

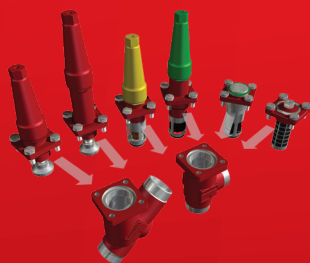
SVL Flexline™ code number selection guide

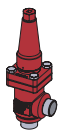
One platform Multiple options

SVL Flexline™ - the new range of line components for Industrial Refrigeration is based on the modular platform concept from the ICF and ICV valves. Flexibility is the key word and based on a common housing (angle- or straightway) the inserts in SVL platform offer five different functions. These code number tables provide an easy-to-use tool to help you select and order the right valves and components.

One

specification for the entire platform.
Approved for -60°C to +150°C, up to 52 bar.





Complete valves

SVA-S Shut-off valve - PS 52 Bar, -60°C +150°C

With cap

Connection size		Angle						Straight					
		DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ') butt weld	GOST Butt weld	DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ') butt weld	GOST Butt weld
[mm]	[in.]	D	A	SOC	FTP	F	G	D	A	SOC	FTP	F	G
6	¼	148B5001	148B5021					148B5011	148B5031				
10	¾	148B5101	148B5121					148B5111	148B5131				
15	½	148B5201	148B5221	148B5223	148B5225	See parts program table	See parts program table	148B5211	148B5231	148B5233	148B5235	See parts program table	See parts program table
20	¾	148B5301	148B5321	148B5323	148B5325			148B5311	148B5331	148B5333	148B5335		
25	1	148B5401	148B5421	148B5423	148B5425			148B5411	148B5431	148B5433	148B5435		
32	1¼	148B5501	148B5521	148B5523	148B5525			148B5511	148B5531	148B5533	148B5535		
40	1½	148B5601	148B5621	148B5623				148B5611	148B5631	148B5633			
50	2	148B5701	148B5721	148B5723				148B5711	148B5731	148B5733			
65	2½	148B5801	148B5821					148B5811	148B5831				
80	3	148B5901	148B5921					148B5911	148B5931				
100	4	148B6001	148B6021					148B6011	148B6031				
125	5	148B6101	148B6121					148B6111	148B6131				
150	6	148B6201	148B6221					148B6211	148B6231				
200	8	148B6301	148B6321					148B6311	148B6331				
								148B6436	148B6241	148B6211	148B6231		
						148B6437					148B6441		

With hand wheel

Connection size		Angle						Straight					
		DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ') butt weld	GOST Butt weld	DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ') butt weld	GOST Butt weld
[mm]	[in.]	D	A	SOC	FTP	F	G	D	A	SOC	FTP	F	G
6	¼	148B5000	148B5020					148B5010	148B5030				
10	¾	148B5100	148B5120					148B5110	148B5130				
15	½	148B5200	148B5220	148B5222	148B5224	See parts program table	See parts program table	148B5210	148B5230	148B5232	148B5234	See parts program table	See parts program table
20	¾	148B5300	148B5320	148B5322	148B5324			148B5310	148B5330	148B5332	148B5334		
25	1	148B5400	148B5420	148B5422	148B5424			148B5410	148B5430	148B5432	148B5434		
32	1¼	148B5500	148B5520	148B5522	148B5524			148B5510	148B5530	148B5532	148B5534		
40	1½	148B5600	148B5620	148B5622				148B5610	148B5630	148B5632			
50	2	148B5700	148B5720	148B5722				148B5710	148B5730	148B5732			
65	2½	148B5800	148B5820					148B5810	148B5830				
80	3	148B5900	148B5920					148B5910	148B5930				
100	4	148B6000	148B6020					148B6010	148B6030				
125	5	148B6100	148B6120					148B6110	148B6130				
150	6	148B6200	148B6220					148B6210	148B6230				
200	8	148B6300	148B6320					148B6310	148B6330				
								148B6434	148B6240	148B6210	148B6230		
						148B6435					148B6439		

