

works number	qty	Type	DN*	inlet Dia	outlet dia	PN	Body material	liquid	temp °C / F	year	customer	country
20530		SSV10	12"	16"	16"	ANSI150	2.0975	sea water	32 °C		no information given	United Arab Emirates
22706	3	SSV10	8"	8"	8"	ANSI1500	1.4462	sea water	20 °C	1989	KSB	France
23583	3	SSV10	8"	8"	8"	ANSI150	Alu Bronze	sea water	20 °C	1991	Pontigelli Freres	France
23913	2	SMA63	125	125	125	PN320	1.0460	injection water	20 °C	1991	KSB Mörck	Sweden
24182		SSV45	12"	12"	12"	ANSI150	1.4462	sea water	12 °C	2000	Ubel B.V.	Netherlands
25317	1	SSV10	12"	16"	16"	ANSI150	1.4470	sea water	20 °C	1994	Bergerat Monnoyeur	France
25427	1	SMA63	5"	5"	5"	ANSI2500	1.0460	injection water	38 °C	1994	KSB USA	United States
25478	3	SMA63	6"	6"	6"	ANSI2500	1.0460	sea water	20 °C	1994	Camp de Cobo	Angola
25478	3	SMA63	6"	6"	6"	ANSI2500	1.4462	sea water	20 °C	1994	Ingersoll Dresser Pompes	France
25494	3	SSV10	8"	10"	10"	ANSI150	1.4462	sea water	20 °C	1994	Ensival	France
25606	3	SSV10	6"	6"	6"	ANSI150	1.4462	sea water	30 °C	1994	Ingersoll Dresser Pompes	France
25797	1	SSV12	12"	16"	16"	ANSI150	1.4470	sea water	35 °C	1905	no information given	Saudi Arabia
26055	4	SMA63	150	150	150	PN250	1.0460	injection water	42 °C	1995	China Steel Co.	Taiwan
26098	2	SMA63	80			PN250	1.0460	injection water	20 °C	1995	MDS Korea	Korea
26099	2	SMA63	80			PN250	1.0460	injection water	20 °C	1995	MDS Korea	Korea
26252	1	SMA63	80			PN250	1.0460	injection water	20 °C	1995	MDS Korea	Korea
26306	1	SMA63	6"	6"	6"	ANSI2500	1.4462	sea water	20 °C	1996	Elf Exploration	Angola
26435	3	SMA63	6"	3"	3"	ANSI1500	1.0460	injection water	20 °C	1996	MDS-Indien	India
26874	2	SMA63	80	80	80	PN320	1.0460	injection water	45 °C	1997	MDS-Indien	India
27190	1	SMA63	150			PN250	1.0460	injection water	42 °C	1997	China Steel Co.	Taiwan
27889	2	SSV10	8"	12"	12"	ANSI150	1.4501	sea water	32 °C	1998	Weir Pumps Limited	Great Britain
29522	2	SSV10	12"	14"	14"	ANSI150	2.4471	sea water	35 °C	2001	Flowserve	Italy
29581	2	SSV10	12"	12"	12"	ANSI150	1.4462	sea water	20 °C	2001	Sulzer Pompes	France
29582	1	SSV10	12"	12"	12"	ANSI150	1.4462	sea water	20 °C	2001	Sulzer Pompes	France
29910	1	SMA63	6"			ANSI1500	1.0460	injection water	20 °C	1996	MDS-Indien	India
31595	3	SMA63	6"	6"	6"	ANSI2500	1.4462	sea water	20 °C	2005	Elf Exploration	Angola
30703	2	SSV10	6"	6"	6"	ANSI1500	1.4462	sea water	45 °C	2003	CNOOC China Ltd.	People's Republic of China
30704	2	SSV10	6"	6"	6"	ANSI1500	1.4462	sea water	45 °C	2003	CNOOC China Ltd.	People's Republic of China
30705	2	SSV10	6"	6"	6"	ANSI1500	1.4462	sea water	45 °C	2003	CNOOC China Ltd.	People's Republic of China
30706	2	SSV10	6"	6"	6"	ANSI1500	1.4462	sea water	45 °C	2004	CNOOC China Ltd.	People's Republic of China
30707	2	SSV10	5"	5"	5"	ANSI1500	1.4301	sea water	45 °C	2004	CNOOC China Ltd.	People's Republic of China
30792	1	SSV18	65	65	65	PN40	1.0460	fire fighting water	25 °C	2003	KSB AG	Germany
30888	3	SSV46	12"	12"	12"	ANSI150	1.4462	sea water	30 °C	2004	WET Western Energy Technology	Singapore
30898	3	SSV46	12"	12"	12"	ANSI150	1.4471	sea water	40 °C	2004	YEMGAS	Yemen
30945	2	SSV42	100	100	100	PN16	1.4462	sea water	20 °C	2004	BASE NAVALE DE TOULON/ARSENAL.	France
30946	4	SSV40	50	40	50	PN16	1.4462	sea water	20 °C	2004	BASE NAVALE DE TOULON/ARSENAL.	France
30965	2	SSV10	2,5"	3"	3"	ANSI150	1.4501	sea water	20 °C	2004	Flowserve Pompes	France
31017	4	SSV48	16"	16"	16"	ANSI150	1.4469	sea water	15 °C	2004	Frank Mohn Flatoy A/S	Norway
31036	1	SMA63	6"	6"	6"	ANSI2500	1.4462	sea water	20 °C	2004	Flowserve	France
31103	3	SSV46	14"	18"	18"	ANSI150	2.0966	sea water	24 °C	2004	Frank Mohn Flatoy A/S	Norway
31248	1	SSV10	5"	6"	6"	ANSI900	1.4541	sea water	40 °C	2004	Flowserve S.A.	Argentina
31262	2	SSV12	12"	12"	12"	ANSI300	1.0460	produced water	71 °C	2004	Petresco International Inc.	United States
31484	6	SSV10	4"	4"	4"	ANSI1500	1.4462	sea water	30 °C	2005	FRANCARE	France

## Schroeder Valves reference list

05.03.2015

page 2 of 4

31517	2	SSV10	50	50	50	PN63	1.4301	sea water	20 °C	2005	KSB S.A.	France
31622	1	SSV10	100	100	100	PN40	1.0460	fire fighting water	20 °C	2005	Van Wijk & Boerma Firepacks BV	Netherlands
31812	6	SSV10	3"	3"	3"	ANSI1500	1.4501	brackish water	45 °C	2006	Kala Naft Co. Tehran	Iran
31834	2	SSV18	150	150	150	PN16	1.0460	fire fighting water	30 °C	2005	Gemeinschaftskraftwerk Veltheim	Germany
31859	1	SSV10	4"	4"	4"	ANSI1500	1.4462	sea water	30 °C	2005	U.M.H.S.	France
31869	1	SSV10	8"	8"	8"	ANSI1500	1.4462	sea water	20 °C	2006	Total E&P Angola PAZFLOR CENTRAL	Angola
31932	1	SSV12	12"	18"	18"	ANSI300	1.4470	brackish water	30 °C	2006	2 H ENERGY	France
31933	1	SSV12	12"	18"	18"	ANSI300	1.4470	brackish water	30 °C	2006	2 H ENERGY	France
32048	1	SSV10	6"	6"	6"	ANSI1500	1.4462	sea water	16 °C	2006	Flowserve B.V.	Netherlands
32072	1	SMA63	6"	6"	6"	ANSI2500	1.4462	sea water	20 °C	2006	Total E&P Angola PAZFLOR CENTRAL	Angola
32089	4	SSV46	14"	20"	20"	ANSI300	2.0975	sea water	24 °C	2006	Frank Mohn Flatoy A/S	Norway
32158	1	SSV18	4"	4"	4"	ANSI900	1.4462	injection water	20 °C	2006	KSB AG	Germany
32206	1	SMA63	6"	6"	6"	ANSI2500	1.4462	sea water	20 °C	2006	Total E&P Angola PAZFLOR CENTRAL	Angola
32356	2	SSV10	8"	8"	8"	ANSI150	1.4462	sea water	30 °C	2006	YEMGAS	Yemen
32357	2	SSV40	2"	2"	2"	ANSI150	1.4462	sea water	30 °C	2006	YEMGAS	Yemen
