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Spiral and cylindrical meter units

SPIRAL METER UNITS FOR CONTINUOUS LUBRICATION

For use on 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 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)

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

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

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

FOR BEARING



CAD	
Type	Part No.
5/0	33220
4/0	33221
3/0	33222
00	33223
0	33224
1	33225
2	33226
3	33227
4	33228
5	33229

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		CFD	
Type	Part No.	Type	Part No.
5/0	33260	5/0	33270
4/0	33261	4/0	33271
3/0	33262	3/0	33272
00	33263	00	33273
0	33264	0	33274
1	33265	1	33275
2	33266	2	33276
3	33267	3	33277
4	33268	4	33278
5	33269	5	33279

Height 18,2 mm. ØA 1/8" BSP

FOR JUNCTION



CCD	
Type	Part No.
5/0	33240
4/0	33241
3/0	33242
00	33243
0	33244
1	33245
2	33246
3	33247
4	33248
5	33249

Spanner 10 mm. Height 30,9 mm. ØA 5/16" - 24 NF ØB 5/16" - 24 NF seating for compression cone tube Ø 2,5 mm.

CBD	
Type	Part No.
5/0	33230
4/0	33231
3/0	33232
00	33233
0	33234
1	33235
2	33236
3	33237
4	33238
5	33239

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	33250
4/0	33251
3/0	33252
00	33253
0	33254
1	33255
2	33256
3	33257
4	33258
5	33259

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).

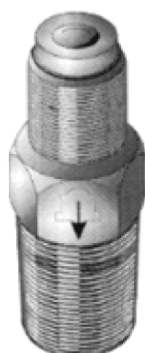
The pump must be chosen with a relative value being not equal to or higher than the sum of valves of the metering units used.

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

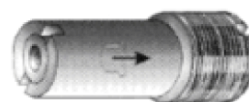


DO

Type	Part No.
aa 00	31200
a 0	31201
b 1	31202
c 2	31203
d 3	31204
e 4	31205
f 5	31206

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.

FOR INSERT



D 15

Type	Part No.
aa 00	35801
a 0	35802
b 1	35803
c 2	35804
d 3	35805
e 4	35806
f 5	35807

Height 26,5 mm. ØA 1/8" BSP Weight 9 gr.

FOR JUNCTION



D 21

Type	Part No.
aa 00	31400
a 0	31401
b 1	31402
c 2	31403
d 3	31404
e 4	31405
f 5	31406

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.

DDJ

Type	Part No.
aa 00	31301
a 0	31302
b 1	31303
c 2	31304
d 3	31305
e 4	31306
f 5	31307

Spanner 8 mm. Height 28,7 mm. ØA 5/16" - 24 NF ØB 1/4" - 28 seating for compression cone tube Ø 2,5 mm.