SVA-L Shut-off valve - PS 52 Bar, -60°C +150°C

With cap

Connection size		Angle						Straight					
		DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ') butt weld	GOST Butt weld	DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ') butt weld	GOST Butt weld
[mm]	[in.]	D	A	SOC	FTP	F	G	D	A	SOC	FTP	F	G
15	½	148B5241	148B5261	148B5263	148B5265	See parts program table	See parts program table	148B5251	148B5271	148B5273	148B5275	See parts program table	See parts program table
20	¾	148B5341	148B5361	148B5363	148B5365			148B5351	148B5371	148B5373	148B5375		
25	1	148B5441	148B5461	148B5463	148B5465			148B5451	148B5471	148B5473	148B5475		
32	1¼	148B5541	148B5561	148B5563	148B5565			148B5551	148B5571	148B5573	148B5575		
40	1½	148B5641	148B5661	148B5663				148B5651	148B5671	148B5673			

With hand wheel

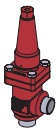
Connection size		Angle						Straight					
		DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ') butt weld	GOST Butt weld	DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ') butt weld	GOST Butt weld
[mm]	[in.]	D	A	SOC	FTP	F	G	D	A	SOC	FTP	F	G
15	½	148B5240	148B5260	148B5262	148B5264	See parts program table	See parts program table	148B5250	148B5270	148B5272	148B5274	See parts program table	See parts program table
20	¾	148B5340	148B5360	148B5362	148B5364			148B5350	148B5370	148B5372	148B5374		
25	1	148B5440	148B5460	148B5462	148B5464			148B5450	148B5470	148B5472	148B5474		
32	1¼	148B5540	148B5560	148B5562	148B5564			148B5550	148B5570	148B5572	148B5574		
40	1½	148B5640	148B5660	148B5662				148B5650	148B5670	148B5672			

For SVA-S/L valves in stainless steel; please download DKRCI.PD.K00.D from www.danfoss.com

Available kind of valve

- SVA-S:** The S means Standard bonnet length (sizes from DN50 to DN200 are insulation friendly)
- SVA-L:** The L means Long bonnet length (insulation friendly)

) For some sizes and temperature ranges F-connection has a reduced pressure approval - please see the data sheet DKRCI.PD.F00.A



Complete valves

SVA-DL Shut-off valve - PS up to 40 Bar, -60°C +150°C

With cap

Connection size		Angle						Straight					
		DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld	DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld
[mm]	[in.]	D	A	SOC	FTP	F	G	D	A	SOC	FTP	F	G
250	12	148B3760 ²⁾	148B3762 ²⁾										
300	12	148B3770 ²⁾	148B3772 ²⁾										

With hand wheel

Connection size		Angle						Straight					
		DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld	DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld
[mm]	[in.]	D	A	SOC	FTP	F	G	D	A	SOC	FTP	F	G
250	12	148B3761 ²⁾	148B3763 ²⁾										
300	12	148B3771 ²⁾	148B3773 ²⁾										

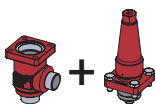
SVA-DH Shut-off valve - PS up to 40 Bar, -60°C +150°C

With cap

Connection size		Angle						Straight					
		DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld	DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld
[mm]	[in.]	D	A	SOC	FTP	F	G	D	A	SOC	FTP	F	G
250	12	148B3764 ²⁾	148B3766 ²⁾										
300	12	148B3774 ²⁾	148B3776 ²⁾										

With hand wheel

Connection size		Angle						Straight					
		DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld	DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld
[mm]	[in.]	D	A	SOC	FTP	F	G	D	A	SOC	FTP	F	G
250	12	148B3765 ²⁾	148B3767 ²⁾										
300	12	148B3775 ²⁾	148B3777 ²⁾										



