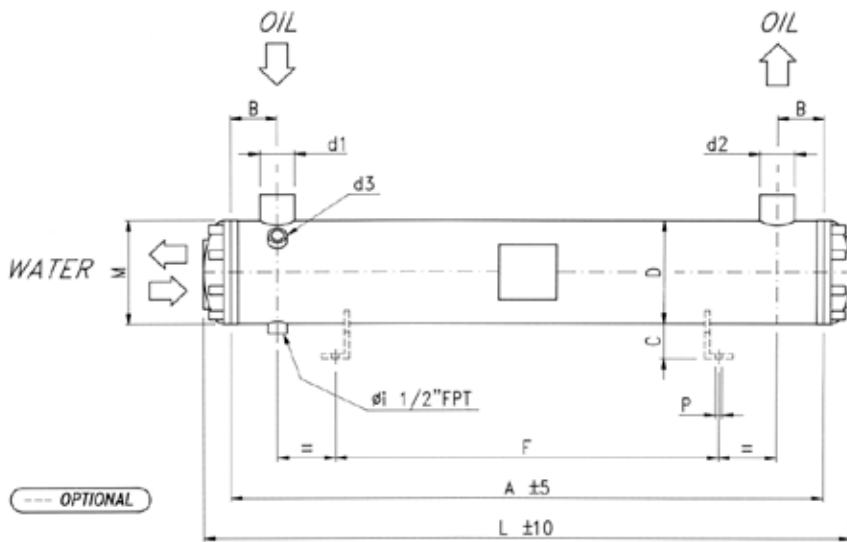


OIL COOLERS (WATER COOLED)



CE certified:

Minimum design temp: -10 °C

Maximum design temp: +110 °C

Design press. on oil side: 30 bar

Design press. on water side: 10 bar

Copper tubes for standard version heat exchangers.

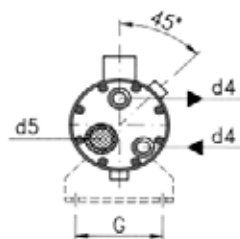
Carbon steel tubes available on request.

| MODEL | | OIL 29 | | OIL 57 | | OIL 86 | | OIL 120 | | OIL 180 | |
|-------------------|-----------------|--------|-----|--------|-----|--------|-----|---------|-----|---------|-----|
| | | min | max | min | max | min | max | min | max | min | max |
| WORKING RANGE | | | | | | | | | | | |
| WATER SIDE PASSES | No | 8 | 4 | 8 | 4 | 8 | 4 | 4 | 2 | 4 | 2 |
| OIL VOLUME | dm ³ | 8.1 | | 10.4 | | 10.4 | | 20 | | 23.6 | |

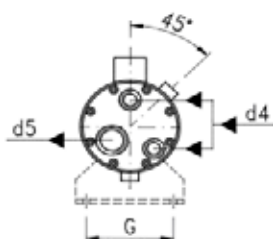
| DIMENSIONS | A | mm | 800 | 800 | 800 | 1600 | 1600 |
|------------|---|----|-----|-----|-----|------|------|
| | B | mm | 100 | 100 | 100 | 100 | 100 |
| | C | mm | 56 | 56 | 66 | 56 | 56 |
| | D | mm | 141 | 168 | 194 | 168 | 194 |
| | F | mm | 400 | 400 | 400 | 1150 | 1150 |
| | G | mm | 160 | 160 | 220 | 160 | 220 |
| | L | mm | 910 | 910 | 910 | 1710 | 1710 |
| | M | mm | 170 | 170 | 195 | 170 | 195 |
| | P | mm | 12 | 12 | 12 | 12 | 12 |

| | | | | | | | |
|-------------------|----|----|----------|----------|----------|----------|----------|
| OIL CONNECTIONS | d1 | mm | øe 42.4 | øe 42.4 | øe 48.3 | øe 60.3 | øe 76.1 |
| OIL CONNECTIONS | d2 | mm | øe 42.4 | øe 42.4 | øe 48.3 | øe 60.3 | øe 76.1 |
| OIL CONNECTIONS | d3 | - | 1/2" FPT | 1/2" FPT | 1/2" FPT | 1/2" FPT | 1/2" FPT |
| WATER CONNECTIONS | d4 | - | G 3/4" | G 3/4" | G 1 1/4" | G 1" | G 1 1/2" |
| WATER CONNECTIONS | d5 | - | G 1 1/4" | G 1 1/4" | 1 1/2" | 1 1/2" | G 2" |

