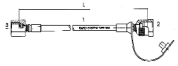
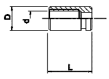
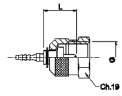
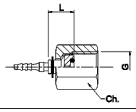
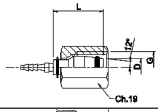
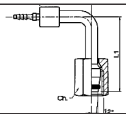
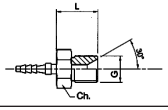
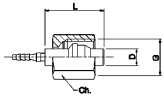
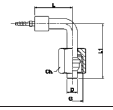
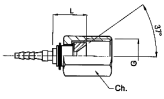
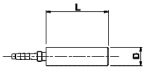
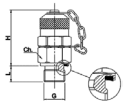
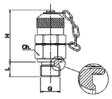
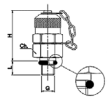
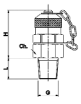
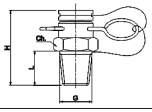
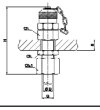
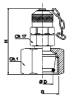
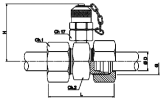
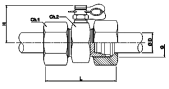
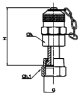
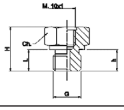
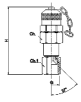
Meracie body

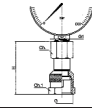
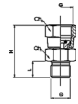
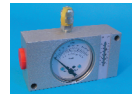
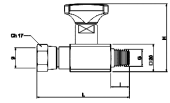
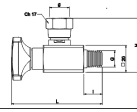
Measuring points

Измерващи точки

HYDRAFLEX

Obsah Description / Съдържание	Schéma Scheme/Схема	Kód Reference / Код	Strana Page / Страница
meracia hadica osadená test hose and fittings маркуч за тестване с накрайници		**RSO**	**4**
meracia hadica test hose тестващ маркуч		**RSO**	**5**
lisovacia objímka ferrule чаша		**MNO**	**6**
koncovka pre meraciu hadicu test coupling threaded connection fitting накрайник за тестващ маркуч		**MNKM**	**7**
koncovka pre pripojenie k manometru direct pressure gauge connection DIN 16228 накрайник за свързване към манометър DIN 16228		**MNKG**	**8**
lisovací nátrubok 24° s O-krúžkom seal with o-ring for 24°cone fitting нипел за пресоване прав с О-пръстен 24°		**MNKDKOL** **MNKDKOS**	**9**
lisovací nátrubok 24° s O-krúžkom standpipe 90° seal with o-ring for 24° нипел коляно за пресоване 90° с О-пръстен 24°		**MNKDKOL 90** **MNKDKOS 90**	**10**
lisovací nátrubok нипел за пресоване		**MNKAGR**	**11**
lisovací nátrubok standpipe нипел за пресоване		**MNKDKL** **MNKDKS**	**12**
lisovací nátrubok 90° standpipe 90° нипел за пресоване 90°		**MNKDKL 90** **MNKDKS 90**	**13**
lisovací nátrubok JIC 37°SAE J514 female fitting JIC 37° SAE J514 нипел за пресоване JIC 37°SAE J514		**MNKJIC**	**14**
		**MNKP**	**15**

Obsah Description / Съдържание	Schéma Scheme/Схема	Kód Reference / Код	Strana Page / Страница
meracia prípojka C test coupling type C измерваща свръзка C		**MNMB C**	**16**
meracia prípojka B test coupling type B измерваща свръзка B		**MNMB B**	**17**
meracia prípojka A test coupling type A измерваща свръзка A		**MNMB A**	**18**
meracia prípojka D test coupling type D измерваща свръзка D		**MNMB D**	**19**
meracia prípojka plug-in plug-in test coupling измерваща свръзка plug-in		**MNMB P**	**20**
meracia prípojka test coupling измерваща свръзка		**MNMB S**	**21**
meracia prípojka typ DKOL/DKOS test coupling type DKOL/DKOS измерваща свръзка тип DKOL/DKOS		**MNMB DKO**	**22**
meracia prípojka pre kovové trubky test coupling for metal pipe fitting измерваща свръзка за метални тръби		**MNMB LS**	**23**
meracia prípojka plug-in pre kovové trubky plug-in sraight test coupling for metal pipe fitting измерваща свръзка plug-in за метални тръби		**MNMBP**	**24**
meracia prípojka ORFS ORFS female swivel test coupling измерваща свръзка ORFS		**MNMB OFRS**	**25**
adaptér pressure адаптор		**MNA**	**26**
meracia prípojka JIC 34° female test coupling JIC37° измерваща свръзка JIC 34°		**MNMPJ**	**27**