32372	4	SSV12	4"	4"	4"	ANSI300	1.4462	sea water	40 °C	2006	Flowserve Pompes	France
32544	2	SSV10	4"	4"	4"	ANSI1500	1.4462	produced water	20 °C	2007	David Brown Guinard Pumps	France
32658	2	SSV10	65	65	65	PN40	1.4301	produced water	55 °C	2007	Stora Enso Hylte AB	Sweden
32672	4	SSV12	4"	4"	4"	ANSI300	1.4462	sea water	40 °C	2007	Flowserve Pompes	France
32737	1	SSV18	50	50	50	PN63	1.0460	fire fighting water	20 °C	2007	Van Wijk & Boerma Firepacks BV	Netherlands
32831	1	SSV10	5"	6"	6"	ANSI900	1.4541	sea water	40 °C	2007	Flowserve S.A.	Argentina
32854	3	SSV10	4"	4"	4"	ANSI900	1.4404	sea water	50 °C	2007	Flowserve S.A.	Argentina
32855	3	SSV10	4"	4"	4"	ANSI1500	1.4404	sea water	50 °C	2007	Flowserve S.A.	Argentina
32856	5	SSV10	5"	5"	5"	ANSI1500	1.4404	sea water	50 °C	2007	Flowserve S.A.	Argentina
32857	2	SSV10	4"	4"	4"	ANSI1500	1.4404	sea water	50 °C	2007	Flowserve S.A.	Argentina
32858	2	SSV10	4"	4"	4"	ANSI1500	1.4404	sea water	50 °C	2007	Flowserve S.A.	Argentina
32859	1	SSV10	4"	4"	4"	ANSI1500	1.4404	sea water	50 °C	2007	Flowserve S.A.	Argentina
32860	1	SSV10	4"	4"	4"	ANSI1500	1.4404	sea water	50 °C	2007	Flowserve S.A.	Argentina
32861	1	SSV10	2,5"	3"	3"	ANSI1500	1.4404	sea water	50 °C	2007	Flowserve S.A.	Argentina
32862	1	SSV10	2,5"	3"	3"	ANSI1500	1.4404	sea water	50 °C	2007	Flowserve S.A.	Argentina
32910	1	SSV5	6"	6"	6"	ANSI1500	1.4404	sea water	22 °C	2007	Tunis B.P.	Tunisia
33098	1	SSV10	65	65	65	PN63	1.4462	brackish water	25 °C	2007	Sterling Fluid Systems (FR) Sales	France
33127	2	SSV10	200	200	200	PN25	1.0460	fire fighting water	40 °C	2007	Schwietzke Armaturen GmbH	Germany
33214	1	SSV18	50	50	50	PN63	1.0460	fire fighting water	20 °C	2007	Solinas Benelux BV	Netherlands
33308	1	SSV12	12"	16"	16"	ANSI150	1.4470	sea water	35 °C	2008	no information given	Saudi Arabia
33350	3	SSV18	5"	4"	4"	ANSI1500	1.4462	sea water	20 °C	2008	Calder Ltd	United Kingdom
33399	2	SSV20	4"	3"	3"	ANSI300	1.4404	fire fighting water	11 °C	2008	J.S. Cock A/S.	Norway
33558	1	SSV18	150	150	150	PN16	1.0460	fire fighting water	30 °C	2008	Gemeinschaftskraftwerk Veltheim	Germany
33662	2	SSV10	3"	4"	4"	ANSI1500	1.4404	sea water	113 °C	2008	Flowserve S.A.	Argentina
33663	1	SSV10	3"	4"	4"	ANSI1500	1.4404	sea water	113 °C	2008	Flowserve S.A.	Argentina
33664	2	SSV10	3"	4"	4"	ANSI1500	1.4404	sea water	113 °C	2008	Flowserve S.A.	Argentina
33730	1	SSV18	32	32	32	PN25	1.4301	fire fighting water	20 °C	2008	Fa. Roger Bub	Germany
34008	1	SSV10	4"	4"	4"	ANSI1500	1.4462	sea water	30 °C	2008	FLUIDES SERVICES DISTRIBUTION	Angola
34103	2	SSV47	14"	20"	20"	ANSI150	1.4469	sea water	20 °C	2009	FankMohn Flatoy AS	Norway
34119	1	SSV10	5"	4"	4"	ANSI1500	1.4404	sea water	50 °C	2008	Flowserve S.A.	Argentina
