



## Complete valve list ASU Area

Diagram No.: 792.86811  
Revision: As B.  
Date: 30.11.2006  
Diagram state: As B.

Project: KOSICE, ASU Area  
Project No.: K70101  
List State: As B.

# COVER - SHEET

Distribution	
Name	Department
H. Delattre	ALE
H. Dr. Nipper	IA.Z
H. Dräger	IC.Z
H. Eichler	IE.Z
H. Hohner	IV.HU
H. Juckel	IV.Z
H. Jungmann	IF.HU
H. Korchi	ALE
H. Schürgers	IM.Z
H. Siudak	IM.Z
H. Wilde	IM.Z


Processing			
Date	Name	Checked by	Status
12.01.2005	Chiran	Rüdiger	Rev.0
12.05.2005	Reidenbach	Gans	Rev.1
23.06.2005	Honarassa	Gans	Rev1A
14.07.2005	Dziadek	Gans	Rev1B
04.08.2005	Dziadek	Gans	Rev2
25.08.2005	Reidenbach	Gans	Rev2A
09.09.2005	Honarassa	Gans	Rev2B
13.01.2006	Dziadek/IES	Gans	Rev2C
15.02.2007	Dziadek/IES	Dr. Nipper	As B.

**Type of valve:**  
 GV = Gate Valve  
 GLV = Globe Valve  
 GGV = Goggle Valve  
 BV = Ball Valve  
 SVW = Safety Valve  
 SVS = Safety Valve  
 CVL = Check Valve  
 CVS = Check Valve  
 BTV = Butterfly Valve  
 PCV = Pressure Control Valve  
 DV = Diaphragm Valve  
 BOV = Blow Off Valve  
 MOV = Manual Operated Valve  
 CV = Check Valve  
 PRV = Pressure Reducing Valve


LCV = Level Control Valve  
 HCV = Hand Control Valve  
 FCV = Flow Control Valve  
 TCV = Temperature Control Valve  
 DCV = Directional Control Valve  
 RV = Relief Valve  
 ST = Steam Trap

**Driving System:**  
 H = Hand wheel  
 E = Electric drive  
 G = Geors  
 Ph = Pneumatic  
 SC = Self Controlled

**Type of Connection:**  
 F = Flange joint  
 BW = Butt weld joint  
 T = Threaded joint  
 M = Mechanical joint  
 SW = Socket weld joint  
 B&S = Bell and Spigot joint

	<h2 style="margin: 0;">Complete valve list</h2> <h3 style="margin: 0;">ASU Area</h3>	<b>Diagram No.:</b> 792.86811 <b>Revision:</b> As B. <b>Date:</b> 30.11.2006 <b>Diagram state:</b> As B.	<b>Project:</b> KOSICE, ASU Area <b>Project No.:</b> K70101 <b>List State.:</b> As B.
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Valve No.	Place of Install.	P & I Sheet	Connection			Measure (mm)		Weight [kg]	Order data			Remarks
			Form	DN	PN	Length	Height		Manufacturer	Supplier	Date of delivery	
		Coord.	DIN						Type	Spec.-No.		
V 10000 HI	F10001	001										Delivery with F10001
		D1										
V 10000 LI	F10001	001										Delivery with F10001
		D1										
X 10001	1100 A 10001 AA10C1	001	BW	1100								No delivery
		D1		PN10								
X 10002	1100 A 10001 AA10C1	001	BW	1100								No delivery
		D2		PN10								
X 11001	600 A 11001 AA10C1	001	BW	600		840			HYDRA LKR	WITZENMANN		
		D11		PN10					10.0600.055.0			
X 11002	400 A 11002 AA10C1	001	BW	400		515			HYDRA LBR	WITZENMANN		
		D10		PN10					10.0400.051.0			
X 11003	700 A 11001 AA10C1	002	BW	700		900			HYDRA LRK	WITZENMANN		
		D4		PN10					10.0700.052.0			
X 11040	600 A 11001 AA10C1	001	BW	600		840			HYDRA LRK	WITZENMANN		
		D9		PN10					10.0600.055.0			
FK 11074	400 A 11002 AA10C1	001	F	400		102			XOMOX	XOMOX		
		B10	2632	PN10								
V 11106	25 A 16004 AA63C1	007	BW	25		160		5,8	PERSTA	SIEKMANN		
		B10		PN63		232			200 AE/BE 21.2			
K 11505	300 WC 80002 AA10C2	001	F	300		78			XOMOX	XOMOX		
		F2	2632	PN10					7500			
V 11506	300 WC 80002 AA10C2	001										
		G2										



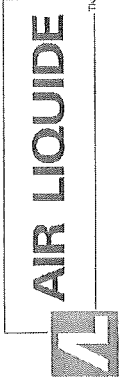
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			Form	DN		Type	Length	Height		Manufacturer	Supplier	Date of delivery	
				DIN	PN								
K 11508	150 WC 80014 AA10C2	Coord.											
		001	F	150		56		XOMOX	XOMOX				
		G1	2633	PN16									
		001	F	300		78		XOMOX	XOMOX				
K 11590	300 WC 11003 AA10C2	G2	2632	PN10									
		001											
V 11591	300 WC 11003 AA10C2	G2											
		002	F	15		130		LVF	SIEKMANN				
V 12001	100 WC 14005 AA16C1	B12	2635	PN40					4	4B-SK 213	DAVR416001E		
		003	BW	1"		67,5		ECONOSTO	SIEKMANN				
H 12003	80 WC 12003 AA10C2	B6		PN16					0,6				
		002	F	50		230		FLOWERVE	FLOWERVE				
FV 12005	80 WC 12003 AA10C2	B9	2633	PN16									
		002	F	100		52		XOMOX	XOMOX				
K 12006	100 WC 14006 AA16C1	C11	2633	PN16									
		002	F	100		52		XOMOX	XOMOX				
K 12008	100 WC 14005 AA16C1	B11	2633	PN16									
		002	F	100		52		XOMOX	XOMOX				
K 12011	100 WC 14002 AA16C1	C12	2633	PN16									
		002	F	100		52		XOMOX	XOMOX				
F 12070	150 WC 80010 AA10C2	002	F	150									
		E11	2633	PN16		480							
K 12070	150 WC 80010 AA10C2	002	F	150									
		E11	2633	PN16		56		XOMOX	XOMOX				
V 12071	150 WC 13020 AA10C2	002	F	15					4	LVF	SIEKMANN		
		E12	2635	PN40		130		4B-SK 213	DAVR416001E				



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			Form	DN		Type	Length	Height		Manufactor	Supplier	Date of delivery	
				DIN	PN								
K 12072	150 WC 13020 AA10C2	Coord.											
		F	150		56		XOMOX	XOMOX					
K 12074	80 WC 13026 AA10C2	E12	2633	PN16						7500			
		F	80		46		XOMOX	XOMOX					
H 13003 H1	80 WC 13032 AA10C2	F11	2633	PN16						7500			
		F	80		180		BAC	SIEKMANN					
H 13003 H2	80 WC 13032 AA10C2	E5	2633	PN16				22					
		T	1/2"		67,5		ECONOSTO	SIEKMANN					
H 13003 L1	80 WC 13033 AA10C2	E6	DIN ISO 228-1	PN16			65						
		F	80		180		BAC	SIEKMANN					
H 13003 L2	80 WC 13033 AA10C2	E5	2633	PN16			182	22					
		T	1/2"		67,5		ECONOSTO	SIEKMANN					
R 13003	200 WC 13020 AA10C2	D6	DIN ISO 228-1	PN16			65	0,6					
		F	200		89		RITAG	SIEKMANN					
H 13004 H1	700 A 11001 AA10C1	F7	2632	PN10				25		ZRD 1			
		T	4		105		BOLLIN	SIEKMANN					
H 13004 L1	700 A 13001 AA10C1	D4	DIN ISO 228-1	PN250									
		T	4		105		BOLLIN	SIEKMANN					
H 13005 H1	200 WC 13020 AA10C2	B4	DIN ISO 228-1	PN250									
		F	50		150		BAC	SIEKMANN					
FK 13006	100 WC 14006 AA16C1	F6	2635	PN40			150	12,7					
		F	100		56		XOMOX	XOMOX					
FK 13007	200 WC 80007 AA10C2	C6	2633	PN16									
		F	150		70		XOMOX	XOMOX					
		D6	2633	PN16									

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			Form	DN		Type	Length	Height		Manufacturer	Supplier	Date of delivery	
				DIN	PN								
LK 13008	200 WC 13020 AA10C2	Coord.											
		002	F	200		71							
H 13013 H1	80 WC 13030 AA10C2	F6	2632	PN10									
		002	F	80		180							
H 13013 H2	80 WC 13030 AA10C2	E4	2633	PN16									
		002	T	1/2"		67,5							
H 13013 L1	80 WC 13031 AA10C2	E4	DIN ISO 228-1	PN16									
		002	F	80		180							
H 13013 L2	80 WC 13031 AA10C2	E4	2633	PN16									
		002	T	1/2"		67,5							
H 13080	250 WC 80004 AA10C2	E4	DIN ISO 228-1	PN16									
		002	T	1/2"		67,5							
H 13088	200 WC 80007 AA10C2	E10	DIN ISO 228-1	PN16									
		002	T	1/2"		67,5							
F 13110	200 WC 80006 AA10C2	D7	DIN ISO 228-1	PN16									
		002	F	200		600							
H 13120 H1	200 WC 80007 AA10C2	D9	2632	PN10									
		002	T	4		105							
K 13140	200 WC 80006 AA10C2	D8	DIN EN 837-1	PN250									
		002	F	200		60							
R 13150	200 WC 80007 AA10C2	D10	2632	PN10									
		002	F	200		89							
K 13151	200 WC 80007 AA10C2	D7	2632	PN10									
		002	F	200		60							




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			Form	DN	PN	Type	Length Height		Manufacturer Type	Supplier Spec.-No.	Date of delivery	
H 13180	200 WC 80006 AA10C2	002	T	1/2"	PN16		67,5 65	0,6	ECONOSTO	SIEKMANN		
H 13181	200 WC 80007 AA10C2	D9	DIN ISO 228-1	1/2"	PN16		67,5 65	0,6	ECONOSTO	SIEKMANN		
F 13210	200 WC 80008 AA10C2	002	T	1/2"	PN16		67,5 65	125	KROMBACH	SIEKMANN		
H 13220 H1	200 WC 80009 AA10C2	D7	DIN ISO 228-1	200	PN10		600 790		BOLLIN	SIEKMANN		
K 13240	200 WC 80008 AA10C2	002	F	200	PN10		60		XOMOX	XOMOX		
R 13250	200 WC 80009 AA10C2	E10	2632	200	PN10		89	25	RITAG	SIEKMANN		
K 13251	200 WC 80009 AA10C2	002	F	200	PN10		60		XOMOX	XOMOX		
H 13280	200 WC 80008 AA10C2	E7	2632	200	PN10		67,5 65	0,6	ECONOSTO	SIEKMANN		
H 13281	200 WC 80009 AA10C2	002	T	1/2"	PN16		67,5 65	0,6	ECONOSTO	SIEKMANN		
K 14002	100 WC 80011 AA10C2	D7	DIN ISO 228-1	100	PN16		180 182	22	BAC	SIEKMANN		
H 14003 H1	80 WC 14030 AA10C2	003	F	80	PN16		67,5 65	0,6	ECONOSTO	SIEKMANN		
H 14003 H2	80 WC 14030 AA10C2	E8	2633	1/2"	PN16							



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			Form	DN		Type	Length	Height		Manufactor	Supplier	Date of delivery	
				DIN	PN								
H 14003 L1	80 WC 14031 AA10C2	Coord.							22	BAC	SIEKMANN		
		003	F	80		180							
H 14003 L2	80 WC 14031 AA10C2	C8	2633	PN16					0,6	ECONOSTO	SIEKMANN		
		003	BW	1/2"		67,5							
LK 14003	100 WC 80011 AA10C2	C8		PN16					56	XOMOX	XOMOX		
		003	F	100		56							
H 14006	100 WC 80011 AA10C2	C8	2633	PN16					0,6	ECONOSTO	SIEKMANN		
		003	T	1/2"		67,5							
F 14010	80 WC 13021 AA10C2	G9	DIN ISO 228-1	PN16					22	KROMBACH	SIEKMANN		
		003	F	80		310							
K 14010	80 WC 13021 AA10C2	G5	2633	PN16					46	XOMOX	XOMOX		
		003	F	80		46							
TV 14010	80 WC 13021 AA10C2	G5	2633	PN16					310	FLOWERVE	FLOWERVE		
		003	F	80		310							
H 14012	80 WC 13021 AA10C2	G6	2633	PN16					0,6	ECONOSTO	SIEKMANN		
		003	T	1/2"		67,5							
H 14080	150 WC 14001 AA10C2	H9	DIN ISO 228-1	PN16					0,6	ECONOSTO	SIEKMANN		
		003	T	1/2"		67,5							
H 14081	100 WC 14002 AA16C1	E6	DIN ISO 228-1	PN16					0,6	ECONOSTO	SIEKMANN		
		003	T	1/2"		67,5							
H 14088	100 WC 14002 AA16C1	C2	DIN ISO 228-1	PN16					0,6	ECONOSTO	SIEKMANN		
		003	T	1/2"		67,5							
F 14110	150 WC 14001 AA10C2	C3	DIN ISO 228-1	PN16					70	KROMBACH	SIEKMANN		
		003	F	150		480							
		E5	2633	PN16									