Obsah Description / Съдържание	Schéma Scheme/Схема	Kód Reference / Код	Strana Page / Страница
meracia prípojka na manometer pressure gauge adaptors измерваща свръзка за манометър		**MNMPM**	**28**
merací adaptér na manometer swivel pressure gauge connection измерващ адаптор за манометър		**MNMB**	**29**
merací kufrík - 4 manometre portable hydraulic instruments for pressure testing, 4 pressure guges –измерващ куфар - 4 манометри		**MERACÍ KUFRÍK**	**30**
modulárny merací kufrík - 2 manometre modular portable pressure test kit измерващ куфар - 2 манометри		**MERACÍ KUFRÍK**	**31**
merač prietoku, teploty a tlaku oleja flow indicator with thermometer for oil измерител на протичане, температура и налягане на маслото		**FL**	**32**
meracia prípojka s ventilom presure gauge anti-shock valve swivel straight connection		**ES 180**	**33**
meracia prípojka s ventilom presure gauge anti-shock valve 90° connection		**ES 90**	**34**

RSO

– meracia hadica osadená
– test hose and fittings
– маркуч за тестване с накрайници

Príklad objednávky:	Ordering example:	Примерна заявка:
1 hadica RSO	1 hose RSO	1 маркуч RSO
2 koncovka typ	2 Fitting type	2 накрайник тип
3 koncovka typ	3 Fitting type	3 накрайник тип
L dĺžka hadice mm	L Hose leng mm	L дължина на маркуча мм
Príklad/Example/Пример	RSO/1200 MNKG1/4 MNKH 16 × 2	

Vysvetlivka/Легенда:

RSO

– meracia hadica
– test hose
– тестващ маркуч

Označenie Type Означение	DN	Vonkajší ϕ Outer ϕ Външно ф	Vnútorný ϕ Inner ϕ Вътрешно ф	Pracovný tlak Working pressure Работно налягане [bar]	Poruchový tlak Burst pressure Разрушаващо налягане [bar]	Min. polomer ohybu Min. bend radius Мин. радиус на огъване
RSO 2	2	2,1	5,5	630	1 900	20

Vysvetlivka/Легенда:
Obal/Cover/Външен слой: polyuretan / polyuretane / полиуретан
Úplet/Braid/Оплетка: textilné pletivo „kevlar“ / aramidic fibre „kevlar“ / текстилна оплетка „кевлар“
Duša/Core/Вътрешен слой: termoplastický polyester / termoplastic polyester / термопластичен полиестер
-40 + 100 °C
Použitie/Aplication/Приложение: minerálne, hydraulické oleje, palivo / mineral, hydraulic oil, fuel / минерални хидравлични масла, горива

MNO

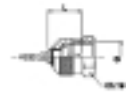
– lisovacia objímka
– ferrule
– чаша

Označenie Type Означение	DN	D	d	L
MNO	2	mm	mm	mm

Vysvetlivka/Легенда:

MNKM

– koncovka pre meraciu hadicu
– test coupling threaded connection fitting
– накрайник за тестващ маркуч



Označenie Type Означение	DN	závit G резба G	L
MNKM16×2	2	16×2	18,5
MNKM16×1,5	2	16×1,5	18,5

Vysvetlivka/Легенда:

MNKG

– koncovka pre pripojenie k manometru DIN 16228
– direct pressure gauge connection DIN 16228
– накрайник за свързване към манометър DIN 16228

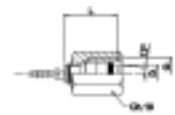
Označenie Type Означение	DN	závit G резба G	L
MNKG1/4	2	ISO 228 G1/4	11,5
MNKG1/2	2	ISO 228 1/2	19,5