34122	1	SSV10	4"	3"	3"	ANSI1500	1.4404	sea water	50 °C	2008	Flowserve S.A.	Argentina

## Schroeder Valves reference list

05.03.2015

page 3 of 4

34130	2	SSV10	4"	3"	3"	ANSI1500	1.4404	sea water	50 °C	2008	Flowserve S.A.	Argentina
34155	3	SSV11	12"	8"	8"	ANSI2500	1.4501	sea water	57 °C	2009	no information given	United Kingdom
34155	3	SSV11	12"	8"	8"	ANSI2500	1.4507	sea water	57 °C	2010	pick up through DSME	Republic of Korea (south)
34343	1	SSV12	12"	18"	18"	ANSI300	1.4470	brackish water	30 °C	2009	TOTAL FRANCE	France
34686	3	SSV12	3"	4"	4"	ANSI150	1.4462	sea water	20 °C	2008	TFE	France
34715	1	SSV18	50	50	50	PN63	1.0460	fire fighting water	20 °C	2008	Van Wijk & Boerma Firepacks BV	Netherlands
34717	1	SSV18	150	150	150	PN16	1.0460	fire fighting water	10 °C	2008	Ortner GesmbH	Austria
34863	2	SSV11	5"	4"	4"	ANSI2500	1.4462	sea water	27 °C	2009	Clyde Union Limited	United Kingdom
34870	2	SRV52	10"	16"	16"	ASME2500	1.4462	sea water	70 °C	2009	Base TOTAL E & P ANGOLA	Angola
34985	2	SSV12	3"	3"	3"	ANSI150	1.0460	produced water	75,2 °C	2009	Offshore Oil Engineering Co. Ltd.	People's Republic of China
35031	1	SSV10	4"	4"	4"	ANSI1500	1.4462	sea water	30 °C	2009	Fluides Service DISTRIBUTION	Angola
35064	1	SSV20	125	100	100	PN16	1.4404	fire fighting water	3 °C	2009	TOTAL Raffinerie Mitteldeutschland	Germany
35085	4	SSV12	14"	16"	16"	ANSI150	1.4469	sea water	28 °C	2009	FankMohn Flatoy AS	Norway
35166	2	SSV10	4"	4"	4"	ANSI1500	1.4404	injection water	113 °C	2009	Flowserve S.A.	Argentina
35167	2	SSV10	4"	4"	4"	ANSI1500	1.4404	injection water	113 °C	2009	Flowserve S.A.	Argentina
35319	1	SSV18	125	125	125	PN160	1.4462	brackish water	20 °C	2009	KSB Service - Atelier AIX	France
35380	2	SSV20	150	150	150	PN10	1.4501	produced water	50 °C	2009	J.S. Cock A/S.	Norway
35401	1	SSV12	12"	16"	16"	ANSI150	1.4470	sea water	20 °C	2010	Total E&P Angola PAZFLOR CENTRAL	Angola
35456	2	SSV46	12"	12"	12"	ANSI150	1.0460	produced water	15 °C	2010	FPSO OKHA- Conversion Site	Singapore
35458	2	SSV48	16"	16"	16"	ANSI150	2.0975	sea water	20 °C	2010	FPSO OKHA- Conversion Site	Singapore
35535	3	SSV10	12"	16"	16"	ANSI150	1.4469	sea water	25 °C	2010	Flowserve Pompes	France
35536	1	SSV10	12"	12"	12"	ANSI150	1.4469	sea water	25 °C	2010	Flowserve Pompes	France
35564	1	SSV20	125	100	100	PN16	1.4404	fire fighting water	3 °C	2009	TOTAL Raffinerie Mitteldeutschland	Germany
35584	2	SSV43	8"	8"	8"	ANSI300	1.4404	produced water	50 °C	2010	KSB AG PE-Industrietechnik	Germany
35786	1	SSV20	1,5"	2"	2"	ANSI150	1.4501	sea water	28 °C	2010	no information given	Germany
35787	1	SSV20	8"	8"	8"	ANSI150	1.4501	sea water	35,4 °C	2010	no information given	Germany