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Valve No.	Place of Install.	P & I Sheet	Connection			Measure (mm)		Weight [kg]	Order data			Remarks
			Form	DN	Type	Length	Height		Manufacturer	Supplier	Date of delivery	
F 14120	150 WC 14003 AA10C2	Coord. 003 F5	DIN F 2633	PN 150 PN16		480 600		70	KROMBACH	SIEKMANN		
H 14120 H1	100 WC 14002 AA16C1	003 E3	T DIN EN 837-1	4 PN250		105			BOLLIN	SIEKMANN		
K 14130	150 WC 14001 AA10C2	003 E5	F 2633	150 PN16		56			XOMOX	XOMOX		
R 14140	100 WC 14002 AA16C1	003 D2	F 2633	100 PN16		64		9	RITAG	SIEKMANN		
K 14141	100 WC 14002 AA16C1	003 D2	F 2633	100 PN16		52			XOMOX	XOMOX		
H 14180	150 WC 14001 AA10C2	003 E5	T DIN ISO 228-1	1/2" PN16		67,5 65		0,6	ECONOSTO	SIEKMANN		
H 14181	100 WC 14002 AA16C1	003 D3	T DIN ISO 228-1	1/2" PN16		67,5 65		0,6	ECONOSTO	SIEKMANN		
H 14220 H1	100 WC 14004 AA16C1	003 F3	T DIN EN 837-1	4 PN250		105			BOLLIN	SIEKMANN		
K 14230	150 WC 14003 AA10C2	003 F5	F 2633	150 PN16		56			XOMOX	XOMOX		
R 14240	100 WC 14004 AA16C1	003 F3	F 2633	100 PN16		64		9	RITAG	SIEKMANN		
K 14241	100 WC 14004 AA16C1	003 F2	F 2633	100 PN16		52			XOMOX	XOMOX		
H 14280	150 WC 14003 AA10C2	003 F5	T DIN ISO 228-1	1/2" PN16		67,5 65		0,6	ECONOSTO	SIEKMANN		



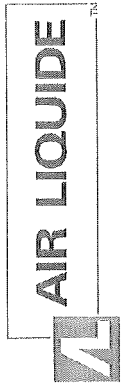


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			Form	DN		Type	Length	Height		Manufacturer	Supplier	Date of delivery	
				DIN	PN								
		Coord.											
H 14281	100 WC 14004 AA16C1	003	T	1/2"			67,5	0,6		ECONOSTO	SIEKMANN		
		F3	DIN ISO 228-1	PN16			65						
X 15001	700 A 15001 AA10C1	004	BW	700			1412			HYDRA LRK	WITZENMANN		
		B5		PN10						10.0700.208.0			
X 15003	700 A 15003 AA10C1	004	BW	700			1412			HYDRA LRK	WITZENMANN		
		B6		PN10						10.0700.208.0			
X 15006	600 N 15006 AA10C1	004	BW	600			1355			HYDRA LRK	WITZENMANN		
		C6		PN10						10.600.207.0			
V 15010 H1	700 A 13001 AA10C1	004	T	4			105			BOLLIN	SIEKMANN		
		G4	DIN ISO 228-1	PN250									
A 15011	25 C 15020 BA25C1	004	SW	1"			95			GESTRA	SIEKMANN		
		G4		PN40						BK 45			
UK 15011	700 A 13001 AA10C1	004	F	700			700			KÜHME	KÜHME		
		F5	2632	PN10									
UK 15012	600 N 15010 AA10C1	004	F	600			600			KÜHME	KÜHME		
		E5	2632	PN10									
UK 15013	100 N 15011 AA10C1	004	F	100			350			XOMOX	XOMOX		
		D5	2632	PN10									
V 15013	100 N 15011 AA10C1	004	F	100			350	40		ARI	SIEKMANN		
		E5	2634	PN25			355			34.006/34.306			
UK 15014	600 N 15008 AA10C1	004	F	600			600			KÜHME	KÜHME		
		C5	2632	PN10									
UK 15016	700 A 15001 AA10C1	004	F	700			650			KÜHME	KÜHME		
		B5	2632	PN10									




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			Form	DN	Type	Length	Height	Manufacturer		Supplier	Date of delivery		
												DIN	
UK 15017	100 A 15004 AA10C1	Coord.											
		004	F	100	56		XOMOX	XOMOX					
V 15017	100 A 15004 AA10C1	C5	2633	PN16									
		004	F	100	350		ARI	SIEKMANN					
UK 15018	100 A 13003 AA10C1	C6	2634	PN25				40		34.006/34.306			
		004	F	100	56		XOMOX	XOMOX					
A 15021	25 C 15021 BA25C1	G5	2633	PN16									
		004	SW	1"	95		GESTRA	SIEKMANN					
UK 15021	700 A 13002 AA10C1	G8		PN40						BK 45			
		004	F	700	700		KÜHME	KÜHME					
V 15021 H1	700 A 15001 AA10C1	F7	2632	PN10									
		004	T	4	105		BOLLIN	SIEKMANN					
UK 15022	600 N 15012 AA10C1	C4	DIN EN 837-1	PN250									
		004	F	600	600		KÜHME	KÜHME					
V 15022 H1	700 A 15003 AA10C1	E6	2632	PN10									
		004	T	4	105		BOLLIN	SIEKMANN					
UK 15023	100 N 15013 AA10C1	C7	DIN EN 837-1	PN250									
		004	F	100	56		XOMOX	XOMOX					
UK 15024	600 N 15008 AA10C1	E7	2633	PN16									
		004	F	600	600		KÜHME	KÜHME					
UK 15026	700 A 15003 AA10C1	C6	2632	PN10									
		004	F	700	700		KÜHME	KÜHME					
UK 15028	100 A 13004 AA10C1	B6	2632	PN10									
		004	F	100	350		XOMOX	XOMOX					

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			Form	DN	Type	Length	Height	Manufacturer		Supplier	Date of delivery		
												Coord.	
V 15031 H1	F15031	004	T	4		105			BOLLIN	SIEKMANN		Delivery with F15031	
		B7	DIN EN 837-1	PN250									
V 15031 L1	F15031	004	T	4		105			BOLLIN	SIEKMANN		Delivery with F15031	
		B8	DIN EN 837-1	PN250									
V 15035 H1	700 A 15002 AA10C1	004	T	4		105			BOLLIN	SIEKMANN			
		B8	DIN EN 837-1	PN250									
V 15035 H3	700 A 15002 AA10C1	004	T	4		105			BOLLIN	SIEKMANN			
		B9	DIN EN 837-1	PN250									
V 15035 H4	FT15035	004	T	4		105			BOLLIN	SIEKMANN		Delivery with FT15035	
		B10	DIN EN 837-1	PN250									
V 15035 L1	FT15035	004	T	4		105			BOLLIN	SIEKMANN		Delivery with FT15035	
		B10	DIN EN 837-1	PN250									
PV 15037	400 A 15015 AA10C1	004	F	200		600			FLOWSERVE	FLOWSERVE			
		G10	2632	PN10									
V 15037 H1	400 A 15015 AA10C1	004	T	4		105			BOLLIN	SIEKMANN			
		G10	DIN EN 837-1	PN250									
V 15038 H2	700 A 15002 AA10C1	004	T	4		105			BOLLIN	SIEKMANN			
		B8	DIN EN 837-1	PN250									
PK 15041	600 N 20011 AA10C1	003	F	500		127			XOMOX	XOMOX			
		D9	2632	PN10									
V 15041 H1	500 N 20010 AA10C1	005	T	4		105			BOLLIN	SIEKMANN			
		C9	DIN EN 837-1	PN250									
V 15041 H2	FT15041	005	T	4		105			BOLLIN	SIEKMANN		Delivery with FT15041	
		G4	DIN EN 837-1	PN250									

AIR LIQUIDE

## Complete valve list ASU Area

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Project: KOSICE, ASU Area  
Project No.: K70101  
List State.: As B.

Valve No.	Place of Install.	P & I Sheet	Connection			Measure (mm)		Weight [kg]	Order data			Remarks
			Form	DN	PN	Type	Length Height		Manufacturer Type	Supplier Spec.-No.	Date of delivery	
V 15041 L1	FT15041	005	T	4	PN250		105		BOLLIN	SIEKMANN		Delivery with FT15041
K 15042	500 N 20010 AA10C1	G4	DIN EN 837-1	500	PN10		127		XOMOX	XOMOX		
TV 15043	25 C 15022 BA25C1	F9	2632	25	PN40		160		7500	FLOWERVE		
V 15043 H1	600 N 15006 AA10C1	005	F	4	PN250		105		BOLLIN	SIEKMANN		
UK 15044	500 N 20012 AA10C1	D5	DIN EN 837-1	500	PN10		127		XOMOX	XOMOX		
UK 15045	500 N 20016 AA10C1	005	F	500	PN10		127		XOMOX	XOMOX		
V 15046	25 C 15022 BA25C1	E3	2632	25	PN40		160	8,5	LVF	SIEKMANN		
V 15081	W15001	005	F	50	PN40		248		4B-SK 215	DAVR418001E		
V 15082	25 C 15024 BA25C1	F8	2635	25	PN40		230		LVF	SIEKMANN		Delivery with W15001
V 15083	25 C 15022 BA25C1	005	F	25	PN40		160	8,5	4B-SK 215	SIEKMANN		
H 15085	25 C 15020 BA25C1	D7	2635	25	PN40		248		LVF	SIEKMANN		
H 15085 H1	25 C 15020 BA25C1	005	F	25	PN40		160	8,5	4B-SK 215	DAVR418001E		
		E8	2635	25	PN40		248		LVF	SIEKMANN		
		004	T	1"	PN16		97,2	1,5	ECONOSTO	SIEKMANN		
		G4	DIN ISO 228-1	25	PN40		85					
		004	F	25	PN40		125	4,9	BAC	SIEKMANN		
		F4	2635	25	PN40		106					



## Complete valve list ASU Area

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Project: KOSICE, ASU Area  
Project No.: K70101  
List State.: As B.

Valve No.	Place of Install.	P & I Sheet	Connection				Measure (mm)		Weight [kg]	Order data			Remarks
			Form	DN		Type	Length	Height		Manufacturer	Supplier	Date of delivery	
				DIN	PN								
V 15085	25 C 15020 BA25C1	Coord.											
		004	F	25		160		LVF	SIEKMANN				
		G4	2635	PN40		248		4B-SK 215	DAVR418001E				
H 15086	25 C 15022 BA25C1	005	T	1"		97,2		1,5					
		E8	DIN ISO 228-1	PN16		85							
		004	T	1"		97,2		ECONOSTO	SIEKMANN				
H 15087	25 C 15021 BA25C1	G7	DIN ISO 228-1	PN16		85		1,5					
		004	F	25		125		BAC	SIEKMANN				
		F8	2635	PN40		106							
H 15087 HI	25 C 15021 BA25C1	004	F	25		160		8,5					
		G7	2635	PN40		248		LVF	SIEKMANN				
		004	F	80		64		RITAG	SIEKMANN				
R 15092	80 A 15018 AA10C1	D10	2633	PN16				7,5					
		004	F	80		310		ARI	SIEKMANN				
		D10	2635	PN40		305		35.006/35.306					
V 15092	80 A 15018 AA10C1	004	F	80		310		28					
		D10	2635	PN40		305		ARI	SIEKMANN				
		004	F	80		310		ARI	SIEKMANN				
V 15094	80 A 15018 AA10C1	D11	2635	PN40		305		28					
		006	BW	250		920		HYDRA LRN	WITZENMANN				
		D9		PN63				63.0250.050.0					
X 16001	250 A 16001 AA63C1	006	F	500		127							
		C1	2632	PN10				XOMOX	XOMOX				
		006	T	4		105		BOLLN	SIEKMANN				
PK 16007	500 A 15005 AA10C1	D10	DIN EN 837-1	PN250									
		006	F	100		430		FLOWSERVE	FLOWSERVE				
		B9	2636	PN63									
V 16055 HI	250 A 16001 AA63C1	006	T	4		105							
		D10	DIN EN 837-1	PN250									
		006	F	100		430		FLOWSERVE	FLOWSERVE				
HV 16071	150 A 16002 AA63C1	B9	2636	PN63									

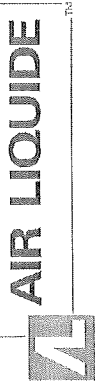


## Complete valve list ASU Area

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Project: KOSICE, ASU Area  
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Valve No.	Place of Install.	P & I Sheet Coord.	Connection			Measure (mm)		Weight [kg]	Order data			Remarks
			Form	DN	PN	Type	Length Height		Manufactor Type	Supplier Spec.-No.	Date of delivery	
HK 16073	250 A 16001 AA63C1	006 D10	F 2636	250 PN63			114		XOMOX	XOMOX		
V 16073 H1	FT16073	006 D11	T DIN EN 837-1	4 PN250			105		BOLLIN	SIEKMANN		Delivery with FT16073
V 16073 L1	FT16073	006 D12	T DIN EN 837-1	4 PN250			105		BOLLIN	SIEKMANN		Delivery with FT16073
V 16546	300 WC 80003 AA10C2	006 F6										
V 16547	300 WC 16003 AA10C2	006 G6										
K 16630	300 WC 80003 AA10C2	006 F2	F 2632	300 PN10			78		XOMOX 7500	XOMOX		
K 16631	150 WC 80015 AA10C2	006 G2	F 2633	150 PN16			56		XOMOX 7500	XOMOX		
K 16632	300 WC 16003 AA10C2	006 G2	F 2632	300 PN10			78		XOMOX 7500	XOMOX		
V 16633	WC 80018 AA10C2	028 D11										
V 16634	WC 16803 AA10C2	028 D12										
F 16751	40 N 81010 AA10C1	028 G1	F 2633	40 PN16			200		KROMBACH	SIEKMANN		
V 16751	40 N 81010 AA10C1	028 G1	BW	40 PN10								



## Complete valve list ASU Area

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Project No.: K70101  
List State.: As B.

Valve No.	Place of Install.	P & I Sheet	Connection				Measure (mm)		Weight [kg]	Order data			Remarks
			Form	DIN	DN	PN	Type	Length		Manufacturer	Supplier	Date of delivery	
		Coord.	DIN					Height		Type	Spec.-No.		
FV 20001	100 N 20004 ZB40C1	010	F		100			350		FLOWERVE	FLOWERVE		
		C10	2635		PN40								
R 20001	100 N 20004 ZB40C1	010	F		100			64	9	RITAG	SIEKMANN		
		C10	2635		PN40					ZRD 2			
V 20001 H1	FE20001	010	T		4			105		BOLLIN	SIEKMANN		Delivery with FE20001
		B7	DIN EN 837-1		PN250								
V 20001 H2	100 N 20004 ZB40C1	010	T		4			105		BOLLIN	SIEKMANN		
		C7	DIN EN 837-1		PN250								
V 20001 H3	100 N 20004 ZB40C1	010	T		4			105		BOLLIN	SIEKMANN		
		C5	DIN EN 837-1		PN250								
V 20001 L1	FE20001	010	T		4			105		BOLLIN	SIEKMANN		Delivery with FE20001
		B8	DIN EN 837-1		PN250								
FV 20002	80 N 20018 ZB40C1	010	F		50			230		FLOWERVE	FLOWERVE		
		B9	2635		PN40								
FK 20005	600 N 20008 AA10C1	010	F		600			154		XOMOX	XOMOX		
		E8	2632		PN10								
V 20005 H1	FT20005	010	T		4			105		BOLLIN	SIEKMANN		Delivery with FT20005
		D5	DIN EN 837-1		PN250								
V 20005 H2	600 N 20008 AA10C1	010	T		4			105		BOLLIN	SIEKMANN		
		E5	DIN EN 837-1		PN250								
V 20005 H3	600 N 20008 AA10C1	010	T		4			105		BOLLIN	SIEKMANN		
		E4	DIN EN 837-1		PN250								
V 20005 L1	FT20005	010	T		4			105		BOLLIN	SIEKMANN		Delivery with FT20005
		D5	DIN EN 837-1		PN250								



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Valve No.	Place of Install.	P & I Sheet	Connection			Measure (mm)	Weight [kg]	Order data			Remarks
			Form	DN	Type			Manufacturer	Supplier	Date of delivery	
		Coord.	DIN	PN		Length	Height	Type	Spec.-No.		
FK 20006	400 N 20017 AA10C1	010	F	400		102		XOMOX	XOMOX		
		D7	2632	PN10							
X 20008	600 N 20008 AA10C1	010	BW	600		840		HYDRA LRK	WITZENMANN		
		E8		PN10				10.600.055.0			
FV 20011	250 O 20006 ZB40C1	010	F	250		730		FLOWSERVE	FLOWSERVE		
		H7	2635	PN40							
R 20011	250 O 20006 ZB40C1	010	F	250		114		RITAG	SIEKMANN		
		H7	2635	PN40				ZRD 2			
V 20011 H1	FE20011	010	T	4		105		BOLLIN	SIEKMANN		
		G4	DIN EN 837-1	PN250							Delivery with FE20011
V 20011 H2	250 O 20006 ZB40C1	010	T	4		105		BOLLIN	SIEKMANN		
		G4	DIN EN 837-1	PN250							
V 20011 H3	250 O 20006 ZB40C1	010	T	4		105		BOLLIN	SIEKMANN		
		G2	DIN EN 837-1	PN250							
V 20011 L1	FE20011	010	T	4		105		BOLLIN	SIEKMANN		
		G4	DIN EN 837-1	PN250							Delivery with FE20011
FV 20012	300 O 20019 ZB40C1	010	F	150		480		FLOWSERVE	FLOWSERVE		
		G6	2635	PN40							
V 20012 H1	250 O 20006 ZB40C1	010	T	1/2"		130		KLAUS UNION	SIEKMANN		
		G3	DIN EN 837-1	PN40							
X 20020	400 N 20008 AA10C1	010	BW	400		715		HYDRA LRR	WITZENMANN		
		E9		PN10				10.0400.051.0			
UK 20026	500 A 15002 AA10C1	006	F	500		127		XOMOX	XOMOX		
		A3	2632	PN10							

**Date of print:** 10. Jul. 07






# Complete valve list

## ASU Area

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**Project:** KOSICE, ASU Area  
**Project No.:** K70101  
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Valve No.	Place of Install.	P & I Sheet	Connection				Measure (mm)		Weight [kg]	Order data			Remarks
			Form	DN		Type	Length	Height		Manufacturer	Supplier	Date of delivery	
				DIN	PN								
UK 20027	150 A 15009 AA10C1	Coord.											
		006	F	150		70			XOMOX	XOMOX			
V 20029 H1	700 N 20011 AA10C1	A2	2633	PN16									
		009	T	1/2"		90		2,1	LVF	SIEKMANN			
X 20030	400 N 20008 AA10C1	A5	DIN EN 837-1	PN100									
		010	BW	400		168			B 203	AAVR637001E			
FV 23073	50 NL 23011 ZB16C1	E12		PN10									
		011	F	25		715			HYDRA LRR	WITZENMANN			
LV 23076	80 OL 61103 ZB16C1	D10	2633	PN16									
		011	F	25		160			FLOWERVE	FLOWERVE			
PV 24010	25 A 16004 AA63C1	F10	2633	PN16									
		007	F	25		160			FLOWERVE	FLOWERVE			
V 24134	40 WC 80016 AA10C1	C10	2636	PN63									
		029	BW	40		180		7,3	PERSTA	SIEKMANN			
R 24150	25 N 81025 AA10C1	E12		PN40									
		029	F	25		265			200 AE/BE 21.2				
V 24150	25 N 81025 AA10C1	B8	2633	PN16									
		029	BW	25		22		0,52	GESTRA	SIEKMANN			
F 24155	25 A 16004 AA63C1	B8		PN40									
		029	BW	25		130		7	LVF	SIEKMANN			
R 24155	25 A 16004 AA63C1	B7		PN63									
		029	F	25		248			4B SK 215 BW	DAVR438001E			
V 24155	25 A 16004 AA63C1	B8	2636	PN63									
		029	BW	25					PERSTA	SIEKMANN			
V 24155	25 A 16004 AA63C1	B8		PN40									
		029	BW	25		130		7	LVF	SIEKMANN			
		B8		PN40									
		029	BW	25		248			4B SK 215 BW	DAVR438001E			



# Complete valve list

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Project: KOSICE, ASU Area  
Project No.: K70101  
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Valve No.	Place of Install.	P & I Sheet	Connection				Measure (mm)		Weight [kg]	Order data			Remarks
			Form	DN		Type	Length	Height		Manufactor	Supplier	Date of delivery	
				DIN	PN								
V 24234	40 WC 80017 AA10C1	Coord.											
		030	BW	40		180		7,3	PERSTA	SIEKMANN			
R 24250	25 N 81026 AA10C1	E12		PN10		265			200 AE/BE 21.2				
		030	F	25		22		0,52	GESTRA	SIEKMANN			
V 24250	25 N 81026 AA10C1	B8	2633	PN16					RK 86				
		030	BW	25		130		7	LVF	SIEKMANN			
F 24255	25 A 16005 AA63C1	B8		PN40		248			4B SK 215 BW	DAVR438001E			
		030	BW	25		160			KROMBACH	SIEKMANN			
R 24255	25 A 16005 AA63C1	B7		PN63					Nr.310				
		030	F	25		160		5,9	ARI	SIEKMANN			
V 24255	25 A 16005 AA63C1	B8	2635	PN40		80			35.003				
		030	BW	25		130		7	LVF	SIEKMANN			
F 34181	40 A 15030 AA10C1	B8		PN40		248			4B SK 215 BW	DAVR438001E			
		007	F	40		200							
F 34281	40 A 15031 AA10C1	F8	2633	PN16									
		008	F	40		200							
F 40191	25 A 15036 AA10C1	G8	2633	PN16									
		016	F	25		160							
LV 43033	25 RL 43002 ZB16C1	G5	2633	PN16									
		018	F	25		160			FLOWSERVE	FLOWSERVE			
F 43080	25 A 15038 AA10C1	F10	2633	PN16									
		018	F	25		160							
V 43080	25 A 15038 AA10C1	F3	2633	PN16									
		018	F	25		160		8,5	LVF	SIEKMANN			
		G3	2635	PN40		248			4B-SK 215	DAVR418001E			

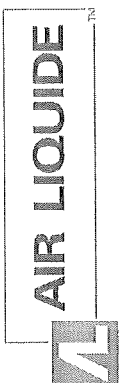


## Complete valve list ASU Area

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Project: KOSICE, ASU Area  
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Valve No.	Place of Install.	P & I Sheet Coord.	Connection			Measure (mm)		Weight [kg]	Order data			Remarks
			Form	DN	PN	Type	Length Height		Manufacturer Type	Supplier Spec.-No.	Date of delivery	
V 43081	25 A 15038 AA10C1	018 F4	F 2635	15 PN40			130 182,5	4	LVF 4B-SK 213	SIEKMANN DAVR416001E		
V 44004	50 RL 44205 ZB40C1	042 E11	BW	50 PN40					KLAUS UNION	SIEKMANN		
V 44033	50 RL 44203 ZB40C1	042 E11	BW	50 PN40					KLAUS UNION	SIEKMANN		
R 44057	50 RL 44203 ZB40C1	042 E12	BW	50 PN40			230 140		KLAUS UNION	SIEKMANN		
V 44057 H1	50 RL 44203 ZB40C1	042 E10	T DIN EN 837-1	4 PN250			105		BOLLIN	SIEKMANN		
H 44058	50 RL 44203 ZB40C1	042 E12	T DIN ISO 228-1	1/2" PN40			67,5 65	0,6	ECONOSTO	SIEKMANN		
V 44059 H1	80 RL 44101 ZB16C1	042 F8	T	1/4" PN10								
PV 44105	25 RL 44104 ZB40C1	041 C9	BW	25 PN40			160		FLOWERVE	FLOWERVE		
V 44111	25 RL 43001 ZB16C1	041 E5	F 2635	15 PN40			130		KLAUS UNION	SIEKMANN		
PV 44205	25 RL 44204 ZB40C1	042 D8	BW	25 PN40			160		FLOWERVE	FLOWERVE		
H 44210	80 RL 44101 ZB16C1	042 F6	BW	80 PN16			169,5 146	13	KROMBACH R 66 T CBS	SIEKMANN		
V 44211	25 RL 43003 ZB16C1	042 F4	F 2635	15 PN40			130		KLAUS UNION	SIEKMANN		

	<h2 style="margin: 0;">Complete valve list</h2> <h3 style="margin: 0;">ASU Area</h3>	Diagram No.: 792.86811 Revision: As B. Date: 30.11.2006 Diagram state: As B.	Project: KOSICE, ASU Area Project No.: K70101 List State.: As B.
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Valve No.	Place of Install.	P & I Sheet	Connection			Measure (mm)		Weight [kg]	Order data			Remarks
			Form	DN	Type	Length	Height		Manufactor	Supplier	Date of delivery	
V 44220 H1	80 RL 44201 ZB16C1	042	T	4		105			BOLLIN	SIEKMANN		
		F5	DIN EN 837-1	PN250								
V 44238	50 RL 44102 ZB16C1	042	BW	50					KLAUS UNION	SIEKMANN		
		C8		PN16								
V 44260 H1	80 RL 44101 ZB16C1	042	T	4		105			BOLLIN	SIEKMANN		
		G7	DIN EN 837-1	PN250								
PV 48005	25 R 48009 ZB40C1	044	F	25		160			FLOWERVE	FLOWERVE		
		B8	2635	PN40								
HV 48010	80 RL 44101 ZB16C1	043	F	80		310			FLOWERVE	FLOWERVE		
		G3	2633	PN16								
V 48020 H1	25 R 48033 ZB40C1	044	T	4		105			BOLLIN	SIEKMANN		
		F6	DIN EN 837-1	PN250								
V 48030	25 R 48009 ZB40C1	044	BW	25					FVS	SIEKMANN		
		C8		PN40								
HV 48050	50 RL 48001 ZB40C1	043	F	50		230			FLOWERVE	FLOWERVE		
		C7	2635	PN40								
V 48050	50 RL 48001 ZB40C1	043	T	4		105			BOLLIN	SIEKMANN		
		D4	DIN EN 837-1	PN250								
R 48052	50 RL 48001 ZB40C1	043	BW	50		230			KLAUS UNION	SIEKMANN		
		C7		PN40		140						
HV 48070	50 RL 48004 ZB40C1	043	F	50		230			FLOWERVE	FLOWERVE		
		B5	2635	PN40								
V 48081	80 RL 44101 ZB16C1	043	SW	1/4"								
		G4		PN10								

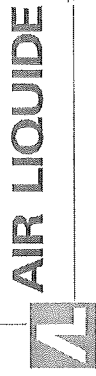


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Project: KOSICE, ASU Area  
Project No.: K70101  
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Valve No.	Place of Install.	P & I Sheet	Connection				Measure (mm)		Weight [kg]	Order data			Remarks
			Form	DN		Type	Length	Height		Manufacturer	Supplier	Date of delivery	
				DIN	PN								
V 48101	25 R 48033 ZB40C1	Coord.	F	25	PN40		160		KLAUS UNION	SIEKMANN			
		F7											
V 48102	50 R 48033 ZB40C1	044	F	50	PN40		230		KLAUS UNION	SIEKMANN			
		F9											
V 48201	25 R 48034 ZB40C1	044	F	25	PN40		160		KLAUS UNION	SIEKMANN			
		G7											
V 48202	50 R 48034 ZB40C1	044	F	50	PN40		230		KLAUS UNION	SIEKMANN			
		G9											
pV 49020	50 R 48033 ZB40C1	044	F	50	PN40		230		FLOWSERVE	FLOWSERVE			
		F11											
V 49020 H1	50 R 48033 ZB40C1	044	T	4		105			BOLLIN	SIEKMANN			
		E11											
V 49021	50 R 48033 ZB40C1	044	F	50	PN250		230		KROMBACH	SIEKMANN			
		F12											
V 49021 H1	50 R 48033 ZB40C1	044	T	4		105			BOLLIN	SIEKMANN			
		E9											
V 49021 H2	50 R 48033 ZB40C1	044	DIN EN 837-1	PN250		105			BOLLIN	SIEKMANN			
		F9											
F 61190	25 A 15033 AA10C1	012	F	25	PN16		160						
		H4											
HH 61203	15 OL 61207 ZB16C1	012	F	15	PN16		130		XOMOX	XOMOX			
		G4											
HK 70001	400 N 20008 AA10C1	019	F	400	PN10		102		XOMOX	XOMOX			
		B1											

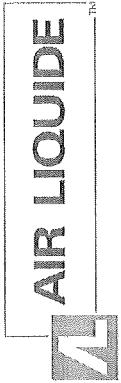


## Complete valve list ASU Area

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Date: 30.11.2006  
Diagram state: As B.

Project: KOSICE, ASU Area  
Project No.: K70101  
List State: As B.

