



# Certificate of Compliance

This certificate is issued for the following:

**CENTRIFUGAL FIRE PUMPS  
SPLIT-CASE TYPE, (AXIAL)**

Prepared for:

**PATTERSON PUMP IRELAND LIMITED  
UNIT 1, IDA ARDMORE BUSINESS & TECHNOLOGY PARK  
MARLINSTOWN, MULLINGAR, CO.  
WESTMEATH, IRELAND**

FM Approvals Class: 1311

The pumps listed herein are FM Approved as of November 16, 2016

To verify the product continues to be Approved please refer to [www.approvalguide.com](http://www.approvalguide.com)

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

A handwritten signature in black ink that reads 'D.B. Fuller'.

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David B. Fuller  
AVP - Manager of Fire Protection  
FM Approvals  
1151 Boston-Providence Turnpike  
Norwood, MA 02062 USA



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# Certificate of Compliance

## Horizontal Mounted

| Product     | Rated Capacity, (gal/min) | Rated Capacity, (dm <sup>3</sup> /min) | Rated Net Head at Rated Capacity, psi | Rated Net Head at Rated Capacity, kPa | Rated Speed, r/min | Suction Inlet, dia., in. | Discharge Outlet, dia., in. | Stage(s) |
|-------------|---------------------------|--|---------------------------------------|---------------------------------------|--------------------|--------------------------|-----------------------------|----------|
| 3x2 MN      | 150                       | 570                                    | 45-109                                | 310-750                               | 3500               | 3                        | 2                           | 1        |
| 3x2 MN      | 200                       | 755                                    | 40-104                                | 275-715                               | 3500               | 3                        | 2                           | 1        |
| 4x3x11A SSC | 300                       | 1135                                   | 71-136                                | 490-935                               | 2600               | 4                        | 3                           | 1        |
| 4x3x11A SSC | 300                       | 1135                                   | 84-159                                | 580-1095                              | 2800               | 4                        | 3                           | 1        |
| 4x3x11A SSC | 400                       | 1515                                   | 67-134                                | 460-925                               | 2600               | 4                        | 3                           | 1        |
| 4x3x11A SSC | 400                       | 1515                                   | 80-156                                | 550-1075                              | 2800               | 4                        | 3                           | 1        |
| 4x3x11A SSC | 400                       | 1515                                   | 90-174                                | 620-1200                              | 2950               | 4                        | 3                           | 1        |
| 4x3x11A SSC | 400                       | 1515                                   | 93-181                                | 640-1250                              | 3000               | 4                        | 3                           | 1        |
| 4x3x11A SSC | 450                       | 1705                                   | 64-131                                | 440-905                               | 2600               | 4                        | 3                           | 1        |
| 4x3x11A SSC | 450                       | 1705                                   | 77-154                                | 530-1060                              | 2800               | 4                        | 3                           | 1        |
| 4x3x11A SSC | 450                       | 1705                                   | 87-171                                | 600-1180                              | 2950               | 4                        | 3                           | 1        |
| 4x3x11A SSC | 450                       | 1705                                   | 90-179                                | 620-1235                              | 3000               | 4                        | 3                           | 1        |
| 5x4 MAC     | 500                       | 1895                                   | 40-88                                 | 275-605                               | 2950               | 5                        | 4                           | 1        |
| 4x3x11A SSC | 500                       | 1895                                   | 62-129                                | 425-890                               | 2600               | 4                        | 3                           | 1        |
| 4x3x11A SSC | 500                       | 1895                                   | 73-152                                | 505-1050                              | 2800               | 4                        | 3                           | 1        |
| 4x3x11A SSC | 500                       | 1895                                   | 83-169                                | 570-1165                              | 2950               | 4                        | 3                           | 1        |
| 4x3x11A SSC | 500                       | 1895                                   | 87-176                                | 600-1215                              | 3000               | 4                        | 3                           | 1        |
| 4x3 ME      | 500                       | 1895                                   | 40-100                                | 275-690                               | 1750               | 4                        | 3                           | 1        |
| 6x5x17 SSC  | 500                       | 1895                                   | 41-66                                 | 285-450                               | 1450               | 6                        | 5                           | 1        |
| 6x5x17 SSC  | 500                       | 1895                                   | 43-68                                 | 295-470                               | 1475               | 6                        | 5                           | 1        |
| 6x5x17 SSC  | 500                       | 1895                                   | 53-91                                 | 365-625                               | 1450               | 6                        | 5                           | 1        |
| 6x5x17 SSC  | 500                       | 1895                                   | 55-93                                 | 370-640                               | 1475               | 6                        | 5                           | 1        |
| 6x5x17 SSC  | 500                       | 1895                                   | 61-95                                 | 420-655                               | 1750               | 6                        | 5                           | 1        |
| 6x5x17 SSC  | 500                       | 1895                                   | 77-142                                | 530-970                               | 1750               | 6                        | 5                           | 1        |
| 6x5x17 SSC  | 500                       | 1895                                   | 63-97                                 | 435-685                               | 1775               | 6                        | 5                           | 1        |
| 6x5x17 SSC  | 500                       | 1895                                   | 80-146                                | 550-1000                              | 1775               | 6                        | 5                           | 1        |
| 5x4 MAC     | 500                       | 1895                                   | 41-91                                 | 280-625                               | 3000               | 5                        | 4                           | 1        |
| 5x3 MAC     | 500                       | 1895                                   | 43-105                                | 295-725                               | 3300               | 5                        | 3                           | 1        |
| 5x3 MAC     | 500                       | 1895                                   | 40-122                                | 275-840                               | 3550               | 5                        | 3                           | 1        |
| 6x5 MAA     | 500                       | 1895                                   | 62-126                                | 425-870                               | 2950               | 6                        | 5                           | 1        |
| 6x5 MAA     | 500                       | 1895                                   | 65-131                                | 450-905                               | 3000               | 6                        | 5                           | 1        |
| 6x5 M       | 500                       | 1895                                   | 82-135                                | 565-930                               | 1775               | 6                        | 5                           | 1        |
| 6x5 MAA     | 500                       | 1895                                   | 100-182                               | 690-1255                              | 3550               | 6                        | 5                           | 1        |



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| Product     | Rated Capacity, (gal/min) | Rated Capacity, (dm <sup>3</sup> /min) | