



# Duplex D-Type Dual Basket Strainer 6" & 8" NB



## DUPLEX D-TYPE DUAL BASKET STRAINER 6" & 8" NB

Duplex D-Type strainers are used for pipelines operating continuously, where a single strainer cannot be used as the flow would have to be interrupted to clean the element. Twin filtration chambers each rated for 100% capacity and two disk type changeover valves operated by interconnected screwed shafts for simultaneous operation, **eliminate any possibility of shutting off the flow.**

**SPX Process Equipment**

Plenty House, Hambridge Road, Newbury, Berkshire, RG14 5TR

Telephone +44 (0)1635 42363 Facsimile +44 (0)1635 49758 Email [filters.plenty@processequipment.spx.com](mailto:filters.plenty@processequipment.spx.com) [www.plentyfiltration.com](http://www.plentyfiltration.com)



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## SPECIFICATIONS

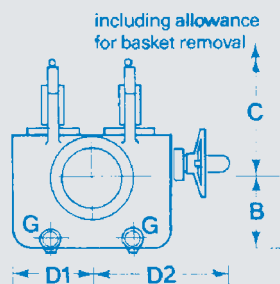
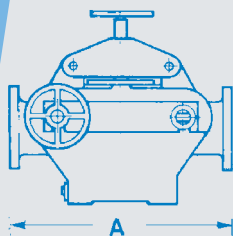
Bodies & Covers	Cast Iron BS 1452-260 Cast Steel ASTM-A216 WCB
Basket & Inserts	Mild Steel BS 1449 PART 1 (CR4) Stainless Steel 316
Design Pressure	Cast Iron flanged ASME B16.1 125FF, 150 PSIG at 38°C Cast Steel flanged ASME B16.5 300RF, 350 PSIG at 38°C
Maximum Temp	Cast Iron 121°C Cast Steel 200°C
Minimum Temp	Cast Iron 0°C Cast Steel 0°C

## FEATURES

- Quick release covers for ease of basket removal without the need for tools or lifting gear
- Resilient cover 'O' seals
- Robust basket support cages complete with replaceable mesh inserts (when required) reducing spares holding and operating cost
- Filtration - 2m dia. perforations down to 45 microns (coarser filtration available)
- External valve position indicators showing which chamber is on stream
- Replaceable valve seats
- Synchronised chain drive
- External pressure equalising valve
- Stainless steel disc valves and screwed shafts
- Single basket per chamber

## OPTIONS

- Internal protective coatings
- Automatic valve changeover operation
- Automatic backflushing facilities for both suction and discharge duties
- Cathodic protection for seawater service
- Reinforced baskets for withstanding high differential pressures
- Magnetic element assemblies
- Pleated baskets for higher filtration area
- DP gauges and switches
- Flanged vents and drains



## DIMENSIONS

Size (Bore)	Baskets	A	B	C	D1	D2	G	Weight
In mm	Per Unit	mm	mm	mm	mm	mm	BSPT	lb kg
6 150	2	835	343	699	401	705	1/2	1003 454
8 200	2	1016	343	788	401	705	1/2	1342 608

\* Vent and DP tapping are 3/8" BSPT as standard.  
Approximate dimensions only. Tolerance: Plus or Minus 1/8" (3mm)