Parts program

SVA-S Shut-off valve - PS 52 Bar, -60°C +150°C

Parts program

Connection size		Angle housing						Straight housing						Insert	
		DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld	DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld	Cap	Hand wheel
[mm]	[in.]	D	A	SOC	FTP	F	G	D	A	SOC	FTP	F	G		
6	¼	148B5002	148B5004					148B5003	148B5005						
10	⅜	148B5122	148B5124				148B5134	148B5123	148B5125				148B5135	148B5013	148B5014
15	½	148B5252	148B5254	148B5256	148B5258	148B6414	148B5391	148B5253	148B5255	148B5257	148B5259	148B6424	148B5392	148B5276	148B5277
20	¾	148B5352	148B5354	148B5356	148B5358	148B6415	148B5393	148B5353	148B5355	148B5357	148B5359	148B6425	148B5394		
25	1	148B5452	148B5454	148B5456	148B5458	148B6416	148B5498	148B5453	148B5455	148B5457	148B5459	148B6426	148B5499		
32	1¼	148B5576	148B5578	148B5580	148B5582	148B6417	148B5593	148B5577	148B5579	148B5581	148B5583	148B6427	148B5594	148B5476	148B5477
40	1½	148B5652	148B5654	148B5656		148B6418	148B5681	148B5653	148B5655	148B5657		148B6428	148B5682		
50	2	148B5741	148B5743	148B5745		148B6419	148B5759	148B5742	148B5744	148B5746		148B6429	148B5760	148B5728	148B5729
65	2½	148B5816	148B5818			148B6420	148B5816	148B5817	148B5819			148B6430	148B5817	148B5822	148B5823
80	3	148B5912	148B5914			148B6421	148B5912	148B5913	148B5915			148B6431	148B5913	148B5916	148B5917
100	4	148B6014	148B6016			148B6422	148B6033	148B6015	148B6017			148B6432	148B6034	148B6012	148B6018
125	5	148B6112	148B6114			148B6423	148B6133	148B6113	148B6115			148B6433	148B6134	148B6116	148B6117
150	6														
200	8														

For valves of these sizes; please order complete valves

SVA-L Shut-off valve - PS 52 Bar, -60°C +150°C

Parts program

Connection size		Angle housing						Straight housing						Insert	
		DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld	DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld	Cap	Hand wheel
[mm]	[in.]	D	A	SOC	FTP	F	G	D	A	SOC	FTP	F	G		
15	½	148B5252	148B5254	148B5256	148B5258	148B6414	148B5391	148B5253	148B5255	148B5257	148B5259	148B6424	148B5392	148B5278	148B5279
20	¾	148B5352	148B5354	148B5356	148B5358	148B6415	148B5393	148B5353	148B5355	148B5357	148B5359	148B6425	148B5394		
25	1	148B5452	148B5454	148B5456	148B5458	148B6416	148B5498	148B5453	148B5455	148B5457	148B5459	148B6426	148B5499		
32	1¼	148B5576	148B5578	148B5580	148B5582	148B6417	148B5593	148B5577	148B5579	148B5581	148B5583	148B6427	148B5594	148B5478	148B5479
40	1½	148B5652	148B5654	148B5656		148B6418	148B5681	148B5653	148B5655	148B5657		148B6428	148B5682		

¹⁾ For some sizes and temperature ranges F-connection has a reduced pressure approval - please see the data sheet DKRCI.PD.F00.A
²⁾ PS up to 40 bar. For exact temperature / pressure correlation, please download DKRCI.PD.KG0.5 from www.danfoss.com



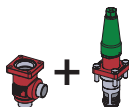
Complete Valves

SCA-X Stop & check valve - PS 52 Bar, -60°C +150°C

With cap only

Connection size		Angle						Straight					
		DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld	DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld
[mm]	[in.]	D	A	SOC	FTP	F	G	D	A	SOC	FTP	F	G
15	½	148B5208	148B5209	See parts program table	See parts program table	See parts program table	See parts program table	See parts program table	See parts program table	See parts program table	See parts program table	See parts program table	See parts program table
20	¾	148B5308	148B5309										
25	1	148B5408	148B5409										
32	1¼	148B5508	148B5509										
40	1½	148B5608	148B5609	148B5704									
50	2	148B5702	148B5703										
65	2½	148B5803	148B5802										
80	3	148B5902	148B5903										
100	4	148B6002	148B6004										
125	5	148B6102	148B6103										

For SCA-X valves in stainless steel; please download DKRCI.PD.K00.D from www.danfoss.com



Parts program

SCA-X Stop & check valve - PS 52 Bar, -60°C +150°C

Parts program

Connection size		Angle housing						Straight housing						Insert
		DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld	DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld	Cap
[mm]	[in.]	D	A	SOC	FTP	F	G	D	A	SOC	FTP	F	G	
15	½	148B5252	148B5254	148B5256	148B5258	148B6414	148B5391	148B5253	148B5255	148B5257	148B5259	148B6424	148B5392	148B5282
20	¾	148B5352	148B5354	148B5356	148B5358	148B6415	148B5393	148B5353	148B5355	148B5357	148B5359	148B6425	148B5394	
25	1	148B5452	148B5454	148B5456	148B5458	148B6416	148B5498	148B5453	148B5455	148B5457	148B5459	148B6426	148B5499	148B5482
32	1¼	148B5576	148B5578	148B5580	148B5582	148B6417	148B5593	148B5577	148B5579	148B5581	148B5583	148B6427	148B5594	
40	1½	148B5652	148B5654	148B5656		148B6418	148B5681	148B5653	148B5655	148B5657		148B6428	148B5682	148B5735
50	2	148B5741	148B5743	148B5745		148B6419	148B5759	148B5742	148B5744	148B5746		148B6429	148B5760	
65	2½	148B5816	148B5818			148B6420	148B5816	148B5817	148B5819			148B6430	148B5817	148B5825
80	3	148B5912	148B5914			148B6421	148B5912	148B5913	148B5915			148B6431	148B5913	148B5918
100	4	148B6014	148B6016			148B6422	148B6033	148B6015	148B6017			148B6432	148B6034	148B6019
125	5	148B6112	148B6114			148B6423	148B6133	148B6113	148B6115			148B6433	148B6134	148B6118

¹⁾ For some sizes and temperature ranges F-connection has a reduced pressure approval - please see the data sheet DKRCI.PD.F00.A



Complete Valves

CHV-X Check valve - PS 52 Bar, -60°C +150°C

Connection size		Angle						Straight					
		DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld	DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld
[mm]	[in.]	D	A	SOC	FTP	F	G	D	A	SOC	FTP	F	G
15	½	148B5236	148B5237	See parts program table	See parts program table	See parts program table	See parts program table	148B6581	148B6582	148B6601	See parts program table	See parts program table	See parts program table
20	¾	148B5336	148B5337					148B6583	148B6584	148B6602			
25	1	148B5436	148B5437	148B5539	148B5740			148B6585	148B6586	148B6603			
32	1¼	148B5536	148B5537					148B6587	148B6588	148B6604			
40	1½	148B5636	148B5637					148B6589	148B6590	148B6605			
50	2	148B5736	148B5737					148B6591	148B6592	148B6606			
65	2½	148B5838	148B5837					148B6593	148B6594				
80	3	148B5936	148B5937					148B6595	148B6596				
100	4	148B6036	148B6037					148B6597	148B6598				
125	5	148B6136	148B6137					148B6599	148B6600				

For CHV-X valves in stainless steel; please download DKRCI.PD.K00.D from www.danfoss.com



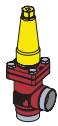
Parts Program

CHV-X Check valve - PS 52 Bar, -60°C +150°C

Parts program

Connection size		Angle housing						Straight housing						Insert
		DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld	DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld	
[mm]	[in.]	D	A	SOC	FTP	F	G	D	A	SOC	FTP	F	G	
15	½	148B5252	148B5254	148B5256	148B5258	148B6414	148B5391	148B5253	148B5255	148B5257	148B5259	148B6424	148B5392	148B5283
20	¾	148B5352	148B5354	148B5356	148B5358	148B6415	148B5393	148B5353	148B5355	148B5357	148B5359	148B6425	148B5394	
25	1	148B5452	148B5454	148B5456	148B5458	148B6416	148B5498	148B5453	148B5455	148B5457	148B5459	148B6426	148B5499	148B5483
32	1¼	148B5576	148B5578	148B5580	148B5582	148B6417	148B5593	148B5577	148B5579	148B5581	148B5583	148B6427	148B5594	
40	1½	148B5652	148B5654	148B5656		148B6418	148B5681	148B5653	148B5655	148B5657		148B6428	148B5682	148B5747
50	2	148B5741	148B5743	148B5745		148B6419	148B5759	148B5742	148B5744	148B5746		148B6429	148B5760	
65	2½	148B5816	148B5818			148B6420	148B5816	148B5817	148B5819			148B6430	148B5817	148B5827
80	3	148B5912	148B5914			148B6421	148B5912	148B5913	148B5915			148B6431	148B5913	148B5919
100	4	148B6014	148B6016			148B6422	148B6033	148B6015	148B6017			148B6432	148B6034	148B6022
125	5	148B6112	148B6114			148B6423	148B6133	148B6113	148B6115			148B6433	148B6134	148B6119

¹⁾ For some sizes and temperature ranges F-connection has a reduced pressure approval - please see the data sheet DKRCI.PD.F00.A



Complete Valves

REG-SA/SB Regulating valve - PS 52 Bar, -60°C +150°C

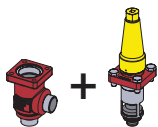
REG-SA with cap only

Connection size	K _v value	Angle						Straight									
		DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld	DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld				
		D	A	SOC	FTP	F	G	D	A	SOC	FTP	F	G				
10	3/8	0.15	148B5102	148B5106													
15	1/2	1.5	148B5226	148B5202	148B5204	148B5206	See parts program table	See parts program table	148B5104	148B5116	148B5214	148B5216	See parts program table	See parts program table			
20	3/4	1.5	148B5326	148B5302	148B5304	148B5306			148B5228	148B5212	148B5214	148B5216					
25	1	7	148B5426	148B5402	148B5404	148B5406			148B5328	148B5312	148B5314	148B5316					
32	1 1/4	7	148B5527	148B5502	148B5504	148B5506			148B5428	148B5412	148B5414	148B5416					
40	1 1/2	7	148B5627	148B5602	148B5604				148B5528	148B5512	148B5514	148B5516					

REG-SB with cap only

Connection size	K _v value	Angle						Straight									
		DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld	DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld				
		D	A	SOC	FTP	F	G	D	A	SOC	FTP	F	G				
10	3/8	0.6	148B5103	148B5107													
15	1/2	5	148B5227	148B5203	148B5205	148B5207	See parts program table	See parts program table	148B5105	148B5117	148B5215	148B5217	See parts program table	See parts program table			
20	3/4	5	148B5327	148B5303	148B5305	148B5307			148B5229	148B5213	148B5215	148B5217					
25	1	20	148B5427	148B5403	148B5405	148B5407			148B5329	148B5313	148B5315	148B5317					
32	1 1/4	20	148B5526	148B5503	148B5505	148B5507			148B5429	148B5413	148B5415	148B5417					
40	1 1/2	20	148B5626	148B5603	148B5605				148B5529	148B5513	148B5515	148B5517					
50	2	45	148B5726	148B5706	148B5727												
65	2 1/2	80	148B5826	148B5806													

For REG-SA/SB valves in stainless steel; please download DKRCI.PD.K00.D from www.danfoss.com



Parts Program

REG-SA / REG-LA Regulating valve - PS 52 Bar, -60°C +150°C

Parts program

Connection size	K _v value	Angle housing						Straight housing						Insert		
		DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld	DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld	Cap	Cap	
		D	A	SOC	FTP	F	G	D	A	SOC	FTP	F	G	REG-SA	REG-LA	
10	3/8	0.15	148B5122	148B5124												
15	1/2	1.5	148B5252	148B5254	148B5256	148B5258	148B6414	148B5391	148B5253	148B5255	148B5257	148B5259	148B6424	148B5392	148B5280	148B6401
20	3/4	1.5	148B5352	148B5354	148B5356	148B5358	148B6415	148B5393	148B5353	148B5355	148B5357	148B5359	148B6425	148B5394		
25	1	7	148B5452	148B5454	148B5456	148B5458	148B6416	148B5498	148B5453	148B5455	148B5457	148B5459	148B6426	148B5499		
32	1 1/4	7	148B5576	148B5578	148B5580	148B5582	148B6417	148B5593	148B5577	148B5579	148B5581	148B5583	148B6427	148B5594	148B5480	148B6403
40	1 1/2	7	148B5652	148B5654	148B5656		148B6418	148B5681	148B5653	148B5655	148B5657		148B6428	148B5682		

REG-SB / REG-LB Regulating valve - PS 52 Bar, -60°C +150°C

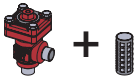
Parts program

Connection size	K _v value	Angle housing						Straight housing						Insert		
		DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld	DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld	Cap	Cap	
		D	A	SOC	FTP	F	G	D	A	SOC	FTP	F	G	REG-SB	REG-LB	
10	3/8	0.6	148B5122	148B5124												
15	1/2	5	148B5252	148B5254	148B5256	148B5258	148B6414	148B5391	148B5253	148B5255	148B5257	148B5259	148B6424	148B5392	148B5281	148B6402
20	3/4	5	148B5352	148B5354	148B5356	148B5358	148B6415	148B5393	148B5353	148B5355	148B5357	148B5359	148B6425	148B5394		
25	1	20	148B5452	148B5454	148B5456	148B5458	148B6416	148B5498	148B5453	148B5455	148B5457	148B5459	148B6426	148B5499		
32	1 1/4	20	148B5576	148B5578	148B5580	148B5582	148B6417	148B5593	148B5577	148B5579	148B5581	148B5583	148B6427	148B5594	148B5481	148B6404
40	1 1/2	20	148B5652	148B5654	148B5656		148B6418	148B5681	148B5653	148B5655	148B5657		148B6428	148B5682		
50	2	45	148B5741	148B5743	148B5745		148B6419	148B5759	148B5742	148B5744	148B5746		148B6429	148B5760	148B5734	
65	2 1/2	80	148B5816	148B5818			148B6420	148B5816	148B5817	148B5819			148B6430	148B5817	148B5824	

Available kind of valve

- REG-SA:** The S means Standard bonnet length - The A means A Cone (designed for expansion valves)
- REG-SB:** The S means Standard bonnet length - The B means B Cone (designed for regulating purposes e.g. liquid lines)
- REG-LA:** The L means Long bonnet length (insulation friendly) - The A means A Cone (designed for expansion valves)
- REG-LB:** The L means Long bonnet length (insulation friendly) - The B means B Cone (designed for regulating purposes e.g. liquid lines)

¹⁾ For some sizes and temperature ranges F-connection has a reduced pressure approval - please see the data sheet DKRCI.PD.F00.A



Complete Valves



FIA Strainer - PS 52 Bar, -60°C +150°C

FIA without strainer insert

Connection size		Angle						Straight							
		DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld	DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld		
		D	A	SOC	FTP	F	G	D	A	SOC	FTP	F	G		
15	½	148B5242	148B5244	148B5245	148B5246	See parts program table	See parts program table	148B5243	148B5247	148B5248	148B5249	See parts program table	See parts program table		
20	¾	148B5342	148B5344	148B5345	148B5346			148B5343	148B5347	148B5348	148B5349				
25	1	148B5442	148B5444	148B5445	148B5446			148B5443	148B5447	148B5448	148B5449				
32	1½	148B5543	148B5545	148B5546	148B5547			148B5544	148B5552	148B5548	148B5549				
40	2	148B5624	148B5642	148B5643				148B5625	148B5644	148B5645					
50	2½	148B5712	148B5714	148B5715				148B5713	148B5716	148B5717					
65	3	148B5812	148B5814					148B5813	148B5815						
80	4	148B5905	148B5907					148B5906	148B5908						
100	5	148B6006	148B6008					148B6007	148B6009						
125	6	148B6105	148B6107					148B6106	148B6108						
150	8	148B6202	148B6204					148B6442	148B6206	148B6203	148B6205			148B6444	148B6207
200	12	148B6302	148B6304					148B6443	148B6303	148B6305				148B6445	

Please note: You have to order FIA strainer without strainer insert + FIA strainer insert + accessories

For FIA in stainless steel; please download DKRCI.PD.K00.D from www.danfoss.com

FIA 250-300 Strainer - PS up to 40 Bar, -60°C +150°C

FIA 250-300 without strainer insert

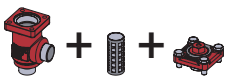
Connection size		Angle						Straight					
		DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld	DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld
		D	A	SOC	FTP	F	G	D	A	SOC	FTP	F	G
250	10	148H3171 ²⁾	148H3173 ²⁾										
300	12	148H3172 ²⁾	148H3174 ²⁾										