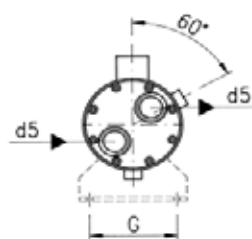
| | | | | | | | |
|--------|---|----|----|----|----|----|----|
| WEIGHT | - | kg | 24 | 39 | 55 | 77 | 90 |
|--------|---|----|----|----|----|----|----|



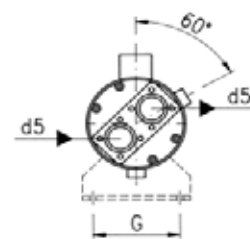
8 Passes OIL 29÷57
4 Passes OIL 120÷220



4 Passes OIL 29÷57
2 Passes OIL 120÷220

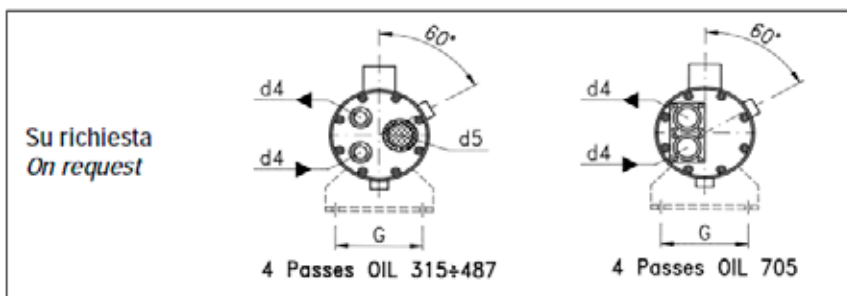


2 Passes OIL 315÷487

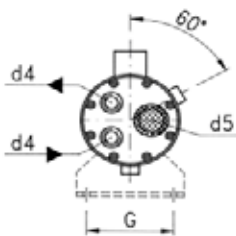


2 Passes OIL 705

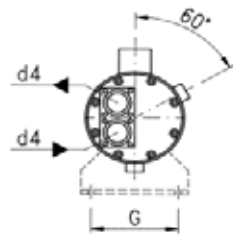
OIL



Su richiesta
On request



4 Passes OIL 315÷487



4 Passes OIL 705

| MODEL | | OIL 220 | OIL 315 | OIL 441 | OIL 487 | OIL 705 |
|-------------------|-----------------|---------|---------|---------|---------|---------|
| WORKING RANGE | | min max | min max | min max | min max | min max |
| WATER SIDE PASSES | No | 4 2 | 4 2 | 4 2 | 4 2 | 4 2 |
| OIL VOLUME | dm ³ | 22.2 | 53 | 43 | 66 | 89 |

| DIMENSIONS | A | mm | 1600 | 1600 | 1600 | 2400 | 2400 |
|------------|---|----|------|------|------|------|------|
| | B | mm | 100 | 150 | 150 | 150 | 150 |
| | C | mm | 66 | 85 | 85 | 85 | 94 |
| | D | mm | 194 | 273 | 273 | 273 | 324 |
| | F | mm | 1150 | 1150 | 1150 | 1700 | 1700 |
| | G | mm | 220 | 280 | 280 | 280 | 300 |
| | L | mm | 1710 | 1750 | 1750 | 2550 | 2570 |
| | M | mm | 195 | 275 | 275 | 275 | 325 |
| | P | mm | 12 | 14 | 14 | 14 | 16 |

| | | | | | | | |
|-------------------|----|----|----------|----------|----------|----------|----------|
| OIL CONNECTIONS | d1 | mm | øe 76.1 | øe 88.9 | øe 88.9 | øe 114.3 | øe 141.3 |
| OIL CONNECTIONS | d2 | mm | øe 76.1 | øe 88.9 | øe 88.9 | øe 114.3 | øe 141.3 |
| OIL CONNECTIONS | d3 | - | 1/2" FPT | 1" FPT | 1" FPT | 1" FPT | 1" FPT |
| WATER CONNECTIONS | d4 | - | G 1 1/2" | G 2 1/2" | G 2 1/2" | G 2 1/2" | DN 80 |
| WATER CONNECTIONS | d5 | - | G 2" | G 3" | G 3" | G 3" | DN 100 |

| | | | | | | | |
|--------|---|----|-----|-----|-----|-----|-----|
| WEIGHT | - | kg | 102 | 175 | 222 | 250 | 340 |
|--------|---|----|-----|-----|-----|-----|-----|

ONDA S.p.A.