35955	1	SSV10	6"	6"	6"	ANSI300	1.4501	injection water	56 °C	2010	SULZER POMPES FRANCE	France
36042	1	SSV10	4"	4"	4"	ANSI600	1.4462	injection water	20 °C	2010	TOTAL E&P CONGO	Republic of Congo
36062	2	SSV10	4"	4"	4"	ANSI1500	1.4462	sea water	20 °C	2010	TOTAL E&P CONGO	Republic of Congo
36082	2	SSV46	18"	18"	18"	ANSI150	1.4469	sea water	35 °C	2011	Clyde Union Limited	United Kingdom
36084	1	SSV12	12"	16"	16"	ANSI150	1.4470	sea water	20 °C	2010	Total E&P Angola PAZFLOR CENTRAL	Angola
36170	1	SSV10	65	65	65	PN160	1.4462	sea water	5 °C	2010	KSB Chile S.A.	Chile
36343	1	SSV10	4"	4"	4"	ANSI300	1.4301	injection water	20 °C	2010	EIFFEL INDUSTRIE	France
36416	4	SSV12	4"	4"	4"	ANSI300	1.4462	sea water	40 °C	2011	Flowserve Pompes	France
36752	1	SSV12	14"	16"	16"	ANSI150	1.4469	sea water	28 °C	2011	Frank Mohn Services AS	Norway
36784	1	SSV47	14"	20"	20"	ANSI150	1.4469	sea water	20 °C	2012	Total E&P Angola PAZFLOR CENTRAL	Angola
36929	5	SSV10	4"	4"	4"	ANSI1500	1.4501	sea water	50 °C	2011	SULZER POMPES FRANCE	France
37148	5	SSV20	2,5"	2"	3"	ANSI300	1.4501	produced water	15 °C	2012	no information given	Italy
37170	1	SSV10	4"	4"	4"	ANSI1500	1.4462	sea water	30 °C	2012	FRANCARE	France
37212	2	SSV10	6"	6"	6"	ANSI300	1.4501	produced water	30 °C	2012	Tecnicas Reunidas SA - Abu Dhabi	United Arab Emirates
37213	3	SSV10	6"	6"	6"	ANSI300	1.4501	produced water	30 °C	2012	Tecnicas Reunidas SA - Abu Dhabi	United Arab Emirates
37304	1	SSV46	12"	12"	12"	ANSI150	1.4471	sea water	40 °C	2013	TOTAL E&P Nigeria LTD	Nigeria
37304	1	SSV46	12"	12"	12"	ANSI150	1.4471	sea water	40 °C	2013	TOTAL E&P Nigeria LTD	Nigeria
37313	1	SSV10	4"	4"	4"	ANSI1500	1.4462	sea water	30 °C	2012	FLUIDES SERVICES DISTRIBUTION	France
37421	1	SSV12	12"	10"	10"	ANSI150	1.4501	sea water	18 °C	2012	SULZER POMPES FRANCE	France
37423	1	SSV10	6"	6"	6"	ANSI300	1.4501	injection water	56 °C	2012	SULZER POMPES FRANCE	France

37446	1	SSV18	50	50	50	PN63	1.0460	fire fighting water	20 °C	2012	Econosto Nederland B.V.	Netherlands
37483	1	SSV10	12"	16"	16"	ANSI150	2.0975	sea water	32 °C	2012	no information given	United Arab Emirates
37485	4	SSV44	8"	8"	8"	ISO PN150	1.4501	sea water	30 °C	2012	Clyde Union Limited	United Kingdom
37488	1	SSV10	4"	4"	4"	ANSI1500	1.4462	sea water	30 °C	2012	Versaserv SAS	France
37532	1	SSV10	4"	4"	4"	ANSI1500	1.4462	sea water	30 °C	2012	FLUIDES SERVICES DISTRIBUTION	France
37536	2	SSV18	6"	6"	6"	ANSI1500	1.0460	injection water	15 °C	2012	Sécomat Ingéniérie Industrielle	France
37611	3	SSV18	4"	4"	4"	ANSI900	1.4501	sea water	69,8 °C	2012	Flowserve Spain S.L.	Spain
37619	2	SSV20	3"	3"	3"	ANSI300	1.4462	produced water	25 °C	2013	Ing. Per Gjerdrum A.S	Norway
