

## Globe Valve Flanged

Fig. 5820/40

### Standard

Connection meet: EN1092-2  
 Size range: 25mm(1")~150mm(6")  
 Testing Standard: EN12266-1

### Technical data

Nominal pressure: 16 bar。  
 Size: DN25~DN150  
 Flow: Kvs 6.3~400m<sup>3</sup>/h  
 Testing pressure: Shell: 24 bar / Seal: 17.6bar  
 Leakage rate: direct: 0~0.02%Kvs  
                   by-pass: 0.5~2%Kvs (Kvs ≥6.3)  
 Media: Water, steam  
 Media PH: min 7, max 10  
 Temperature range: -10~150°C  
 Pressure compensation: Fig.5822  
 Stroke: 20/40mm  
 Actuators: ESX/ESVSeries

### Schema



### Specification

Part	Material	Standard
Body	Cast Iron(DN25-DN100)	HT250
	Ductile Iron(DN25-DN150)	QT400-18/QT450-10
Blind plate	Same as body	Same as body
Shaft	Stainless Steel	SS410
Seat	Same as body(Fig.5820/5840)	Same as body
	Stainless Steel(Fig.5822)	SS304
Trim	Brass(DN25)	CW617N
	Stainless Steel(DN32-DN150)	SS304
Shaft Seal	Brass	CW617N
	O-ring	EPDM
	Seal ring	PTFE
Seal	Stainless Steel	SS304
	EPDM	-

### Applications

As a regulating or stopping valve, it is suitable for boilers, central heating and cooling equipment, cooling towers, heating equipment, ventilation and air handling units.

Fig.5820/5840 for closed systems (note cavitation).

Fig.5822 for closed or open systems (beware of cavitation).

Dimensions

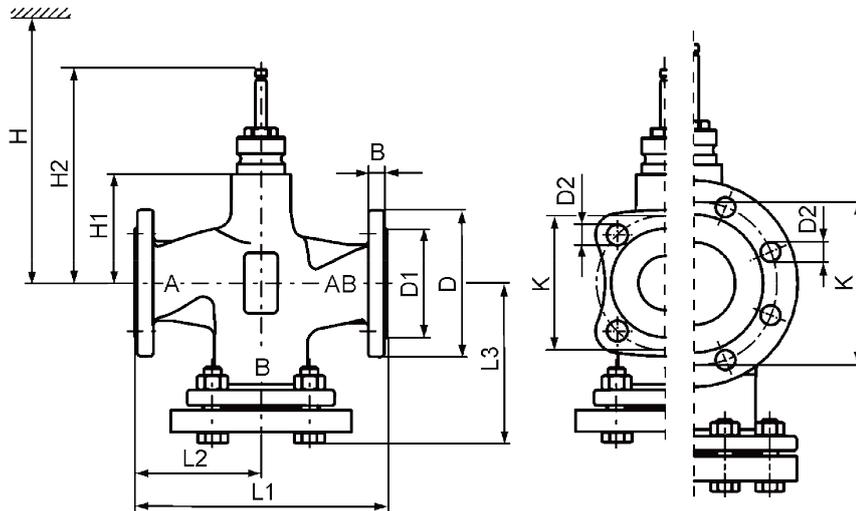


Fig.5820/5822

Model	DN	B	ΦD	ΦD1	ΦD2	L1	L2	L3	ΦK	H1	H2	H	
												ESX01	ESX02
Fig.5820	25	13	115	65	14(4x)	160	80	101.5	85	37	133.5	479	-
	32	15	140	76	19(4x)	180	90	116	100	38	133.5	479	-
	40	15	150	84	19(4x)	200	100	126	110	38	133.5	479	502
	50	16	165	99	19(4x)	230	115	144	125	51.5	146.5	492	516.5
	65	17	185	118	19(4x)	290	145	174	145	75	171.5	517	540
	80	19	200	132	19(8x)	310	155	186	160	75	171.5	517	540
	100	20	220	156	19(8x)	350	175	205	180	110	226.5	-	575
	125	15	250	184	19(8x)	400	200	228	210	123	239.5	-	588
Fig.5822	150	15	284	211	23(8x)	480	240	272.5	240	150.5	267	-	615.5
	65	17	185	118	19(4x)	290	145	174	145	75	171.5	517	540
	80	19	200	132	19(8x)	310	155	186	160	75	171.5	517	540
	100	20	220	156	19(8x)	350	175	206	180	110	226.5	-	575
	125	15	250	184	19(8x)	400	200	228	210	123	239.5	-	588

Dimensions

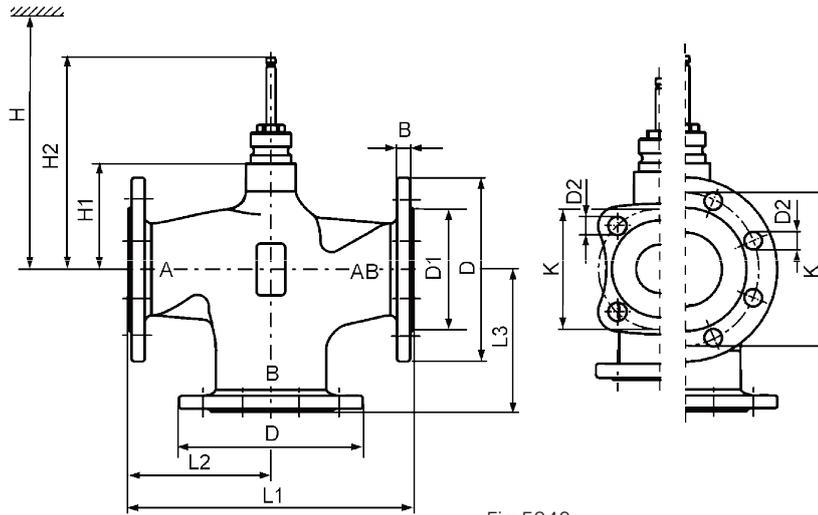


Fig.5840

Model	DN	B	ΦD	ΦD1	ΦD2	L1	L2	L3	ΦK	H1	H2	H	
												ESX01	ESX02
Fig.5840	25	13	115	65	14(4x)	160	80	80	85	37	133.5	479	502
	32	15	140	76	19(4x)	180	90	90	100	38	133.5	479	503
	40	15	150	84	19(4x)	200	100	100	110	38	133.5	479	503
	50	16	165	99	19(4x)	230	115	115	125	51.5	146.5	492	516.5
	65	17	185	118	19(4x)	290	145	145	145	75	171.5	517	540
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	125	15	250	184	19(8x)	400	200	200	210	123	239.5	-	588
150	15	284	211	23(8x)	480	240	240	240	150.5	267	-	615.5	

Weight:

	DN	25	32	40	50	65	80	100	125	150
Weight (Kg)	Fig.5820	5.0	7.4	8.9	11.9	16.7	26.6	36.5	45.7	63.6
	Fig.5822	-	-	-	-	16.7	26.9	36.7	44.4	65.0
	Fig.5840	4.1	6.1	7.1	9.5	13.9	21.5	31.1	38.4	53.6