Valve No.	Place of Install.	P & I Sheet	Connection					Measure (mm)	Weight [kg]	Order data			Remarks
			Form		DN		Type			Manufacturer	Supplier	Date of delivery	
			DIN	PN	PN	Spec.-No.							
V 70001 H1	400 N 20008 AA10C1	019	T		4		105		BOLLIN	SIEKMANN			
		B2	DIN EN 837-1		PN250								
X 70004	400 N 20008 AA10C1	019	BW		400		70		RUBBER				
		B3			PN10								
V 70005	N70041	020	T		4		105		BOLLIN	SIEKMANN			
		F10	DIN EN 837-1		PN250								
HV 70035	150 N 75006 AA16C1	019	F		150		480		FLOWSERVE	FLOWSERVE			
		E11	2633		PN16								
HK 70036	250 N 75005 AA16C1	019	F		250		76		XOMOX	XOMOX			
		E10	2633		PN16								
K 70040	250 N 75005 AA16C1	019	F		250		68		XOMOX	XOMOX			
		E10	2633		PN16				7500				
K 70505	150 WC 80007 AA10C2	019	F		150		56		XOMOX	XOMOX			
		F2	2633		PN16				7500				
K 70506	100 WC 70022 AA10C2	019	F		100		52		XOMOX	XOMOX			
		G2	2633		PN16				7500				
K 70580	150 WC 70020 AA10C2	019	F		150		56		XOMOX	XOMOX			
		G2	2633		PN16				7500				
PV 71180	15 N 20028 AA40C1	015	BW		15		130						
		E11			PN40								
F 71191	25 A 15034 AA16C1	015	F		25		160						
		H4	2633		PN16								
HH 71203		015	F		15		130		XOMOX	XOMOX			
		F4	2633		PN16								



Complete valve list

ASU Area

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Project: KOSICE, ASU Area  
Project No.: K70101  
List State.: As B.

Valve No.	Place of Install.	P & I Sheet	Connection				Measure (mm)		Weight [kg]	Order data			Remarks
			Form	DN	Type	Length	Height	Manufacturer		Supplier	Date of delivery		
												Coord.	
HK 77001	400 N 20009 AA10C1	020	F	400			1100		XOMOX	XOMOX			
		B1	2632	PN10									
V 77001 H1	400 N 20009 AA10C1	020	T	4			105		BOLLIN	SIEKMANN			
		B2	DIN EN 837-1	PN250									
X 77004	400 N 20009 AA10C1	020	BW	400					HYDRA	WITZENMANN			
		B3		PN10									
HV 77035	150 N 76006 AA16C1	020	F	150			480		FLOWSERVE	FLOWSERVE			
		D10	2633	PN16									
HK 77036	250 N 76005 AA16C1	020	F	250			70		XOMOX	XOMOX			
		E10	2633	PN16									
K 77040	250 N 76005 AA16C1	020	F	250			68		XOMOX	XOMOX			
		E10	2633	PN16									
K 77505	250 WC 80008 AA10C2	020	F	150			56		XOMOX	XOMOX			
		F2	2633	PN16									
K 77506	100 WC 70023 AA10C2	020	F	100			52		XOMOX	XOMOX			
		G2	2633	PN16									
K 77590	150 WC 70021 AA10C2	020	F	150			56		XOMOX	XOMOX			
		G2	2633	PN16									
K 80001	500 WC 80001 AA10C2	023	F	500			127		XOMOX	XOMOX			
		A2	2632	PN10									
V 80001 H1	500 WC 80001 AA10C2	023	T	4			105		BOLLIN	SIEKMANN			
		A5	DIN ISO 228-1	PN250									
V 80002	500 WC 80001 AA10C2	023											
		B5											


**AIR LIQUIDE**

## Complete valve list ASU Area

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Project No.: K70101  
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Valve No.	Place of Install.	P & I Sheet	Connection			Measure (mm)		Weight [kg]	Order data			Remarks
			Form	DN	Type	Length	Height		Manufacturer	Supplier	Date of delivery	
		Coord.	DIN	PN					Type	Spec.-No.		
V 80003	80 WC 80006 AA10C2	023										
		C5										
K 80010	500 WC 24301 AA10C2	023	F	500		127			XOMOX	XOMOX		
		G2	2632	PN10					7500			
V 80011	500 WC 24301 AA10C2	023										
		G4										
V 80012	80 WC 24201 AA10C2	023										
		F6										
V 81009	80 N 81033 AA10C1	025	F	80		310		28	ARI	SIEKMANN		
		G4	2633	PN16		305						
V 82005	50 A 15016 AA10C1	025	BW	50		210		23	LVF	SIEKMANN		
		A3		PN40		338			4B SK 218 BW	DAVR43B001E		
V 82006	50 A 15040 AA10C1	025										
		C10										
V 82010 H1	50 A 15016 AA10C1	025	T	4		105			BOLLN	SIEKMANN		
		A3	DIN EN 837-1	PN250								
A 84024	25 S 84030 BA25C1	005	BW	1"		95			GESTRA	SIEKMANN		
		C8		PN40					BK 45			
A 84025	25 S 84032 BA25C1	005	BW	25								
		C6		PN40								
V 84025	100 S 84002 BA25C1	005	F	100		350		39,5	ARI	SIEKMANN		
		C7	2635	PN40		355			35.006/35.306			
V 84033	25 S 84011 BA25C1	026	F	25		160		8,5	LVF	SIEKMANN		
		G10	2635	PN40		248			4B-SK 215	DAVR418001E		




## Complete valve list ASU Area


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Valve No.	Place of Install.	P & I Sheet Coord.	Connection			Measure (mm)		Weight [kg]	Order data			Remarks
			Form	DN	PN	Type	Length	Height	Manufacturer	Supplier	Date of delivery	
A 84034	25 S 84010 BA25C1	026 G10	F	25	PN40		160		GESTRA	SIEKMANN		
			2635						BK 45			
V 84034	25 S 84010 BA25C1	026 G10	F	25	PN40		160	8,5	LVF	SIEKMANN		
			2635				248		4B-SK 215	DAVR418001E		
V 84035	100 S 84003 BA25C1	026 F9	F	100	PN40		350	39,5	ARI	SIEKMANN		
			2635				355		35.006/35.306			
V 84040	150 S 84005 BA25C1	031 C10	F	150	PN40		480	84	ARI	SIEKMANN		Tank farm
			2635				450		35.006/35.306			
V 84050	150 S 84006 BA25C1	031 C11	F	150	PN40		480	84	ARI	SIEKMANN		Tank farm
			2635				450		35.006/35.306			
V 84092	25 S 84030 BA25C1	005 C8	F	25	PN40		160	8,5	LVF	SIEKMANN		
			2635				248		4B-SK 215	DAVR418001E		
V 84093	25 S 84031 BA25C1	005 B8	F	25	PN40		160	8,5	LVF	SIEKMANN		
			2635				248		4B-SK 215	DAVR418001E		
V 84094	25 S 84032 BA25C1	005 C6	F	25	PN40		160					
			2635									
V 84095	25 S 84033 BA25C1	005 B6	F	25	PN40		160					
			2635									
H 87010	100 N 20013 AA10C1	005 B11	F	100	PN16		350		ECONOSTO	SIEKMANN		
			2633									
PV 87011	50 N 81004 AA10C1	024 G3	F	40	PN16		200					
			2633									
V 87012 HI	100 N 87001 AA10C1	024 G6	T	4	PN250		105		BOLLIN	SIEKMANN		
			DIN EN 837-1									

	<h2 style="text-align: center;">Complete valve list</h2> <h3 style="text-align: center;">ASU Area</h3>		<b>Diagram No.:</b> 792.86811 <b>Revision:</b> As B. <b>Date:</b> 30.11.2006 <b>Diagram state:</b> As B.		<b>Project:</b> KOSICE, ASU Area <b>Project No.:</b> K70101 <b>List State:</b> As B.	

