

UT-20

DATI TECNICI

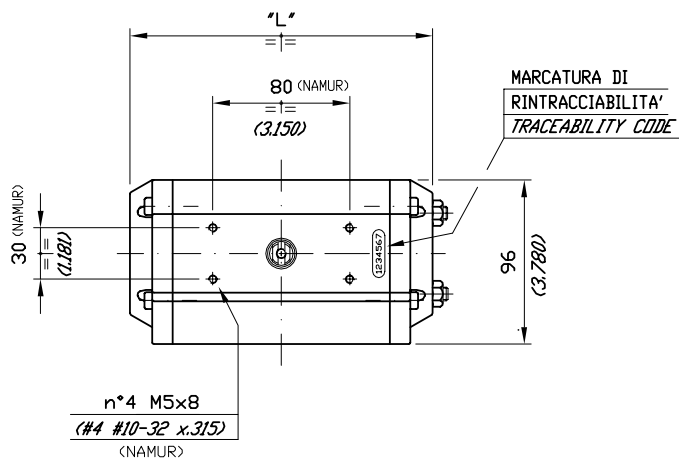
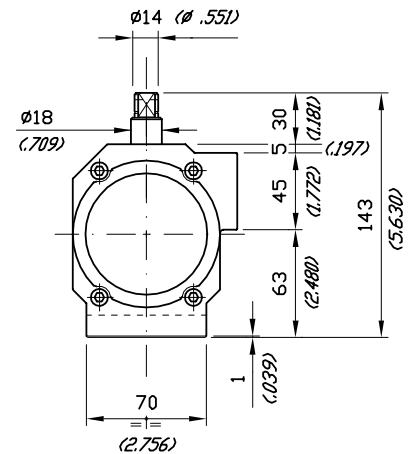
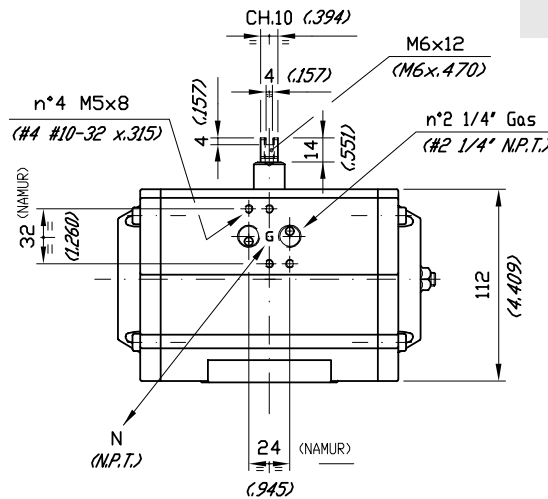
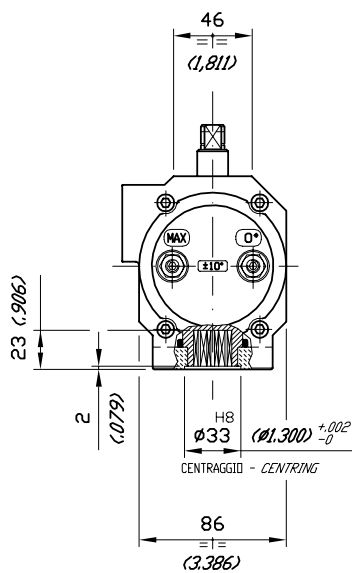
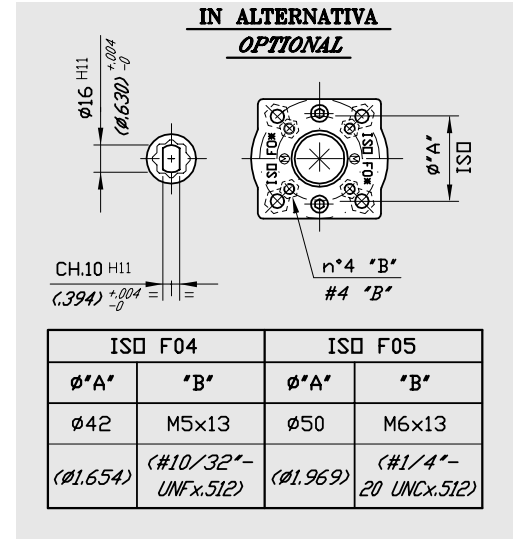
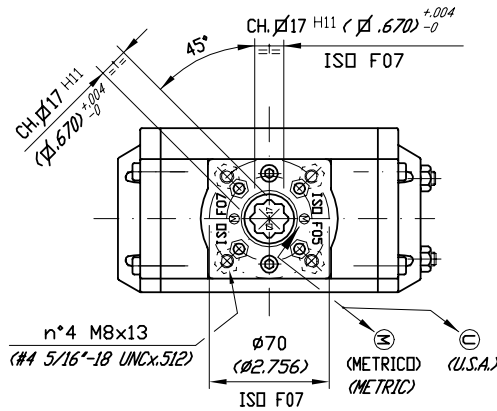


UT-21

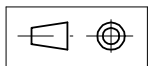
TECHNICAL DATA

CORRISPONDENTE ALLE NORME
ISO 5211 - DIN 3337
E NAMUR VDI / VDE 3845

DIMENSIONS TO
ISO 5211 - DIN 3337
AND NAMUR VDI / VDE 3845



| | 90° | 120° | 135° | 150° | 180° |
|-----|----------------|----------------|----------------|----------------|----------------|
| 'L' | 177 (6.969) | 208 (8.189) | 215 (8.465) | 230 (9.055) | 252 (9.921) |



DIMENSIONI IN mm.
DIMENSIONS IN mm. (INCHES)

UT-20

VALORI DI COPPIA in "Nm" TORQUE VALUES in "Nm"

DOPPIO EFFETTO DOUBLE ACTING

100 kPa = 1 Bar

| | | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| 100 kPa | 200 kPa | 300 kPa | 400 kPa | 500 kPa | 562 kPa | 600 kPa | 700 kPa | 800 kPa | 900 kPa | 1000 kPa |
| 10,0 | 20,0 | 30,0 | 40,0 | 50,0 | 56,5 | 60,0 | 70,0 | 80,0 | 90,0 | 100,0 |

SEMPLICE EFFETTO 90° SPRING RETURN 90°

100 kPa = 1 Bar

| POS. 1 COPPIA DI CHIUSURA (RITORNO MOLLE) | | POS. 2 - COPPIA DI APERTURA - POS. 2 - OPENING TORQUE | | | | | | | | | | | | | | | | | | | | |
|---|-------|---|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|----------|
| | | POS. 1 CLOSING TORQUE (SPRING) | | 200 kPa | | 300 kPa | | 400 kPa | | 500 kPa | | 562 kPa | | 600 kPa | | 700 kPa | | 800 kPa | | 900 kPa | | 1000 kPa |
| N° MOLLE # SPRINGS | START | END | START | END | START | END | START | END | START | END | START | END | START | END | START | END | START | END | START | END | START | END |
| 1+1 | 6,9 | 5,2 | 14,8 | 13,1 | 24,8 | 23,1 | 34,8 | 33,1 | 44,8 | 43,1 | 51,3 | 49,6 | 54,8 | 53,1 | 64,8 | 63,1 | 74,8 | 73,1 | 84,8 | 83,1 | 94,8 | 93,1 |
| 2+2 | 13,8 | 10,4 | 9,6 | 6,2 | 19,6 | 16,2 | 29,6 | 26,2 | 39,6 | 36,2 | 46,1 | 42,7 | 49,6 | 46,2 | 59,6 | 56,2 | 69,6 | 66,2 | 79,6 | 76,2 | 89,6 | 86,2 |
| 3+3 | 20,8 | 15,6 | -- | -- | 14,4 | 9,2 | 24,4 | 19,2 | 34,4 | 29,2 | 40,9 | 35,7 | 44,4 | 39,2 | 54,4 | 49,2 | 64,4 | 59,2 | 74,4 | 69,2 | 84,4 | 79,2 |
| 4+4 | 27,7 | 20,8 | -- | -- | 9,2 | 2,3 | 19,2 | 12,3 | 29,2 | 22,3 | 35,7 | 28,8 | 39,2 | 32,3 | 49,2 | 42,3 | 59,2 | 52,3 | 69,2 | 62,3 | 79,2 | 72,3 |
| 5+5 | 34,6 | 26,0 | -- | -- | -- | -- | 14,0 | 5,4 | 24,0 | 15,4 | 30,5 | 21,9 | 34,0 | 25,4 | 44,0 | 35,4 | 54,0 | 45,4 | 64,0 | 55,4 | 74,0 | 65,4 |
| 7+5 | 41,6 | 31,2 | -- | -- | -- | -- | -- | -- | 18,8 | 8,4 | 25,3 | 14,9 | 28,8 | 18,4 | 38,8 | 28,4 | 48,8 | 38,4 | 58,8 | 48,4 | 68,8 | 58,4 |

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TORQUE VALUES in "IN.LB"

SPRING RETURN 90°

DOUBLE ACTING

| | | | | |
|---------|---------|---------|----------|----------|
| 40 PSIG | 60 PSIG | 80 PSIG | 100 PSIG | 120 PSIG |
| 250 | 375 | 500 | 625 | 750 |

| # SPRINGS | POS. 1 CLOSING TORQUE (SPRING) | | POS. 2 - OPENING TORQUE | | | | | | | | | |
|-----------|--------------------------------------|-----|-------------------------|-----|---------|-----|---------|-----|----------|-----|----------|-----|
| | START | END | 40 PSIG | | 60 PSIG | | 80 PSIG | | 100 PSIG | | 120 PSIG | |
| | START | END | START | END | START | END | START | END | START | END | START | END |
| 1+1 | 61 | 46 | 204 | 189 | 329 | 314 | 454 | 439 | 579 | 564 | 704 | 689 |
| 2+2 | 122 | 92 | 158 | 128 | 283 | 253 | 408 | 378 | 533 | 503 | 658 | 628 |
| 3+3 | 184 | 138 | 112 | 66 | 237 | 191 | 362 | 316 | 487 | 441 | 612 | 566 |
| 4+4 | 245 | 184 | 66 | 5 | 191 | 130 | 316 | 255 | 441 | 380 | 566 | 505 |
| 5+5 | 307 | 230 | -- | -- | 145 | 68 | 270 | 193 | 395 | 318 | 520 | 443 |
| 7+5 | 369 | 278 | -- | -- | 97 | 6 | 222 | 131 | 347 | 256 | 472 | 381 |

PESI - WEIGHT

| CORSA STROKE | DOPPIO EFFETTO - DOUBLE ACTING | | | | | SEMPLICE EFFETTO 7+5 MOLLE SPRING RETURN 7+5 SPRING |
|-----------------|--------------------------------|-------|-------|-------|-------|--|
| | 90° | 120° | 135° | 150° | 180° | 90° |
| Kg. | 2,870 | 3,370 | 3,450 | 3,650 | 4,000 | 3,250 |
| Lb. | 6,33 | 7,43 | 7,60 | 8,05 | 8,82 | 7,16 |

CONSUMI ARIA (CICLO COMPLETO) AIR CONSUMPTION (FULL CYCLE)

| CORSA STROKE | DOPPIO EFFETTO - DOUBLE ACTING | | | | | SEMPLICE EFFETTO 7+5 MOLLE SPRING RETURN 7+5 SPRING |
|-----------------|--------------------------------|------|------|------|------|--|
| | 90° | 120° | 135° | 150° | 180° | 90° |
| N. Lt. | 0,71 | 0,91 | 0,95 | 1,03 | 1,18 | 0,29 |
| CU.-IN. | 44,4 | 56,9 | 59,4 | 64,4 | 73,7 | 18,1 |