Vysvetlivka/Легенда:

MNKDKOL
MNKDKOS

– lisovací nátrubok 24° s O-krúžkom
– seal with o-ring for 24° cone fitting
– нипел за пресоване прав с О-пръстен 24°

DIN 3865



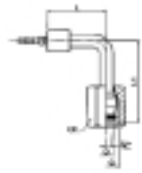
Označenie Type Означение	PN [bar]	DN	ϕ trubky D ф на тръбата D	závit G резба G	Ch
MNKDKOL06	315	2	6L	M12×1,5	14
MNKDKOS06	630	2	6S	M14×1,5	17
MNKDKOL08	315	2	8L	M14×1,5	17
MNKDKOS08	630	2	8S	M16×1,5	19
MNKDKOL10	315	2	10L	M16×1,5	19
MNKDKOS10	630	2	10S	M18×1,5	22

Vysvetlivka/Легенда:

MNKDKOL 90
MNKDKOS 90

– lisovací nátrubok 24° s O-krúžkom
– standpipe 90° seal with o-ring for 24°
– нипел коляно за пресоване 90° с О-пръстен 24°

DIN 3865

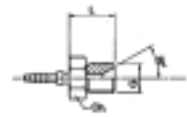


Označenie Type Означение	PN [bar]	DN	ϕ trubky D ф на тръбата D	závit G резба G	Ch	L
MNKDKOL06 90	315	2	6L	M12×1,5	14	24
MNKDKOS06 90	630	2	6S	M14×1,5	17	24

Vysvetlivka/Легенда:

MNKAGR

– lisovací nátrubok
–
– нипел за пресоване

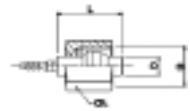


Označenie Type Означение	PN [bar]	DN	závit G ф на тръбата D	Ch	L
MNK AGR 1/8	630	2	G 1/8“	12	15
MNK AGR 1/4	630	2	G 1/4“	17	20

Vysvetlivka/Легенда:

MNKDKL
MNKDKS

– lisovací nátrubok
– standpipe
– нипел за пресоване



DIN 2353

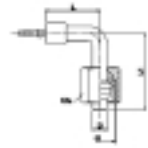
Označenie Type Означение	PN [bar]	DN	ϕ trubky D ф на тръбата D	závit G резба G	Ch	L
MNKDKL06	315	2	6L	M12×1,5	14	22
MNKDKS06	630	2	6S	M14×1,5	17	22
MNKDKL08	315	2	8L	M14×1,5	17	22
MNKDKS08	630	2	8S	M16×1,5	19	22

Vysvetlivka/Легенда:

MNKDKL 90
MNKDKS 90

– lisovací nátrubok 90°
– standpipe 90°
– нипел за пресоване 90°

DIN 2353

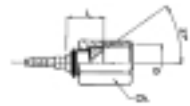


Označenie Type Означение	PN [bar]	DN	ϕ trubky D ф на тръбата D	závit G резба G	Ch	L	L1
MNKDKL06 90	315	2	6L	M12×1,5	14	24	34
MNKDKS06 90	630	2	6S	M14×1,5	17	24	34

Vysvetlivka/Легенда:

MNKJIC

– lisovací nátrubok JIC 37°SAE J514
– female fitting JIC 37° SAE J514
– нипел за пресоване JIC 37°SAE J514



Označenie Type Означение	PN [bar]	závit G резба G	Ch
MNKJIC 7/16	630	7/16“-20UNF	14
MNKJIC 1/2	630	1/2“-20UNF	17

Vysvetlivka/Легенда:

MNKP

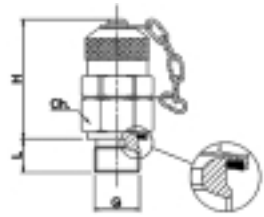
–

Označenie Type Означение	PN [bar]	ϕ trubky D ф на тръбата D	L
MNKP	400	3,3	15

Vysvetlivka/Легенда:

MNMB C

– meracia prípojka C
– test coupling type C
– измерваща свръзка C



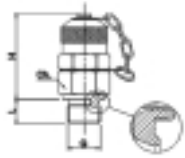
závit: metrický, BSP
thread: metric, BSP
резба: метрична, BSP

Označenie Type Означение	PN [bar]	závit G резба G	Ch	L	H
MNMB 10×1 C	630	10×1	17	8	37
MNMB 12×1,5 C	630	12×1,5	17	10	37
MNMB 14×1,5 C	630	14×1,5	19	12	37
MNMB 16×1,5 C	630	16×1,5	22	12	37
MNMB ISO 228 1/8 C	630	1/8	17	8	37
MNMB ISO 228 1/4 C	630	1/4	19	12	37
MNMB ISO 228 3/8 C	630	3/8	22	14	38
MNMB ISO 228 1/2 C	630	1/2	27	15	38

Vysvetlivka/Легенда:

MNMB B

– meracia prípojka B
– test coupling type B
– измерваща свръзка B



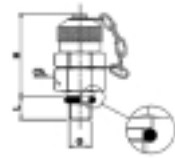
závit: metrický, BSP
thread: metric, BSP
резба: метрична, BSP

Označenie Type Означение	PN [bar]	závit G резба G	Ch	L	H
MNMB 10×1 B	400	10×1	17	8,5	35
MNMB 12×1,5 B	630	12×1,5	17	12	35
MNMB 14×1,5 B	630	14×1,5	19	12	35
MNMB 16×1,5 B	630	16×1,5	22	12	35
MNMB ISO 228 1/8 B	400	1/8	17	8	35
MNMB ISO 228 1/4 B	630	1/4	19	12	37
MNMB ISO 228 3/8 B	630	3/8	22	14	37

Vysvetlivka/Легенда:

MNMB A

– meracia prípojka A
– test coupling type A
– измерваща свръзка A



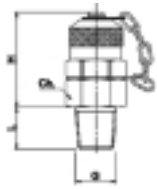
závit: metrický, UNF
thread: metric, UNF
резба: метрична, UNF

Označenie Type Означение	PN [bar]	závit G резба G	Ch	L	H
MNMB 8×1 A	250	8×1	17	8,5	37
MNMB 10×1 A	630	10×1	17	8,7	37
MNMB 10×1,25 A	630	10×1,25	17	9	37
MNMB 14×1,5 A	630	14×1,5	19	10	35
MNMB 7/16“-20 UNF A	630	7/16“-20 UNF	9	9	35
MNMB 1/2“-20 UNF A	630	1/2“-20 UNF	10	10	35
MNMB 9/16“-18 UNF A	630	9/16“-18 UNF	10	10	35
MNMB 3/4“-16 UNF A	630	3/4“-16 UNF	14	14	38

Vysvetlivka/Легенда:

MNMB D

– meracia prípojka D
– test coupling type D
– измерваща свръзка D



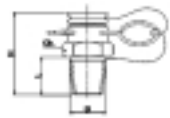
závit: NPTF, BSP
thread: NPTF, BSP
резба: NPTF, BSP

Označenie Type Означение	PN [bar]	závit G резба G	Ch	L	H
MNMB ISO 7/1 R1/8“D	400	R1/8“	17	10	35
MNMB ISO 7/1 R1/4“D	630	R1/4“	19	12	35
MNMB ISO 7/1 R3/8“D	630	R3/8“	22	14	35
MNMB 1/8“-27 NPTF D	400	1/8“-27 NPTF	17	10	35
MNMB 1/4“-27 NPTF D	630	1/4“-27 NPTF	19	14	35
MNMB 3/8“-27 NPTF D	630	3/8“-27 NPTF	22	16	35

Vysvetlivka/Легенда:

MNMBP

– meracia prípojka plug-in
– plug-in test coupling
– измерваща свръзка plug-in



závit: metrický
thread: metric
резба: метрична

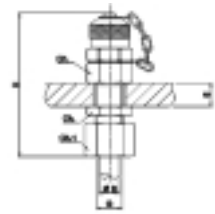
Označenie Type Означение	PN [bar]	závit G резба G	Ch	L	H
MNMBP 6L	250	M 8 × 1	12	8,5	25
MNMBP 8L	400	M 10 × 1	14	8,7	25