Valve No.	Place of Install.	P & I Sheet	Connection				Measure (mm)		Weight [kg]	Order data			Remarks	
			Form	DN		Type	Length	Height		Manufacturer	Supplier			Date of delivery
				DIN	PN						Type	Type		
H 87017	100 N 20013 AA10C1	Coord.												
		024	F	100		350		XOMOX	XOMOX					
		C3	2633	PN16										
R 87017	100 N 20013 AA10C1	024	F	100		64		9		RITAG	SIEKMANN			
		C3	2633	PN16				ZRD 1						
V 87020	25 N 87002 AA10C1	024	F	25		160		8,5		LVF	SIEKMANN			
		G6	2635	PN40		248		4B-SK 215	DAVR418001E					
V 87021	25 N 87003 AA10C1	024	F	25		160		8,5		LVF	SIEKMANN			
		G6	2635	PN40		248		4B-SK 215	DAVR418001E					
V 87060	25 N 87008 AA10C1	024	F	25		160		8,5		LVF	SIEKMANN			
		G9	2635	PN40		248		4B-SK 215	DAVR418001E					
V 87061	25 N 87007 AA10C1	024	F	25		160		8,5		LVF	SIEKMANN			
		G8	2635	PN40		248		4B-SK 215	DAVR418001E					
V 87062	25 N 87006 AA10C1	024	F	25		160		8,5		LVF	SIEKMANN			
		G8	2635	PN40		248		4B-SK 215	DAVR418001E					
V 87063	25 N 87005 AA10C1	024	F	25		160		8,5		LVF	SIEKMANN			
		G7	2635	PN40		248		4B-SK 215	DAVR418001E					
V 87064	25 N 87004 AA10C1	024	F	25		160		8,5		LVF	SIEKMANN			
		G7	2635	PN40		248		4B-SK 215	DAVR418001E					
A 88002	25 S 84012 BA25C1	031	F	25		160				GESTRA	SIEKMANN			
		E6	2635	PN40				BK 45						
A 88004	25 S 84018 BA25C1	031	F	25		160				GESTRA	SIEKMANN			
		E4	2635	PN40				BK 45						
A 88022	25 S 84014 BA25C1	031	F	25		160				GESTRA	SIEKMANN			
		E9	2635	PN40				BK 45						

	<h2 style="text-align: center;">Complete valve list</h2> <h3 style="text-align: center;">ASU Area</h3>		Diagram No.: 792.86811 Revision: As B. Date: 30.11.2006 Diagram state: As B.	Project: KOSICE, ASU Area Project No.: K70101 List State.: As B.

Valve No.	Place of Install.	P & I Sheet	Connection				Measure (mm)		Weight [kg]	Order data			Remarks	
			Form	DN		Type	Length	Height		Manufacturer	Supplier	Spec.-No.		Date of delivery
				DIN	PN									
V 88032	25 S 84014 BA25C1	031	F	25		160				LVF	SIEKMANN			
		E9	2635	PN40						4B SK 215				
V 88033	25 S 84015 BA25C1	031	F	25		160				LVF	SIEKMANN			
		E9	2635	PN40						4B SK 215				
V 88083	25 S 84012 BA25C1	031	F	25		160		8,5		LVF	SIEKMANN			
		E6	2635	PN40		248				4B-SK 215	DAVR418001E			
V 88084	25 S 84013 BA25C1	031	F	25		160		8,5		LVF	SIEKMANN			
		E6	2635	PN40		248				4B-SK 215	DAVR418001E			
V 88087	25 S 84018 BA25C1	031	F	25		160		8,5		LVF	SIEKMANN			
		E4	2635	PN40		248				4B-SK 215	DAVR418001E			
V 88088	25 S 84019 BA25C1	031	F	25		160		8,5		LVF	SIEKMANN			
		E4	2635	PN40		248				4B-SK 215	DAVR418001E			
A 90004	25 S 90007 BA25C1	026	F	25		160				GESTRA	SIEKMANN			
		G8	2635	PN40						BK 45				
R 90004	250 S 84003 BA25C1	026	F	250		114		45		RITAG	SIEKMANN			
		F7	2635	PN40						ZRD 1				
TV 90004	100 S 84003 BA25C1	026	F	100		350				FLOWERVE	FLOWERVE			
		F9	2635	PN40										
HV 90013	50 NL 90004 ZB16C1	026	F	50		230				FLOWERVE	FLOWERVE			
		F6	2633	PN16										
HV 90014	80 OL 90001 ZB16C1	026	F	80		310				FLOWERVE	FLOWERVE			
		F5	2633	PN16										
HV 90015	50 RL 90002 ZB16C1	026	F	50		230				FLOWERVE	FLOWERVE			
		E5	2633	PN16										



Complete valve list

ASU Area

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Valve No.	Place of Install.	P & I Sheet	Connection				Measure (mm)		Weight [kg]	Order data			Remarks
			Form	DN		Type	Length	Height		Manufacturer	Supplier	Date of delivery	
				DIN	PN								
V 90081	25 S 84011 BA25C1	Coord.											
		026	F	25		160		LVF	SIEKMANN				
		G10	2635	PN40		248		4B-SK 215	DAVR418001E				
V 90082	25 S 90007 BA25C1	026	F	25		160		LVF	SIEKMANN				
		G8	2635	PN40		248		4B-SK 215	DAVR418001E				
		026	F	25		160		LVF	SIEKMANN				
V 90083	25 S 90008 BA25C1	G8	2635	PN40		248		4B-SK 215	DAVR418001E				
		026	F	25		160		LVF	SIEKMANN				
		G8	2635	PN40		248		4B-SK 215	DAVR418001E				
V 90085	25 S 90008 BA25C1	026	F	25		160		LVF	SIEKMANN				
		G8	2635	PN40		248		4B-SK 215	DAVR418001E				
		026	BW	40				KLAUS UNION	SIEKMANN				
V 90111	40 OL 40102 ZB16C1	F3		PN40									
		026	BW	25				KLAUS UNION	SIEKMANN				
		F3		PN40									
V 90112	25 NL 21015 ZB16C1	026	BW	50									
		F3		PN40									
		026	BW	50				KLAUS UNION	SIEKMANN				
V 90113	50 OL 21024 ZB16C1	F3		PN40									
		026	BW	50				KLAUS UNION	SIEKMANN				
		F3		PN40									
V 90114	50 OL 21009 ZB16C1	026	BW	50									
		F3		PN40									
		026											
V 90115	Dump Vaporizer	F6											