

List of references No: 2

Valve Type: Oxygen Valves

Applications: compressor stations, steel mills, oxygen supply

Pruss Armaturen AG

Year-Order	Customer	Plant	Country	Application	DN	PN	p1	p2	T	Actuator
<i>Jahr-Auftr.-Nr.</i>	<i>Kunde</i>	<i>Anlage</i>	<i>Land</i>	<i>Anwendung</i>			[bar]	[bar]	[°C]	<i>Antrieb</i>
1995-	Celanese, Oberhausen	Oberhausen	Germany	elements breakdown plant	150	40	16	9	30	pneum.
1995-	Celanese, Oberhausen	Oberhausen	Germany	elements breakdown plant	100	63	23	22	20	pneum.
1995-	HKM, Duisburg	HKM-Duisburg (steel mill)	Germany	steel mill, oxigen-lance	150	40	6	0,5	50	pneum.
1995-	Gefeba Elektro, Gladbeck	Thyssen-Krupp, Bruckhausen	Germany	steel mill, oxigen-lance	50	40	5	0,5	50	pneum.
1995-	Gefeba Elektro, Gladbeck	Thyssen-Krupp, Bruckhausen	Germany	steel mill, oxigen-lance	65	40	5	0,5	50	pneum.
1995-	Gefeba Elektro, Gladbeck	Thyssen-Krupp, Bruckhausen	Germany	steel mill, oxigen-lance	100	40	5	0,5	50	pneum.
1996-	Siemens PGI, Duisburg	HKM-Duisburg (steel mill)	Germany	compressor - station	150/500	63	42	2	30	pneum.
1996-	Siemens PGI, Duisburg	HKM-Duisburg (steel mill)	Germany	compressor - station	50	63	42	1,5	30	pneum.
1996-	Siemens PGI, Duisburg	HKM-Duisburg (steel mill)	Germany	compressor - station	40	16	1,5	0,9	30	pneum.
1996-	Siemens PGI, Duisburg	Voest-Alpin, Linz	Austria	compressor - station	100	40	9	2	30	pneum.
1996-	Siemens PGI, Duisburg	Voest-Alpin, Linz	Austria	compressor - station	150/500	40	16	1	30	pneum.
1996-	Siemens PGI, Duisburg	Voest-Alpin, Linz	Austria	compressor - station	80	40	1	0,9	30	pneum.
1997-	Messer Griessh., Krefeld	HKM-Duisburg (steel mill)	Germany	oxigen supply station	250	63	24-35	23	20	pneum.
1997-	Messer Griessh., Krefeld	HKM-Duisburg (steel mill)	Germany	oxigen supply station	150	63	24-35	23	20	pneum.
1997-	Messer Griessh., Krefeld	HKM-Duisburg (steel mill)	Germany	oxigen supply station	150	40	16-24	23	20	pneum.
1997-	Messer Griesh., Essen	Hoesch, Dortmund (steel mill)	Germany	oxigen supply station	25	40	17-30	10	50	pneum.
1997-	Messer Griesh., Essen	Hoesch, Dortmund (steel mill)	Germany	oxigen supply station	50	40	17-30	10	50	pneum.
1997-	Messer Griesh., Essen	Hoesch, Dortmund (steel mill)	Germany	oxigen supply station	100	40	17-30	10	50	pneum.
1998-	Thyssen Krupp, Bochum	Thyssen Krupp, Bochum	Germany	steel mill, oxigen-lance	150	40	25	10	30	pneum.
1998-	Thyssen-Krupp, Duisburg	Thyssen-Krupp, Duisburg	Germany	furnance and converter	150	40	25	22	50	pneum.
1998-0152	PTS Marquart, Pulheim	unknown	Germany	unknown	80	40	17-30	11	30	pneum.
1999-3400/1	Air Liquide, Italia S.r.l.	Pipeline	Italy	oxigen supply	150	100				pneum.
1999-3400/2	Air Liquide, Italia S.r.l.	Pipeline	Italy	oxigen supply	40	100				pneum.

