



NET4GAS, s.r.o

**HP PIPELINE DN 1400, NODE
KATEŘINSKÝ POTOK – NODE
PŘIMDA**

**Ball Valves with Combined Sealing
≥ DN 300 - MTO**

30.07.2018

DVZ

ILF CONSULTING ENGINEERS

Werner-Eckert-Strasse 7, 81829 München, DE
Jirsíkova 5, 186 00 Praha 8, CZ

Phone: +49 89 25 55 94-0

+420 255 091 420

E-mail: info.muc@ilf.com

info.prg@ilf.com

Website: www.ilf.com



REVISION HISTORY

Rev.	Date	Issue, Purpose	Prepared	Checked	Approved
001	30.07.2018	Approved	Mustafa	Balatinec	Schorling
000	12.06.2018	Approved	Mustafa	Balatinec	Schorling
B01	03.05.2018	Issue for Review	Mustafa	Balatinec	Schorling
A01	20.04.2018	Issue for IDC	Mustafa	Balatinec	Schorling

Item No.	Diameter DN	Description	Type	Piping class	Pressure Rating	End Preparation	Material Specification	Data Sheet / Page	Painting / Coating	Installation	Quantity
-	[mm]	-	-	-	[barg]	-	-	-	-	-	(pcs)
1.0	LVS JIRKOV - TU33S (Note 1)										
1.1	500	Ball Valve – Electro Motor (MOV-7.3, MOV-7.4)	Type A	CS100-0	100	Weld / Weld	C4G-HPPL-ILF-GENER-STR-SPC-824	C4G-HPPL-ILF-GENER-STR-DAT-821 / 4	Painting	Aboveground	2
2.0	LVS VRSKMAN - KS07B (Note 1)										
2.1	500	Ball Valve – Electro Motor (MOV-7.10, MOV-7.11)	Type A	CS100-0	100	Weld / Weld	C4G-HPPL-ILF-GENER-STR-SPC-824	C4G-HPPL-ILF-GENER-STR-DAT-821 / 5	Painting	Aboveground	2
3.0	LVS HRUSOVANY - TU51S										
3.1	500	Ball Valve – Electro Motor (MOV-7.3, MOV-7.4)	Type A	CS100-0	100	Weld / Weld	C4G-HPPL-ILF-GENER-STR-SPC-824	C4G-HPPL-ILF-GENER-STR-DAT-821 / 6	Painting	Aboveground	2
4.0	LVS SYROVICE - TU52S										
4.1	500	Ball Valve – Electro Motor (MOV-7.3, MOV-7.4)	Type A	CS100-0	100	Weld / Weld	C4G-HPPL-ILF-GENER-STR-SPC-824	C4G-HPPL-ILF-GENER-STR-DAT-821 / 7	Painting	Aboveground	2
5.0	LVS MALMERICE - TU53S										
5.1	1200	Ball Valve – Gas Hydraulic with LBC (GHV-2.3)	Type G	CS100-0	100	Weld / Weld	C4G-HPPL-ILF-GENER-STR-SPC-824	C4G-HPPL-ILF-GENER-STR-DAT-821 / 8	Coating	Underground	1
5.2	500	Ball Valve – Electro Motor (MOV-7.5, MOV-7.6, MOV-7.7, MOV-7.8)	Type A	CS100-0	100	Weld / Weld	C4G-HPPL-ILF-GENER-STR-SPC-824	C4G-HPPL-ILF-GENER-STR-DAT-821 / 9	Painting	Aboveground	4
5.3	300	Ball Valve – Electro Motor (MOV-8.10, MOV-8.12)	Type F	CS100-0	100	Weld / Weld	C4G-HPPL-ILF-GENER-STR-SPC-824	C4G-HPPL-ILF-GENER-STR-DAT-821 / 10	Painting	Aboveground	2
5.4	300	Ball Valve – Electro Motor (MOV-8.11, MOV-8.13)	Type J	CS100-0	100	Weld / Weld	C4G-HPPL-ILF-GENER-STR-SPC-824	C4G-HPPL-ILF-GENER-STR-DAT-821 / 11	Painting	Aboveground	2
5.5	300	Ball Valve – Manual (MOV-8.14)	-	CS100-0	100	Flange / Flange	C4G-HPPL-ILF-GENER-STR-SPC-824	C4G-HPPL-ILF-GENER-STR-DAT-821 / 12	Painting	Aboveground	1
6.0	LVS MLADOTICE - TU40S										
6.1	500	Ball Valve – Electro Motor (MOV-7.3, MOV-7.4)	Type A	CS100-0	100	Weld / Weld	C4G-HPPL-ILF-GENER-STR-SPC-824	C4G-HPPL-ILF-GENER-STR-DAT-821 / 13	Painting	Aboveground	2
7.0	LVS HUBENOV - TU41S										
7.1	500	Ball Valve – Electro Motor (MOV-7.3, MOV-7.4)	Type A	CS100-0	100	Weld / Weld	C4G-HPPL-ILF-GENER-STR-SPC-824	C4G-HPPL-ILF-GENER-STR-DAT-821 / 14	Painting	Aboveground	2
8.0	LVS SVINOMAZY - TU42S										
8.1	500	Ball Valve – Electro Motor (MOV-7.25, MOV-7.26)	Type A	CS100-0	100	Weld / Weld	C4G-HPPL-ILF-GENER-STR-SPC-824	C4G-HPPL-ILF-GENER-STR-DAT-821 / 15	Painting	Aboveground	2
9.0	LVS BOR - TU48S										
9.1	500	Ball Valve – Electro Motor (MOV-7.3, MOV-7.4)	Type A	CS100-0	100	Weld / Weld	C4G-HPPL-ILF-GENER-STR-SPC-824	C4G-HPPL-ILF-GENER-STR-DAT-821 / 16	Painting	Aboveground	2
10.0	RU PRIMDA - RU005										
10.1	300	Ball Valve – Electro Motor (MOV-8.33)	Type J	CS100-0	100	Weld / Weld	C4G-HPPL-ILF-GENER-STR-SPC-824	C4G-HPPL-ILF-GENER-STR-DAT-821 / 17	Painting	Aboveground	1
10.2	300	Ball Valve – Manual (MOV-8.34)	-	CS100-0	100	Flange / Flange	C4G-HPPL-ILF-GENER-STR-SPC-824	C4G-HPPL-ILF-GENER-STR-DAT-821 / 18	Painting	Aboveground	1

Notes :

Note 1: The ball valves shall be installed either at LVS Jirkov (Datasheet page 4) or at LVS Vrskman (Datasheet page 5)

Type A - Motor Operated Valve (MOV) with Local and Remote Control and Monitoring Functionality

Type F - Motor Operated Valve (MOV) with Local Control and Monitoring as well as Remote Open/Close Monitoring Functionality

Type G - Gas Hydraulic Valve (GHV) with Local and Remote Control and Monitoring Functionality and LBC

Type J - Motor Operated Valve (MOV) with Local Control and Monitoring

LBC - Line Break Control

Design Temperature DT (Min./Max.) = -20°C/+50°C