Fig. 5973 & 5973G
Fully-lugged Metrex Commissioning Sets

FOCS

FEATURES & BENEFITS

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

MATERIAL SPECIFICATION

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

PRESSURE/ TEMPERATURE RATING

EPDM Seat
16 bar from -10 to 120ºC

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.

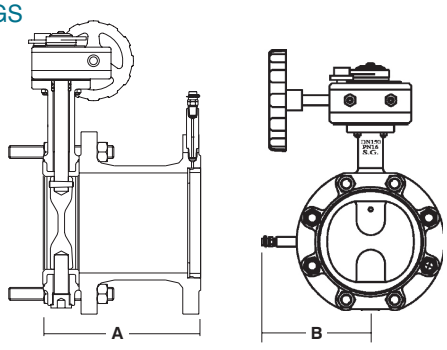
NOTE

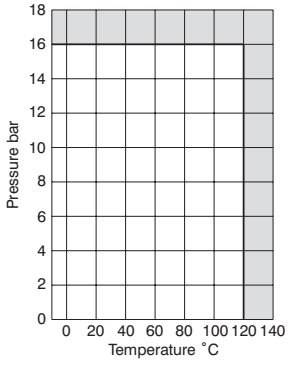
The valve should be not less than 30° open for regulation duties. Lever operated version available in sizes 50 to 200mm.

DIMENSIONAL DRAWINGS

NOTE

For overall butterfly dimensions please see Fig.973.





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
Weight (geared)	kg	13	15	21	26	33	45	69	94	131

For commissioning valve coefficients (Kv) please refer to relevant section in this brochure. (See Index)

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