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							[bar]	[bar]	[°C]	
1999-3400/3	Air Liquide, Italia S.r.l.	Pipeline	Italy	oxigen supply	80	100				pneum.
1999-3400/4	Air Liquide, Italia S.r.l.	Pipeline	Italy	oxigen supply	80	100				pneum.
1999-3428 /1	Siemens PGI, Duisburg	unknown	Germany	compressor - station	150/500	40/16				pneum.
1999-3428 /3	Siemens PGI, Duisburg	unknown	Germany	compressor - station	80	16				pneum.
1999-3428 /4	Siemens PGI, Duisburg	unknown	Germany	compressor - station	50	16				pneum.
2000-0102	Stahlwerke Bremen	Stahlwerke Bremen	Germany	steel mill, oxigen-lance	100	16	9,5	4,2	25	pneum.
2000-0301 /2	Siemens PGI, Duisburg	unknown	Germany	compressor - station	50	63				pneum.
2000-0301 /3	Siemens PGI, Duisburg	unknown	Germany	compressor - station	150	63				pneum.
2000-0301 /4	Siemens PGI, Duisburg	unknown	Germany	compressor - station	40	16				pneum.
2000-0684	Dillinger Hüttenwerke	Dillinger Hütte (steel mill)	Germany	furnance and converter	200	40	35	10	20	pneum.
2000-0941	Stahlwerke Bremen	Bremen (steel mill)	Germany	steel mill	100	16	9,5	4,2	25	elektr.
2000-1923	Thyssen Krupp, Bochum	Thyssen Krupp, Bochum	Germany	furnance and converter	80	40	17-30	1,2	20	elektr.
2000-4392 /2	Gefeba Elektro , Gladbeck	unknown	Germany	unknown	50	40	5	1,2	25	pneum.
2000-4392 /3	Gefeba Elektro , Gladbeck	unknown	Germany	unknown	50	40	17-30	2	25	pneum.
2000-4392 /5	Gefeba Elektro , Gladbeck	unknown	Germany	unknown	25	40	6	5	25	pneum.
2001-0282	Stahlwerke Bremen	Bremen (steel mill)	Germany	furnance and converter	200	16	9,2	5	20	pneum.
2001-0888	Fletec, Österreich	unknown	Austria	unknown	65	40	26	12	35	pneum.
2001-1858 /5	Messer Griessh., Krefeld	Pipeline	Germany	oxigen supply	50	63	22	10	40	pneum.
2001-2006	Dillinger Hüttenwerke	Dillinger Hütte (steel mill)	Germany	Steel mill	200	40	35	10	26	pneum.
2002-0991	Messer Griessh., Krefeld	unbekannt	Germany	oxigen supply	50/150	100/16	54	12	30	pneum.
2002-1185 /1	Siemens PGI, Duisburg	Botlek	Netherland	compressor - station	80	10	0,06	0,05	40	pneum.
2002-1185 /2	Siemens PGI, Duisburg	Botlek	Netherland	compressor - station	150	40	7,5	0.05	56	pneum.
2002-1185 /3	Siemens PGI, Duisburg	Botlek	Netherland	compressor - station	25	40	18,1	18	25	pneum.

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							[bar]	[bar]	[°C]	
2002-1185 /4	Siemens PGI, Duisburg	Botlek	Netherland	compressor - station	80/200	40/16	18	0.05	25	pneum.
2002-1291 /1	Messer Griessh., Krefeld	Saarstahl Völklingen	Germany	oxigen supply station	200	63	39	19	15	pneum.
2002-1291 /3	Messer Griessh., Krefeld	Saarstahl Völklingen	Germany	oxigen supply station	250	63	39	19	15	pneum.
2002-1291 /2	Messer Griessh., Krefeld	Lauterbach	Germany	oxigen supply	200	63	39	19	15	pneum.
2002-1580 /1	Linde, Höllriegelskreuth	Celanese, Oberhausen	Germany	elements breakdoun plant	250	63	23,5	23,3	25	pneum.
2002-1580 /2	Linde, Höllriegelskreuth	Celanese, Oberhausen	Germany	elements breakdoun plant	150	63	39	21	25	pneum.
2002-1580 /3	Linde, Höllriegelskreuth	Celanese, Oberhausen	Germany	elements breakdoun plant	150	63	39	21	25	pneum.
2002-1580 /3	Linde, Höllriegelskreuth	Celanese, Oberhausen	Germany	elements breakdoun plant	150	63	39	23	25	pneum.
2002-2104 /1	Brinkmann (O2)	BGYG	China	Steel mill	100	40	29	21	20	pneum.
2002-2104 /2	Brinkmann (O2)	BGYG	China	Steel mill	100	40	29	21	20	pneum.
2002-2104 /3	Brinkmann (Argon)	BGYG	China	Steel mill	100	40	29	21	20	pneum.
2002-2320 /1	SMS Demag (O2)	Steel mill	Germany	Steel mill	100	40	29	21	20	pneum.
2002-2320 /2	SMS Demag (O2)	Steel mill	Germany	Steel mill	100	40	29	21	20	pneum.
2002-2320 /3	SMS Demag (Argon)	Steel mill	Germany	Steel mill	100	40	29	21	20	pneum.
2003-0187	Messer Griessh., Krefeld	Pipeline	Germany	oxigen supply	80	63	11	7	15	pneum.
2003-0530	Thyssen Krupp, Duisburg	Thyssen Krupp Stahl AG	Germany	Steel mill	150	40	31	4	30	pneum.
2003-0537	Celanese Chemical Europe	Chemical Plant	Germany	Chemical Process	50	63	26	5	20	pneum.
2003-1153 /1	Siemens PGI, Duisburg	KIMITSU	Japan	compressor - station	100	ANSI 400	7,3	0,2	67	pneum.
2003-1153 /2	Siemens PGI, Duisburg	KIMITSU	Japan	compressor - station	150/500	ANSI 400	24,5	0,2	40	pneum.
2003-1153 /3	Siemens PGI, Duisburg	KIMITSU	Japan	compressor - station	80	ANSI 150	0,24	0,16	30	pneum.
2003-3592 /1	Siemens PGI, Duisburg	GENDORF	Germany	compressor - station	200	25	12	1,08	31	pneum.
2003-3592/2	Siemens PGI, Duisburg	GENDORF	Germany	compressor - station	100	40	19,1	12	31	pneum.
2003-3592 /3	Siemens PGI, Duisburg	GENDORF	Germany	compressor - station	80	40	29	19	31	pneum.

