

Third Angle Projection

Do Not Scale

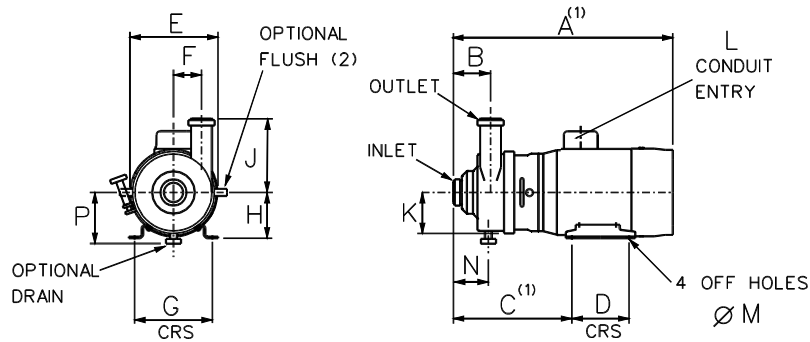
DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTIFICATION

Drng No  
RD-2096

DIMENSIONS SHOULD NOT BE USED FOR INSTALLATION PURPOSES UNLESS SPECIFICALLY ENDORSED

Rev Status

Dimensions in mm



|                           | A <sup>(1)</sup> | B  | C <sup>(1)</sup> | D   | E   | F   | G   | H   | J   | K   | L  | M  | N  | P   |
|---------------------------|------------------|----|------------------|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|
| H190V/4kW                 | 541              | 85 | 290              | 140 | 225 | 150 | 190 | 112 | 215 | 175 | 20 | 12 | 86 | 205 |
| H190V/5.5&7.5kW           | 591              | .. | 309              | 140 | 255 | ..  | 216 | 132 | ..  | ..  | .. | .. | .. | ..  |
| H190V/9.2&11kW(132 FRAME) | ..               | .. | ..               | 178 | ..  | ..  | ..  | ..  | ..  | ..  | .. | .. | .. | ..  |
| H190V/11&15kW             | 715              | .. | 328              | 210 | 314 | ..  | 254 | 160 | ..  | ..  | 32 | 15 | .. | ..  |
| H190V/18.5kW              | ..               | .. | ..               | 254 | ..  | ..  | ..  | ..  | ..  | ..  | .. | .. | .. | ..  |
| H190V/22kW                | 777              | .. | 341              | 241 | 358 | ..  | 279 | 180 | ..  | ..  | .. | .. | .. | ..  |

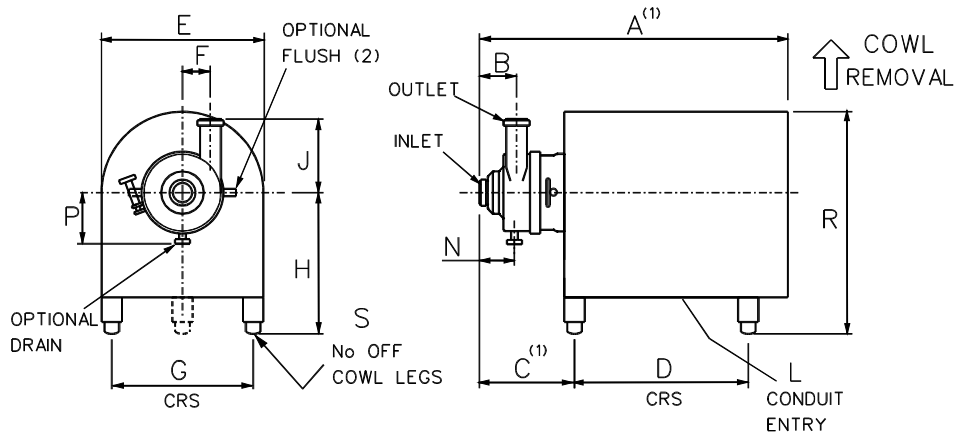
(1) FOR PUMPS WITH FLUSHED,  
OR EXTERNAL SEALS ADD 45mm  
FOR CARTRIDGE SEALS ADD 75mm

(2) FLUSH CONNS M10  
DIAM. OP. ON  
HORIZ. CENTRE LINE

STANDARD PUMP

4.5G(2) Iss 1 10/98

For Revisions See Reverse



|                      | A <sup>(1)</sup> | B  | C <sup>(1)</sup> | D   | E   | F   | G   | H   | J   | L  | N  | P   | R   | S |
|----------------------|------------------|----|------------------|-----|-----|-----|-----|-----|-----|----|----|-----|-----|---|
| H190V/ TYPE 32 COWL  | 710              | 85 | 170              | 520 | 320 | 150 | 275 | 245 | 215 | 25 | 86 | 205 | 495 | 3 |
| H190V/ TYPE 39 COWL  | 828              | .. | 240              | 570 | 390 | ..  | 254 | 280 | ..  | 32 | .. | ..  | 597 | 4 |
| H190V/ TYPE 43 COWL  | 868              | .. | ..               | 608 | 430 | ..  | 279 | 300 | ..  | .. | .. | ..  | 640 | 4 |
|                      |                  |    |                  |     |     |     |     |     |     |    |    |     |     |   |
| H190V/ TYPE 321 COWL | 588              | .. | 127              | 350 | 326 | ..  | 286 | 224 | ..  | 20 | .. | ..  | 384 | 4 |
| H190V/ TYPE 391 COWL | (3)              | .. | 108              | 338 | 396 | ..  | 341 | (4) | ..  | 25 | .. | ..  | 583 | 4 |
| H190V/ TYPE 430 COWL | 837              | .. | 113              | 520 | 436 | ..  | 520 | 300 | ..  | 32 | .. | ..  | 603 | 4 |

(1) FOR PUMPS WITH FLUSHED,  
OR EXTERNAL SEALS ADD 45mm  
FOR CARTRIDGE SEALS ADD 75mm

(2) FLUSH CONNS M10  
DIAM. OP. ON  
HORIZ. CENTRE LINE

(3) 132 FRAME MOTORS - 617  
160 FRAME MOTORS - 817

(4) 112&132 FRAME MOTORS - 255  
160 FRAME MOTORS - 283

COWLED PUMP



**MDM PUMPS LTD**  
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|        |                 |
|--------|-----------------|
| Drn MR | Date<br>13/9/05 |
| Ch'd   | Date<br>13/9/05 |
| Scale  | NTS             |

100 H190V PUMP - DIMENSION DRAWING