEIGHTS

Nom Size	mm	50	65	80	100	125	150	200	250	300
A	mm	133	151	166	192	221	246	300	358	418
B	mm	135	145	160	165	180	190	225	255	275
H	mm	182	190	197	219	232	254	278	281	306
J	mm	123	123	123	123	123	123	123	228	228
K dia	mm	125	125	125	125	125	125	125	300	300
Weight (geared)	kg	13	15	21	26	33	45	69	94	131



For Commissioning Valve Coefficients please refer to pages 45-47.

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