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							[bar]	[bar]	[°C]	
2003-3592 /4	Siemens PGI, Duisburg	GENDORF	Germany	compressor - station	150/250	40	28	1,1	50	pneum.
2003-3592 /5	Siemens PGI, Duisburg	GENDORF	Germany	compressor - station	25	16	12	11,5	95	pneum.
2003-3592 /6	Siemens PGI, Duisburg	GENDORF	Germany	compressor - station	25	40	19,1	18,6	31	pneum.
2003-3592 /7	Siemens PGI, Duisburg	GENDORF	Germany	compressor - station	25	40	29,1	28,6	31	pneum.
2003-3592 /8	Siemens PGI, Duisburg	GENDORF	Germany	compressor - station	50	16	1,07	1,04	31	pneum.
2003-3690 /1	Siemens PGI, Duisburg	KEIHIN	Japan	compressor - station	80	ANSI 150	1,18	1,1	30	pneum.
2003-3690 /2	Siemens PGI, Duisburg	KEIHIN	Japan	compressor - station	100	ANSI 400	8,3	1,2	60	pneum.
2003-3690 /3	Siemens PGI, Duisburg	KEIHIN	Japan	compressor - station	150/500	ANSI 400	19,5	2,2	40	pneum.
2004-0583	Thyssen Krupp Stahl	Thyssen Krupp Stahl	Germany	O2 Pfannenfeuer	32	40	8	2,5	25	pneum.
2004-1141 / 1	SMS Demag	unbekannt	China	Steel mill	100	40	29	21	20	pneum.
2004-1141 / 2	SMS Demag	unbekannt	China	Steel mill	100	40	29	21	20	pneum.
2004-1141 / 3	SMS Demag	unbekannt	China	Steel mill	100	40	29	21	20	pneum.
2004-1295	Messer Griesheim	LZA Dillingen 3	Germany	oxigen supply	150	63	41	1	25	pneum.
2004-1416	Dillinger Hüttenwerke	Dillinger Hüttenwerke	Germany	control valve to furnance	200	40	26	8	25	pneum.
2004-1580	ThyssenKrupp Nirosta	ThyssenKrupp Nirosta	Germany	O2- Pressure control	150	63	29	22	20	pneum.
2004-1536 / 1	Messer Griesheim	Control-station, Neuss	Germany	oxygen supply 2)	250	63	21	19,7	40	pneum.
2004-1536 / 2	Messer Griesheim	Control-station, Neuss	Germany	oxygen supply 2)	250	63	21	19,9	40	pneum.
2004-1472	Salzgitter Flachstahl	Salzgitter Flachstahl	Germany	furnance	100	40	9	3,6	20	pneum.
2004-3338	Siemens PGI, Duisburg	WAKAYAMA I	Japan	compressor - station 2)	3"	ANSI 150	1,12	1,11	30	pneum.
2004-3338	Siemens PGI, Duisburg	WAKAYAMA I	Japan	compressor - station 2)	4"	ANSI 400	23,01	1,1	26	pneum.
2004-3338	Siemens PGI, Duisburg	WAKAYAMA I	Japan	compressor - station 2)	6"	ANSI 400	23	1,163	26	pneum.
2004-3385	Dillinger Hüttenwerke	Dillinger Hüttenwerke	Germany	Steel mill	200	40	26	8	25	pneum.
2005-0305	Linde, Höllriegelskreuth	compressor - station, Peine	Germany	compressor - station 2)	80	40	2,5	1	35	pneum.