37620	1	SSV10	4"	4"	4"	ANSI600	1.4462	produced water	80 °C	2013	Ing. Per Gjerdrum A.S	Norway
37676	3	SSV44	8"	6"	6"	ANSI150	1.4462	sea water	15 °C	2012	Sulzer Pumps Finland Oy	Finland
37677	2	SSV46	12"	10"	10"	ANSI150	1.4462	sea water	15 °C	2013	Sukari Gold Mines	Egypt
37707	2	SSV76	12"	12"	12"	ANSI150	1.0460	fire fighting water	20 °C	2012	Unitecno Sistemas, S.L.	Spain
37841	3	SSV18	32	25	25	PN63	1.4462	sea water	20 °C	2012	Sulzer Pumps Finland Oy	Finland
37851	1	SSV11	12"	8"	8"	ANSI2500	1.4507	sea water	57 °C	2013	Total E&P Angola PAZFLOR CENTRAL	Angola
37859	2	SSV10	10"	10"	10"	ANSI150	1.4462	sea water	20 °C	2013	Versaserv SAS	France
37920	3	SSV12	14"	16"	16"	ANSI150	1.4469	sea water	28 °C	2013	BEAMCO Nigeria Ltd.	Nigeria
37922	2	SSV10	14"	14"	14"	ANSI150	1.4501	sea water	24 °C	2013	J.S. Cock AS	Norway
38036	1	SSV11	10"	12"	12"	ANSI1500	1.4501	PRODUCED WATER	85 °C	2013	StatoilHydro Petroleum AS	Norway
38289	1	SSV12	10"	10"	10"	ANSI150	1.4501	sea water	30 °C	2013	Afrique Energie pour compte de	France
38443	2	SSV12	10"	10"	10"	ANSI150	1.4462	sea water	20 °C	2013	EGEMER Elektrik Uretim A.S.	Turkey
38447	2	SSV48	16"	20"	20"	ANSI150	1.4469	fire fighting water	31,4 °C	2014	J.S. Cock AS	Norway
38447	2	SSV48	16"	20"	20"	ANSI150	1.4469	fire fighting water	31,4 °C	2014	FankMohn Flatoy AS	Norway
38454	2	SSV18	4"	4"	4"	ANSI150	1.4501	sea water	32 °C	2013	KSB AG	Germany
38546	1	SSV46	14"	18"	18"	ANSI150	2.0975	fire fighting water	24 °C	2014	BP Angola (Block 18) B.V.	Angola
38684	1	SSV10	4"	4"	4"	ANSI1500	1.4462	sea water	30 °C	2014	Francare Industries	France
38703	2	SSV10	14"	14"	14"	ASME150	1.4501	sea water	33 °C	2014	J.S. Cock AS	Norway
38781	1	SSV12	12"	12"	12"	ANSI300	1.0460	produced water	71	2014	TOTAL E&P ANGOLA	Angola
38790	1	SSV10	5"	6"	6"	ASME900	1.4541	sea water	40 °C	2014	Flowserve S.R.L.	Argentina
38885	1	SSV12	6"	6"	6"	ASME150	1.4462	sea water	30 °C	2014	SCMI	France
38906	1	SSV10	300	300	300	ISO20	1.0460	fire fighting water	35 °C	2014	Clyde Union S.A.S.	France
38916	1	SSV12	6"	6"	6"	ASME150	1.4462	sea water	30 °C	2014	SCMI	France
39105	1	SSV10	4"	4"	4"	ASME1500	1.4501	sea water	50 °C	2014	SULZER POMPES FRANCE	France
39133	1	SSV10	4"	4"	4"	ASME1500	1.4404	sea water	18 °C	2014	SDV Congo -Pointe-Noire	Republic of Congo
39162	1	SSV10	10"	10"	10"	ASME150	1.4462	sea water	20 °C	2014	Fluides Service DISTRIBUTION	France
39243	1	SSV10	4"	4"	4"	ASME600	1.4462	injection water	20 °C	2014	TOTAL E&P CONGO	Republic of Congo
39299	4	SSV10	14"	14"	14"	ASME150	1.4501	sea water	33 °C	2014	Frank Mohn Flatoy AS	Norway
39356	1	SSV10	4"	4"	4"	ASME1500	1.4462	sea water	20 °C	2014	TOTAL E&P CONGO	Republic of Congo