



SPIRAL AND CYLINDRICAL METER UNITS

SPIRAL METER UNITS FOR CONTINUOUS LUBRICATION

For use in high precision mechanisms, or for high speed rotating bearings where it is necessary to maintain a continuous film.

They are available for flow rates of a few mm³/hour up to the very high flow rates where recovery and re-cycling the oil is necessary.

They are suitable for use with pure mineral oil with a maximum viscosity of 1500cSt at the working pressure.

Pressure: da 1 a 10 bar (0 – 150 psi)

$$\text{Delivery in c.c. for minute} = \frac{P \times Cf}{V}$$

P= working pressure in bar

Cf= flow coefficient

V= viscosity in Engler degrees at the working pressure

The delivery of the pump must not be lower than the sum of the deliveries of the used metering units.

SPIRAL



TYPE	CF
5/0	0,1224
4/0	0,245
3/0	0,49
00	1,02
0	2,14
1	4,08
2	8,16
3	16,32
4	32,65
5	65,39

FOR BEARING

CAD



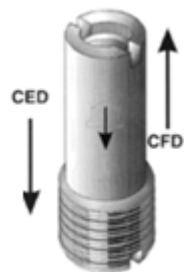
TYPE	PART NO.
5/0	0033220
4/0	0033221
3/0	0033222
00	0033223
0	0033224
1	0033225
2	0033226
3	0033227
4	0033228
5	0033229

Spanner 10 mm.
Height 24.2 mm.
ØA 1/8" BSP taper
ØB 5/16" – 24 NF seating for compression cone tube Ø 4 mm.

FOR INSERT

CED

CED



Height 18,2 mm.
ØA 1/8" BSP

TYPE	PART NO.	TYPE	PART NO.
5/0	0033260	5/0	0033270
4/0	0033261	4/0	0033271
3/0	0033262	3/0	0033272
00	0033263	00	0033273
0	0033264	0	0033274
1	0033265	1	0033275
2	0033266	2	0033276
3	0033267	3	0033277
4	0033268	4	0033278
5	0033269	5	0033279

FOR JUNCTION

CCD



TYPE	PART NO.
5/0	0033240
4/0	0033241
3/0	0033242
00	0033243
0	0033244
1	0033245
2	0033246
3	0033247
4	0033248
5	0033249

10 mm. chiave
Altezza 30,9 mm.
ØA 5/16" – 24 NF
ØB 5/16" – 24 NF sede per doppiocono tubo Ø 2,5

CBD

TYPE	PART NO.
5/0	0033230
4/0	0033231
3/0	0033232
00	0033233
0	0033234
1	0033235
2	0033236
3	0033237
4	0033238
5	0033239

Spanner 10 mm. Height 30.9 mm. ØA 5/16" – 24 NF
ØB 5/16" – 24 NF seating for compression cone tube Ø 4 mm.

CDD

TYPE	PART NO.
5/0	0033250
4/0	0033251
3/0	0033252
00	0033253
0	0033254
1	0033255
2	0033256
3	0033257
4	0033258
5	0033259

Spanner 8 mm. Height 30.9 mm.
ØA 5/16" – 24 NF
ØB 1/4" – 28 NF seating for compression cone tube Ø 2.5 mm.

CYLINDRICAL METER UNITS FOR INTERMITTENT LUBRICATION

For use on mechanisms that work intermittently, or are lightly loaded. The sum of the relative values of all the meter units used in the plant must not exceed the relative value indicated for the selected pump.

Suitable for use with pure mineral oil with a maximum viscosity of 1000 cSt at 40°C.

Pressure: from 1 to 10 bar (0 – 150 psi)

For each meter units the type and calibration is indicated by initials and by a letter, or by a number according to the relative value (00/aa = 0,75; 0/a = 1; 1/b = 2; 2/c = 4; 3/d = 8; 4/e = 16; 5/f = 32).

The relative value corresponds to the number of drops delivered per minute (drop = 33 mm³).

The pump must be chosen with a relative value being not equal to or higher than the sum of valves of the metering units used.

In this way the metering units will feed for 5 minutes and this lapse of time will ensure a uniform pressure in the installation, which ensure that the lubricant flows to all points.

CYLINDRICAL



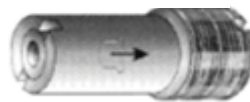
FOR BEARING



D O

TYPE	PART NO.
00	0031200
0	0031201
1	0031202
2	0031203
3	0031204
4	0031205
5	0031206

Spanner 10 mm. Height 27.5 mm. ØA 1/8" BSP taper ØB 5/16" – 24 NF seating for compression cone tube Ø 4 mm. weight 12 gr.



D 11
Height 26,5 mm
Ø 10 MB
Weight 11 gr.

Height 26.5 mm.
ØA 1/8" BSP
Weight 9

FOR INSERT

D 11

TYPE	PART NO.
00	0035011
0	0035012
1	0035013
2	0035014
3	0035015
4	0035016
5	0035017

D 15

TYPE	PART NO.
00	0035801
0	0035802
1	0035803
2	0035804
3	0035805
4	0035806
5	0035807

FOR JUNCTION



D21

TYPE	PART NO.
00	0031400
0	0031401
1	0031402
2	0031403
3	0031404
4	0031405
5	0031406

Spanner 10 mm. Height 31.5 mm. ØA 5/16" – 24 NF ØB 5/16" – 24 NF seating for compression cone tube Ø 4 mm. weight 11 gr.

DDJ

TYPE	PART NO.
00	0031301
0	0031302
1	0031303
2	0031304
3	0031305
4	0031306
5	0031307

Spanner 10 mm. Height 28.7 mm. ØA 5/16 – 24 NF ØB 1/4 – 24 NF seating for compression cone tube Ø 4 mm. weight 8 gr.