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							[bar]	[bar]	[°C]	
2005-0960	Dillinger Hüttenwerke	Dillinger Hüttenwerke	Germany	Steel mill	50	40	26	17	25	pneum.
2005-0681	Praxair, Düsseldorf	Bous	Germany	Steel mill	100	63	40	21	15	pneum.
2005-1968	Thyssen Krupp Steel	Beeckerwerth 2	Germany	Steel mill	300	40	20	6	25	elektr.
2004-1969	Thyssen Krupp Steel	Beeckerwerth 2	Germany	Steel mill	300	40	20	6	25	elektr.
2005-2091	Siemens PGI, Duisburg	GENDORF	Germany	compressor - station +2)	50	16	1,07	1,04	31	pneum.
2005-3354	Siemens PGI, Duisburg	Leuna 7	Germany	air decomposer	250	16	4,263	1,1	52,74	pneum.
2005-3354	Siemens PGI, Duisburg	Leuna 7	Germany	air decomposer	50	16	8,6	8,1	30	pneum.
2005-3355	Siemens PGI, Duisburg	Leuna 7	Germany	air decomposer	40	16	5,8	4	20	pneum.
2005-3355	Siemens PGI, Duisburg	Leuna 7	Germany	air decomposer	50	16	1,102	1,09	30	pneum.
2005-3355	Siemens PGI, Duisburg	Leuna 7	Germany	air decomposer	250/300	16	8,5	4,3	30	pneum.
2006-0238	Siemens PGI, Duisburg	Smederevo	Serbia	Steel mill	200	16	10	1	75	pneum.
2006-0238	Siemens PGI, Duisburg	Smederevo	Serbia	Steel mill	100	40	31	1	75	pneum.
2006-0238	Siemens PGI, Duisburg	Smederevo	Serbia	Steel mill	80	16	1,062	1,04	75	pneum.
2006-3493	Siemens PGI, Duisburg	Kashima 1	Japan	Steel mill	6"/16"	ANSI 400				pneum.
2006-3493	Siemens PGI, Duisburg	Kashima 1	Japan	Steel mill	4"	ANSI 400				pneum.
2006-3493	Siemens PGI, Duisburg	Kashima 1	Japan	Steel mill	3"	ANSI 150				pneum.
2006-2834.1.1	Thyssen Krupp Steel	Duisburg	Germany	Steel mill	300	40	20	6	25	elektr.
2006-2834.1.2	Thyssen Krupp Steel	Duisburg	Germany	Steel mill	300	40	20	6	25	elektr.
2006-0438	Thyssen Krupp Steel	Duisburg	Germany	Steel mill	300	40	23	14	25	pneum.
2006-0432.1.1	Thyssen Krupp Steel	Duisburg	Germany	Steel mill	300	40	23	14	25	pneum.
2006-0432.1.2	Thyssen Krupp Steel	Duisburg	Germany	Steel mill	300	40	23	14	25	pneum.
2006-1750	Messer Group	Smederevo	Serbia	Steel mill	150	40	33	1	60	pneum.
2006-2983	Leonard GmbH		Poland	Steel mill	300	25	18,3	16	50	pneum.

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							[bar]	[bar]	[°C]	
2006-1916	Dillinger Hüttenwerke	Dillingen	Germany	Steel mill	200	40	26	18	20	pneum.
2007-0649	Bayer industries	Leverkusen	Germany	oxygen supply 2)	80	40	24	10	20	pneum.
2007-0649	Bayer industries	Leverkusen	Germany	oxygen supply 2)	40	40	10	3	20	pneum.
2007-0646	Infraserv Hoechst	Frankfurt	Germany	oxygen supply 1) +2)	100	16	9	8,9	30	pneum.
2007-0646	Infraserv Hoechst	Frankfurt	Germany	oxygen supply 1) + 2)	80	40	21	20,9	30	pneum.
2007-0646	Infraserv Hoechst	Frankfurt	Germany	oxygen supply 1) +2)	200	16	9	8,9	30	pneum.
2007-0646	Infraserv Hoechst	Frankfurt	Germany	oxygen supply 1) +2)	150	40	21	20,9	30	pneum.
2007-1241	Siemens PGI, Duisburg	Chiba 2	Japan	Steel mill	4"	ANSI 300	2,9	1,1	20	pneum.
2007-1241	Siemens PGI, Duisburg	Chiba 2	Japan	Steel mill	2"	ANSI 300	2,25	0,9	36	pneum.
2007-1241	Siemens PGI, Duisburg	Chiba 2	Japan	Steel mill	3"	ANSI 150	0,118	0,11	30	pneum.
2007-0808	Thyssen Krupp Steel	Duisburg	Germany	Steel mill	100/150	40	17	4	20	pneum.
2008-0007	BASF AG	Ludwigshafen	Germany	oxygen supply +2)	100	16	9	5,2	20	pneum.
2008-0967	Air Liquide, Düsseldorf	MM/DM Station Duisburg	Germany	CV O2	80	63				pneum.
2008-1188	Siemens PGI, Duisburg	BASF Ludwigshafen	Germany		150/400	40	28	10	40	pneum.
2008-1188	Siemens PGI, Duisburg	BASF Ludwigshafen	Germany		80	25	1,067	1,063	90	pneum.
2008-1188	Siemens PGI, Duisburg	BASF Ludwigshafen	Germany		50	40	28	27,5	40	pneum.
2008-1188	Siemens PGI, Duisburg	BASF Ludwigshafen	Germany		100	40	10,45	1,1	64	pneum.
2008-1188	Siemens PGI, Duisburg	BASF Ludwigshafen	Germany		50	16	8	4	40	pneum.
2008-1188	Siemens PGI, Duisburg	BASF Ludwigshafen	Germany		25	16	8	1,2	40	pneum.
2008-2300	Siemens E.O., Duisburg	BASF Ludwigshafen	Germany		25	16				pneum.
2008-2300	Siemens E.O., Duisburg	BASF Ludwigshafen	Germany		25	40				pneum.
2009-1959	Siemens E.O., Duisburg	Wanishi	Japan	Anti Surge Valve	6"	150				pneum.
2008-3467	Siemens E.O., Duisburg	Wakayama 3	Japan	Balance Valve to Suction Line	3"	150				pneum.

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							[bar]	[bar]	[°C]	
2008-3467	Siemens E.O., Duisburg	Wakayama 3	Japan	Blow Off Valve	4"	400				pneum.
2008-3467	Siemens E.O., Duisburg	Wakayama 3	Japan	Anti Surge Valve	6"	400				pneum.
2010-1995	Air Liqide, Düsseldorf	VEBA, Bottrop	Germany	CV O2	200	63				pneum.
2010-1995	Air Liqide, Düsseldorf	Duisburg, Huckingen	Germany	CV O2	150	63				pneum.
2010-1995	Air Liqide, Düsseldorf	Alstaden	Germany	CV O2	250	63				pneum.
2010-1995	Air Liqide, Düsseldorf	HKM , Duisburg	Germany	CV O2	250	63				pneum.
2010-1995	Air Liqide, Düsseldorf	HKM , Duisburg	Germany	CV O2	250	63				pneum.
2010-1995	Air Liqide, Düsseldorf	HKM , Duisburg	Germany	CV O2	250	63				pneum.
2010-1995	Air Liqide, Düsseldorf	KTN, Bochum	Germany	CV O2	150	63				pneum.
2010-1995	Air Liqide, Düsseldorf	Bayer Uerdingen	Germany	CV O2	100	63				pneum.
2010-1995	Air Liqide, Düsseldorf	Bayer Uerdingen	Germany	CV O2	100	63				pneum.
2010-1995	Air Liqide, Düsseldorf	Bayer Uerdingen	Germany	CV O2	100	63				pneum.
2010-1995	Air Liqide, Düsseldorf	Grillo, Duisburg	Germany	CV O2	65	63				pneum.
2010-1995	Air Liqide, Düsseldorf	Grillo, Duisburg	Germany	CV O2	65	63				pneum.
2010-1996	Air Liqide, Düsseldorf	Lünen Aurubis	Germany	CV O2	100	63				pneum.
2010-1996	Air Liqide, Düsseldorf	Lünen Aurubis	Germany	CV O2	100	63				pneum.
1) FIRE SAFE										
2) Valve Typs for compressor-stations: anty surge valvs, inlet throttle valves, Baypass- valves										