FIA strainer insert

For FIA size		100µ	150µ	250µ	500µ	Pleated 150µ	Pleated 250µ	Pleated 500µ
[mm]	[in.]	150 mesh	100 mesh	72 mesh	38 mesh	100 mesh	72 mesh	38 mesh
15	½							
20	¾	148H3122	148H3124	148H3126	148H3128	148H3303	148H3363	
25	1							
32	1½	148H3123	148H3125	148H3127	148H3129	148H3304	148H3269	
40	2							
50	2½	148H3157	148H3130	148H3138	148H3144	148H3179	148H3184	148H3189
65	3		148H3131	148H3139	148H3145	148H3180	148H3185	148H3190
80	4		148H3119	148H3120	148H3121	148H3181	148H3186	148H3191
100	5		148H3132	148H3140	148H3146	148H3182	148H3187	148H3192
125	6		148H3133	148H3141	148H3147	148H3183	148H3188	148H3193
150	8		148H3134	148H3142	148H3148	148H3226		
200	10		148H3135	148H3143	148H3149	148H3297		
250	12		148H3136	148H3175				
300	12		148H3137	148H3176				

Accessories

For FIA size		Magnet insert	Filter bag	Purge valve complete	Blind nut with gasket	Filter element ³⁾
[mm]	[in.]					µ150 + µ50
15	½					
20	¾					148H3301
25	1					
32	1½					148H3302
40	2					
50	2½		148H3150			
65	3		148H3151			
80	4	148H3447	148H3152	148B3745	148H3450	
100	5		148H3153			
125	6		148H3154			
150	8	148H3448	148H3155			
200	12		148H3156			



Parts Program

FIA Strainer (steel only) - PS 52 Bar, -60°C +150°C

Parts program

Connection size		Angle housing						Straight housing						Top cover
		DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld	DIN Butt weld	ANSI Butt weld	Socket weld	Female pipe thread	F-con. ¹⁾ butt weld	GOST Butt weld	
		D	A	SOC	FTP	F	G	D	A	SOC	FTP	F	G	
15	½	148B5252	148B5254	148B5256	148B5258	148B6414	148B5391	148B5253	148B5255	148B5257	148B5259	148B6424	148B5392	148B5284
20	¾	148B5352	148B5354	148B5356	148B5358	148B6415	148B5393	148B5353	148B5355	148B5357	148B5359	148B6425	148B5394	
25	1	148B5452	148B5454	148B5456	148B5458	148B6416	148B5498	148B5453	148B5455	148B5457	148B5459	148B6426	148B5499	
32	1½	148B5576	148B5578	148B5580	148B5582	148B6417	148B5593	148B5577	148B5579	148B5581	148B5583	148B6427	148B5594	148B5484
40	2	148B5652	148B5654	148B5656		148B6418	148B5681	148B5653	148B5655	148B5657		148B6428	148B5682	
50	2½	148B5741	148B5743	148B5745		148B6419	148B5759	148B5742	148B5744	148B5746		148B6429	148B5760	
65	3	148B5816	148B5818			148B6420	148B5816	148B5817	148B5819			148B6430	148B5817	148B5748
80	4	148B5912	148B5914			148B6421	148B5912	148B5913	148B5915			148B6431	148B5913	
100	5	148B6014	148B6016			148B6422	148B6033	148B6015	148B6017			148B6432	148B6034	
125	6	148B6112	148B6114			148B6423	148B6133	148B6113	148B6115			148B6433	148B6134	148B6024
														148B6122

Please note: You have to order FIA strainer housing + FIA strainer insert + top cover + accessories

¹⁾ For some sizes and temperature ranges F-connection has a reduced pressure approval - please see the data sheet DKRCI.PD.F00.A

²⁾ For exact temperature / pressure correlation, please download DKRCI.PD.FN0.C from www.danfoss.com

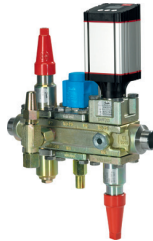
³⁾ With removable element µ50 for the first start up

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