

Appendix B – Dispenser Type Models

B.1. Dispenser marking

Dispensers series **BMP500.S** are marked as follow:

BMP5xy.Sz, where

- x....is the number (1 or 2) of pumping units installed inside dispenser
- y.... is the number (1 or 2) of total quantity of the dispensing nozzles or dispensing hoses
- z....is one of the characters D, R or L that determinates the dispenser orientation on the station in the car arrival direction:
 - D - double-sided,
 - R - right-sided
 - L - left-sided

Dispensers series **BMP2000.S** are marked as follow:

BMP20xy.Ssz, where

- x....is the number (1 or 4) of pumping units installed inside dispenser
- y.... is the number (1 or 8) of total quantity of the dispensing nozzles or dispensing hoses
- s... one of the characters S, M, I or T, that describe type variation of the dispenser:
 - S - "small" variation of dispenser SHARK with height 1600 mm,
 - I - "island" variation of dispenser SHARK with height 1600 mm,
 - M - "medium" variation of dispenser SHARK with height 1900 mm and hoses reels,
 - T - "tall" variation of dispenser SHARK with height 2300 mm and free hung hoses ,
- z....one of the characters D, R and L that determinates the dispenser orientation on the station in the car arrival direction: D - double-sided,
 - R - right-sided
 - L - left-sided

B.2. Suffixies

After basic type is possible to use following suffixies:

/D0	Dispenser with volume (litres) displays only
/VR nebo /VR1	Vapour recovery of the one dispensed product
/VR2, /VR3, /VR4	Vapour recovery of the two, three or four dispensed products
/H nebo /H1	High flow pumping output of the one nozzle (70 ÷ 90 ltrs/min)
/H2	High flow pumping output of the two nozzles (70 ÷ 90 ltrs/min)
/LPG	LPG dispenser
/CNG	CNG dispenser
/UH	Ultra High flow pumping output of the one nozzle (120 ÷ 150 ltrs/min)
/MAS	Main dispenser (MASTER) with output to SLAVE dispenser
/SAT	Satellite dispenser connected to MASTER dispenser
-PV	Dispensing hose rising from front cover
-ZV1	Dispensing hose rising from back cover (hydraulics), nozzle is placed on back cover
-ZV2	Dispensing hose rising from back cover (hydraulics), nozzle is placed on the side of dispenser
-HS	Dispensing hose with hose spring
/CHIPPER	Builed credit automat CHIPPER
/TA2331	Dispenser is equipped by output signals for device Hectronic Tankautomat TA2331
/ADP	Used counter type ADP from company BetaControl s.r.o. with protocol Easy Call
/ADPMPD	Used counter type ADPMPD from company BetaControl s.r.o. with protocol Easy Call
/ADP-LON	Used counter type ADP from company BetaControl s.r.o. with protocol IFSF-LON
/ADPMPD-LON	Used counter type ADPMPD from company BetaControl s.r.o. with protocol IFSF-LON
/ER4	Communication via Hectronic (Kienzle) ER4 protocol
/LOG	Communication via Logitron PUMALAN protocol

B.3. Series BMP500.S ("Junior") - variety 1400mm

Type of dispenser	Number of pump sites	Number of pumps	Number of hoses	Number of displays	Pumping output [ltrs/min]	Variants
BMP511.SD	1	1	1	2	35 ÷ 50	/D0 /H L/R -HS
BMP521.SD /UH	1	2 (diesel)	1	2	120 ÷ 150	/D0 L/R
BMP501.SD /SAT	1	0	1	2	70 ÷ 90 (from Master)	/D0 L/R -HS

Notes:

- /D0 All dispensers in table would be used for non-public stations. In this case dispensers are equipped with volume display only. The suffix /D0 is used after dispenser type.
- L/R One-sided dispensers would be made as left-sided L (.SL), or right-sided R (.SR), from the direction of the car arrival.
- HS Dispensers are equipped with Hose Sprins

B.4. Series BMP500.SX ("Economy") - variety 1400mm

Type of dispenser	Number of pump sites	Number of pumps	Number of hoses	Number of displays	Pumping output [ltrs/min]	Variants
BMP521.SXD /UH /MAS	1	2 (diesel)	1	1	120÷150 70÷90 for sat	/NC /D0 L/R
BMP522.SXD	2	2	2	4	35 ÷ 50 35 ÷ 50	/NC /D0 /H L/R -HS
BMP522.SXD /UH /H	2	2 (diesel)	2	2	120 ÷ 150 70 ÷ 90	/NC /D0 L/R

Notes:

- /D0 All dispensers in table would be used for non-public stations. In this case dispensers are equipped with volume display only. The suffix /D0 is used after dispenser type.
- /NC This suffix is used for dispensers, where is not possible to take fuel simultaneously for both nozzles (non-simultaneous delivery)
- L/R One-sided dispensers would be made as left-sided L (.SXL), or right-sided R (.SXR), from the direction of the car arrival.
- HS Dispensers are equipped with Hose Sprins

B.5. Series BMP2000.SS ("Small") - variety 1600mm

Type of dispenser	Number of pump sites	Number of pumps	Number of hoses	Number of displays	Pumping output [ltrs/min]	Variants
BMP2011.SSD -ZV1	1	1	1	2	40 ÷ 60	/D0 /H L/R -HS
BMP2011.SSD /UH -ZV1	1	2 (diesel)	1	2	130 ÷ 150	/D0 L/R
BMP2012.SSD -ZV2	2	1	2	2	35 ÷ 50 35 ÷ 50	/D0 /H L/R
BMP2022.SSD /UH /H -ZV2	2	2 (diesel)	2	2	120 ÷ 150 70 ÷ 90	/D0

Notes:

- /D0 All dispensers in table would be used for non-public stations. In this case dispensers are equipped with volume display only. The suffix /D0 is used after dispenser type.
- /NC This suffix is used for dispensers, where is not possible to take fuel simultaneously for both nozzles (non-simultaneous delivery)
- L/R One-sided dispensers would be made as left-sided L (.SSL), or right-sided R (.SSR), from the direction of the car arrival.
- HS Dispensers are equipped with Hose Sprins

B.6. Series BMP2000.SI ("Island") - variety 1600mm

Type of dispenser	Number of pump sites	Number of pumps	Number of hoses	Number of displays	Pumping output [ltrs/min]	Variants
BMP2022.SID	2	2	2	4	35 ÷ 50 35 ÷ 50	/NC /D0 /H L/R -HS
BMP2022.SID /UH /H	2	2 (diesel)	2	4	120 ÷ 150 70 ÷ 90	/NC /D0 L/R
BMP2024.SID -ZV2	4	2	4	4	4x (35 ÷ 50)	/NC /D0 /H L/R

Notes:

- /D0 All dispensers in table would be used for non-public stations. In this case dispensers are equipped with volume display only. The suffix /D0 is used after dispenser type.
- /NC This suffix is used for dispensers, where is not possible to take fuel simultaneously for both nozzles (non-simultaneous delivery)
- L/R One-sided dispensers would be made as left-sided L (.SIL), or right-sided R (.SIR), from the direction of the car arrival.
- HS Dispensers are equipped with Hose Sprins

B.7. Series BMP2000.SM ("Medium") - variety 1900mm

Type of dispenser	Number of pump sites	Number of pumps	Number of hoses	Number of displays	Pumping output [ltrs/min]	Variants
BMP2011.SMD	1	1	1	1	35 ÷ 50	/D0 /H L/R -ZV1
BMP2021.SMD /UH	1	2 (diesel)	1	1	120 ÷ 150	/D0 L/R -ZV1
BMP2012.SMD	2	1	2	2	35 ÷ 50	/D0 /H
BMP2022.SML	1	2	2	1	35 ÷ 50	/D0 L/R /H
BMP2024.SMD	2	2	4	2	35 ÷ 50	/D0 /H
BMP2033.SML	1	3	3	1	35 ÷ 50	/D0 L/R /H
BMP2036.SMD	2	3	6	2	35 ÷ 50	/D0 /H
BMP2044.SML	1	4	4	1	35 ÷ 50	/D0 L/R /H
BMP2048.SMD	2	4	8	2	35 ÷ 50	/D0 /H

Notes:

- /D0 All dispensers in table would be used for non-public stations. In this case dispensers are equipped with volume display only. The suffix /D0 is used after dispenser type.
- L/R One-sided dispensers would be made as left-sided L (.SML), or right-sided R (.SMR), from the direction of the car arrival.
- ZV1 Dispensers marked -ZV1 have not nozzle reel. Dispensing hose comes out from back cover of the dispenser.

B.8. Series BMP2000.ST ("Tall") - variety 2300mm

Type of dispenser	Number of pump sites	Number of pumps	Number of hoses	Number of displays	Pumping output [ltrs/min]	Variants
BMP2001.STL /SAT	1	0	1	1	120÷150 from Master	L/R
BMP2011.STL	1	1	1	1	35 ÷ 50	/D0 /H L/R
BMP2012.STD	2	1	2	2	35 ÷ 50	/D0 /H
BMP2021.STL /UH	1	2 (diesel)	1	1	120 ÷ 150	/D0 /H
BMP2021.STL /UH /MAS	1	2 (diesel)	1	1	120 ÷ 150 70 ÷ 90 for satellite	/D0 L/R
BMP2022.STL	1	2	2	1	35 ÷ 50	/D0 /H L/R
BMP2022.STL /UH /H	1	2 (diesel)	2	1	1x (120 ÷ 150) 1x (70 ÷ 90)	/D0 L/R
BMP2024.STD	2	2	4	2	35 ÷ 50	/D0 /H
BMP2033.STL	1	3	3	1	35 ÷ 50	/D0 /H L/R
BMP2033.STL /UH /H	1	3 (2xdiesel+1)	3	1	1x (120÷150) 1x (70÷90), 1x (35÷50)	/D0 L/R
BMP2036.STD	2	3	6	2	35 ÷ 50	/D0 /H
BMP2041.STL /UH /MAS	1	4 (diesel)	1	1	1x (120÷150) 90 for sat 1x (120÷150)	/D0 L/R
BMP2042.STD /UH	2	4 (diesel)	2	2	2x (120÷150)	/D0 L/R
BMP2044.STL	1	4	4	1	35 ÷ 50	/D0 /H L/R
BMP2044.STD /UH /H	2	4 (diesel)	4	2	2x (70 ÷ 90) 2x (120 ÷ 150)	/D0
BMP2044.STL /UH /H	1	4 (2xdiesel+2)	4	1	1x (120÷150) 1x (70÷90), 2x (35÷50)	/D0 L/R
BMP2048.STD	2	4	8	2	35 ÷ 50	/D0 /H

Notes:

- /D0 All dispensers in table would be used for non-public stations. In this case dispensers are equipped with volume display only. The suffix /D0 is used after dispenser type.
- L/R One-sided dispensers would be made as left-sided L (.STL), or right-sided R (.STR), from the direction of the car arrival.

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