Vysvetlivka/Легенда:

MNMB S

– meracia prípojka
– test coupling
– измерваща свръзка

DIN 2353



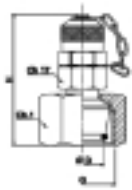
závit: metrický
thread: metric
резба: метрична

Označenie Type Означение	PN [bar]	závit G резба G	Ch	L	H
MNMB M16×1,5S	630	16×1,5 S	19	10	83
MNMB M18×1,5S	630	18×1,5 S	22	12	83
MNMB M20×1,5S	630	20×1,5 S	24	14	83

Vysvetlivka/Легенда:

MNMB DKO

- meracia prípojka typ DKOL/DKOS
- test coupling type DKOL/DKOS
- измерваща свръзка тип DKOL/DKOS



závit: metrický
thread: metric
резба: метрична

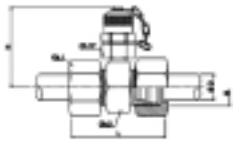
Označenie Type Означение	PN [bar]	závit G резба G	Ch	D	H	seria
MNMB DKO 6L	315	M 12×1,5	14	6	54	L
MNMB DKO 8L	315	M 14×1,5	17	8	54	L
MNMB DKO 10L	315	M 16×1,5	19	10	59	L
MNMB DKO 12L	315	M 18×1,5	22	12	59	L
MNMB DKO 15L	315	M 22×1,5	27	15	59	L
MNMB DKO 18L	315	M 26×1,5	32	18	59	L
MNMB DKO 22L	160	M 30×2	36	22	59	L
MNMB DKO 28L	160	M 36×2	41	28	60	L
MNMB DKO 35L	160	M 45×2	50	35	62	L
MNMB DKO 42L	160	M 52×2	60	42	65	L
MNMB DKO 6S	630	M 14×1,5	17	6	54	S
MNMB DKO 8S	630	M 16×1,5	19	8	54	S
MNMB DKO 10S	630	M 18×1,5	22	10	59	S
MNMB DKO 12S	630	M 20×1,5	24	12	59	S
MNMB DKO 14S	630	M 22×1,5	27	14	59	S
MNMB DKO 16S	400	M 24×1,5	30	16	60	S
MNMB DKO 20S	400	M 30×2	36	20	62	S
MNMB DKO 25S	400	M 36×2	46	25	65	S
MNMB DKO 30S	400	M 42×2	50	30	65	S
MNMB DKO 38S	315	M 52×2	60	38	65	S

Vysvetlivka/Легенда:

MNMB LS

– meracia prípojka pre kovové trubky
– test coupling for metal pipe fitting
– измерваща свръзка за метални тръби

DIN 2353



závit: metrický
thread: metric
резба: метрична

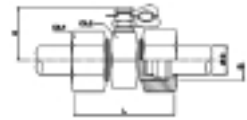
Označenie Type Означение	PN [bar]	závit G резба G	Ch1	Ch2	D	H	L
MNMB 6L	315	M 12×1,5	14	24	6	49	51
MNMB 8L	315	M 14×1,5	17	24	8	49	51
MNMB 10L	315	M 16×1,5	19	24	10	49	53
MNMB 12L	315	M 18×1,5	22	24	12	49	53
MNMB 15L	315	M 22×1,5	27	27	15	50,5	55
MNMB 18L	315	M 26×1,5	32	32	18	53	57
MNMB 22L	160	M 30×2	36	32	22	53	61
MNMB 28L	160	M 36×2	41	41	28	57,5	61
MNMB 35L	160	M 45×2	50	46	35	60	69
MNMB 42L	160	M 52×2	60	55	42	64,5	71
MNMB 6S	630	M 14×1,5	17	24	6	49	55
MNMB 8S	630	M 16×1,5	19	24	8	49	55
MNMB 10S	630	M 18×1,5	22	24	10	49	57
MNMB 12S	630	M 20×1,5	24	24	12	49	57
MNMB 14S	630	M 22×1,5	27	24	14	49	63
MNMB 16S	400	M 24×1,5	30	27	16	52	63
MNMB 20S	400	M 30×2	36	32	20	53	69
MNMB 25S	400	M 36×2	46	41	25	57,5	75
MNMB 30S	400	M 42×2	50	46	30	60	81
MNMB 38S	315	M 52×2	60	55	38	64,5	89

