

Specification

Nominal size/body angle
4" / 90°
Inlet connection
Flanged: 8 x 18mm holes on a 210mm PCD
Outlet connection
Flanged: 8 x 18mm holes on a 180mm PCD
Properties
With pneumatic actuator
Materials
Seating area: Superseat (alloy 625)
Contact parts: 316 stainless steel
Main seal: Fortyt

Alternatives are available, refer to the Design Options page

Design Conditions

Weight:	32.1 Kg
Design Pressure (MAWP):	4 Bar
Test Pressure:	6 Bar
Design Temperature min:	-40°C
Design Temperature max:	200°C

NOTE: The Design Conditions and Section View dimensions are for the specified part number only.

Approvals
BS EN14433

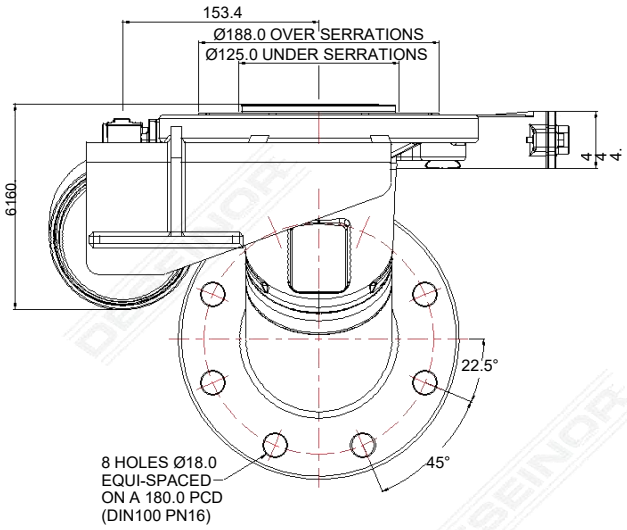
Range

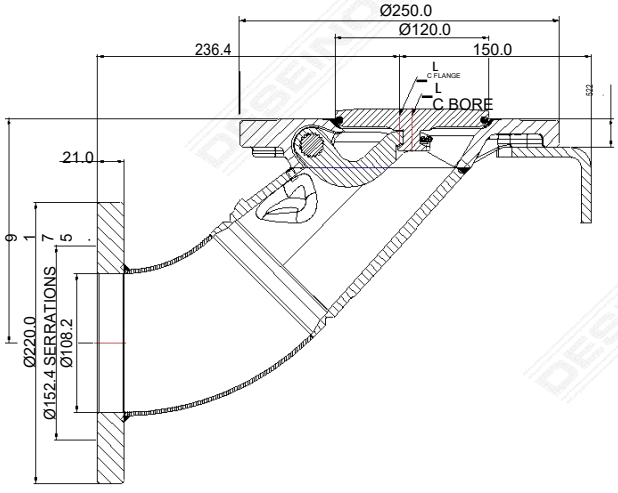
Description	Part No.
Standard valve	875/4800SS
With replaceable seat inlet	875/4800SSRX
With replaceable seat inlet, conical poppet, steam chamber	875/4800SSHRX

Related Parts

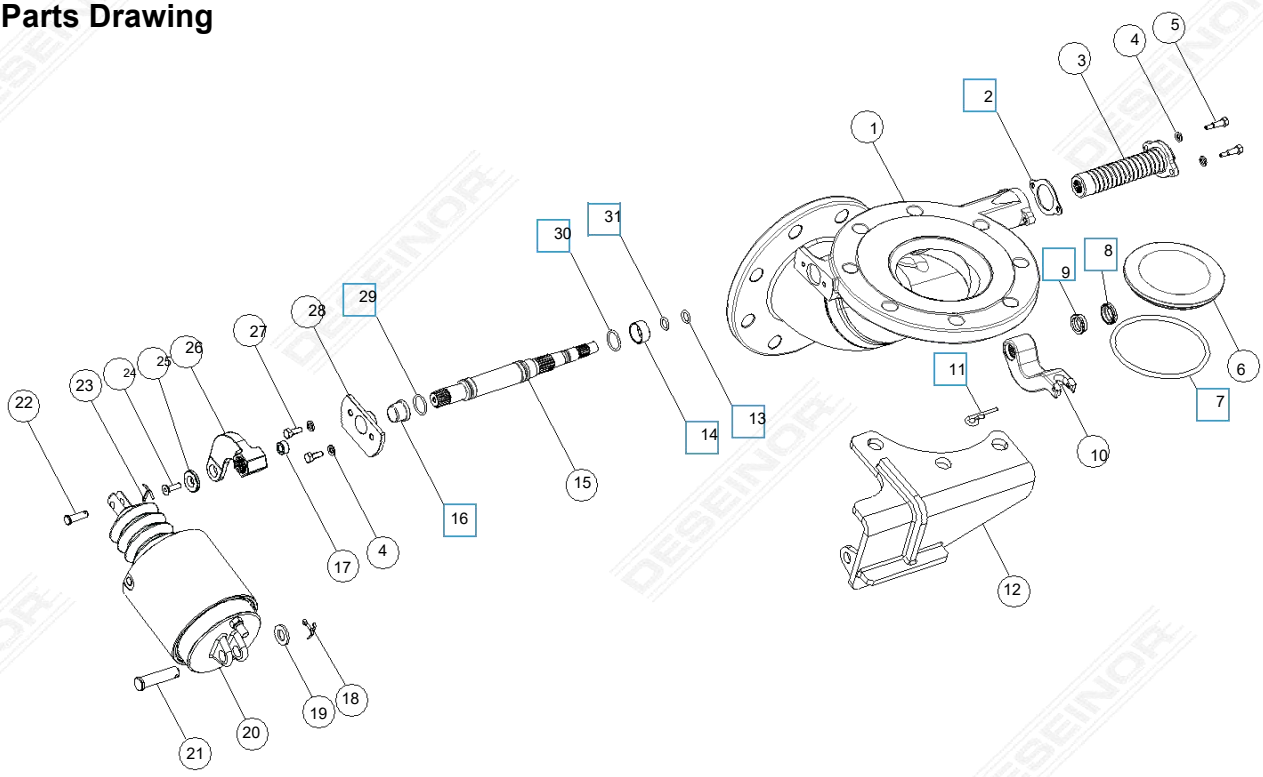
Description	Part No.
Weld-in flange	854/9000
Stud kit (875/4800SS only)	875/2044
CNAF/PTFE inlet gasket	5005-467
CNAF/PTFE outlet gasket	5005-468
Mating flange - DIN100 PN16	875/4150
Bolting kit for mating flange 875/4150	875/4160
Valve operation decal	845/0320

Section View





Parts Drawing



Parts List

Item	Description	Part No.	
1	Body	875/4110B	
2	Spring boss gasket	5005-846	☐
3	Spring assembly	875/0050	
4	Spring washer (4)	5113-008	
5	Clamp screw (2)	845/0017	
6	Poppet	875/0040	
7	Fortyt O ring	5005-349	☐
8	PTFE bottom bush seal	845/0064	☐
9	Bottom seal energizer	845/0063	☐
10	Lifting fork	875/0010	
11	Retaining pin	845/0015	☐
12	Pneumatic cylinder bracket	845/8064	
13	Perfluoroelastomer O ring	10133PHT	☐
14	PTFE spindle bearing	845/0062	☐
15	Main spindle	875/0200	
16	PTFE spindle stuffing seal	845/0061	☐
17	Bronze bush	844/2011	
18	Split pin	5220-008	
19	Plain washer	5113-006	
20	Pneumatic cylinder	875/2125	
21	Clevis pin	875/2122	
22	Clevis pin	875/2121	
23	Split pin	5118-016	
24	Countersunk bolt	5111-019	

Parts List

Item	Description	Part No.	
25	Retaining washer	20370/2	
26	Crank arm	844/2049	
27	Hex bolt (2)	5111-022	
28	Stuffing clamp flange	845/0066	
29	Viton O ring	5005-336	☐
30	Perfluoroelastomer O ring	5005-384	☐
31	PTFE O ring	5005-008	☐

Seal Kit

Description	Part No.
All parts marked ☐ in the Parts List	875/00SK



