NET4GAS, s.r.o

HP Pipeline DN1400, Node Kateřinský potok – Node Přimda

Ball Valves ≥ DN 300 - Pipe Yards

24.10.2018

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REVISION HISTORY

B01	24.10.2018	Issued for Review	Mathes	Balatinec	Schorling
A01	18.10.2018	Issued for IDC	Mathes	Balatinec	Schorling
Rev.	Date	Issue, Purpose	Prepared	Checked	Approved

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	**PY Vrskmaň (for 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	**PY Vrskmaň (for TU Vrskmaň TU50S) (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	**Pipe Yard Nezabylice (for TU Hrušovany 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	**Pipe Yard Chudeřín (for TU Sýrovice 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	**Pipe Yard Vroutek (for TU Malměřice 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	**Pipe Yard Pastuchovice (for TU 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	**Pipe Yard Dražen (for TU 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	**Pipe Yard Těchlovice (for TU Sviňomazy 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	**Pipe Yard Holostřevy (for TU 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	**Pipe Yard Souměř (for TU Přimda 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/Closeed 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