Vysvetlivka/Легенда:

MNMBP

– meracia prípojka plug-in pre kovové trubky
– plug-in sraight test coupling for metal pipe fitting
– измерваща свръзка plug-in за метални тръби

DIN 2353



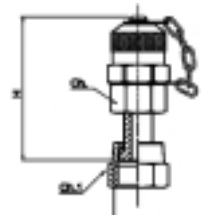
závit: metrický
thread: metric
резба: метрична

Označenie Type Означение	PN [bar]	závit G резба G	Ch1	Ch2	D	H	L
MNMBP 6L	315	M 12×1,5	14	24	6		51
MNMBP 8L	315	M 14×1,5	17	24	8		51
MNMBP 10L	315	M 16×1,5	19	24	10		53
MNMBP 12L	315	M 18×1,5	22	24	12		53
MNMBP 15L	315	M 22×1,5	27	27	15		55
MNMBP 18L	315	M 26×1,5	32	32	18		57
MNMBP 22L	160	M 30×2	36	32	22		61
MNMBP 28L	160	M 36×2	41	41	28		61
MNMBP 35L	160	M 45×2	50	46	35		69
MNMBP 42L	160	M 52×2	60	55	42		71
MNMBP 6S	630	M 14×1,5	17	24	6		55
MNMBP 8S	630	M 16×1,5	19	24	8		55
MNMBP 10S	630	M 18×1,5	22	24	10		57
MNMBP 12S	630	M 20×1,5	24	24	12		57
MNMBP 14S	630	M 22×1,5	27	24	14		63
MNMBP 16S	400	M 24×1,5	30	27	16		63
MNMBP 20S	400	M 30×2	36	32	20		69
MNMBP 25S	400	M 36×2	46	41	25		75
MNMBP 30S	400	M 42×2	50	46	30		81
MNMBP 38S	315	M 52×2	60	55	38		89

Vysvetlivka/Легенда:

MNMB ORFS

– meracia prípojka ORFS
– ORFS female swivel test coupling
– измерваща свръзка ORFS

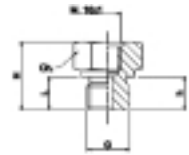


Označenie Type Означение	PN [bar]	závit G резба G	Ch1	Ch2	H
MNMB 9/16 ORFS	400	9/16“-18 UNF	53	19	19
MNMB 11/16 ORFS	400	11/16“-16 UNF	54	22	22
MNMB 13/16 ORFS	400	13/16“-16 UNF	58	24	24

Vysvetlivka/Легенда:

MNA

– adaptér
– pressure
– адаптор



Označenie Type Означение	PN [bar]	závit G резба G	Ch	L	H
MNA ISO 228 G1/4“	630	ISO 228 G1/4“	19	14	20
MNA ISO 228 G3/8“	630	ISO 228 G3/8“	22	15	22
MNA ISO 228 G1/2“	630	ISO 228 G1/2“	27	15	25
MNA ISO 228 G3/4“	400	ISO 228 G3/4“	32	16	28
MNA ISO 228 G1“	400	ISO 228 G1“	41	19	30

Vysvetlivka/Легенда:

MNMPJ

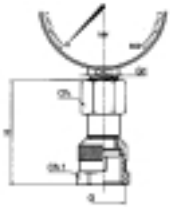
– meracia prípojka JIC 34°
– female test coupling JIC37°
– измерваща свръзка JIC 34°

Označenie Type Означение	PN [bar]	závit G резба G	Ch	L	H
MNMPJ 7/16	630	7/16“-20 UNF	17	14	64
MNMPJ 1/2	400	1/2“-20 UNF	17	17	65
MNMPJ 9/16	315	9/16“-18 UNF	17	19	67
MNMPJ 3/4	315	3/4“-18 UNF	17	22	70

Vysvetlivka/Легенда:

MNMPM

– meracia prípojka na manometer
– pressure gauge adaptors
– измерваща свръзка за манометър



závit: metrický
thread: metric
резба: метрична

Označenie Type Означение	PN PN [bar]	závit G резба G	závit G резба G	Ch	Ch1	H
MNMPM 16 × 2/1/4	630	M 16 × 2	ISO 228 G1/4	19	19	50
MNMPM 16 × 2/1/2	630	M 16 × 2	ISO 228 G1/2	27	19	55
MNMPM 16 × 1,5/1/4	630	M 16 × 1,5	ISO 228 G1/4	19	19	50
MNMPM 16 × 1,5/1/4	630	M 16 × 1,5	ISO 228 G1/2	27	19	55

Vysvetlivka/Легенда:

MNMB

– merací adaptér na manometer
– swivel pressure gauge connection
– измерващ адаптор за манометър

DIN 3015

závit: metrický
thread: metric
резба: метрична

Označenie Type Означение	PN [bar]	závit G резба G	Ch	L	H
MNMB ISO 228 1/2	400	M 16×2	17	11	34
MNMB ISO 228 1/5	400	M 16×2	27	15	46

Vysvetlivka/Легенда:

MERACÍ KUFRÍK

– merací kufrík - 4 manometre
– portable hydraulic instruments for pressure testing, 4 pressure guges
– измерващ куфар - 4 манометри

Priemer manometrov/Diam./Диаметър на манометрите:	ϕ 63 mm
Rozmery/Dim./Размери:	320 × 280 × 119 mm

Pre každý kufrík je možnosť zvoliť rozsah v baroch / For each code chosse from these ranges in bar / За всеки куфар има възможност да се изберат границите в барове:

-1...0 - 0,6 - 1 - 1,6 - 2,5 - 4 - 6 - 10 - 16 - 25 - 40 - 60 - 100 - 160 - 250 - 315 - 400 - 600 - 1000

Vysvetlivka/Легенда:

MERACÍ KUFRÍK

– modulárny merací kufrík - 2 manometre
– modular portable pressure test kit
– измерващ куфар - 2 манометри

Priemer manometrov/Diam./Диаметър на манометрите:	ϕ 63 mm
Rozmery/Dim./Размери:	320 × 280 × 119 mm

Pre každý kufrík je možnosť zvoliť rozsah v baroch / For each code chosse from these ranges in bar / За всеки куфар има възможност да се изберат границите в барове:

-1...0 - 0,6 - 1 - 1,6 - 2,5 - 4 - 6 - 10 - 16 - 25 - 40 - 60 - 100 - 160 - 250 - 315 - 400 - 600 - 1000

Vysvetlivka/Легенда:

FL

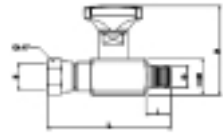
– merač prietoku, teploty a tlaku oleja
– flow indicator with thermometer for oil
– измерител на протичане, температура и налягане на маслото

Označenie Type Означение	prietokový rozsah/ flow range Граници
FL 750-16 ABOT	16 LPM
FL 750-30 ABOT	30 LPM
FL 750-60 ABOT	60 LPM
FL 750-120 ABOT	120LPM
FL 750-180 ABOT	180 LPM
FL 1500-200 ABOT	200 LPM
FL 1500-300 ABOT	300 LPM
FL 1500-400 ABOT	400 LPM

Vysvetlivka/Легенда:

ES 180

– meracia prípojka s ventilom
– presure gauge anti-shock valve swivel straight connection
–

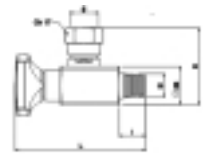


Označenie Type Означение	PN [bar]	závit g резба G	G	L	H	I
ES 180	400	ISO 228 G 1/4“	ISO 7/1 R1/4“	68	40	14

Vysvetlivka/Легенда:

ES 90

– meracia prípojka s ventilom
– presure gauge anti-shock valve 90° connection



Označenie Type Означение	PN [bar]	závit g резба G	G	L	H	I
ES 90	400	ISO 228 G 1/4“	ISO 7/1 R1/4“	68	40	14

Vysvetlivka/Легенда: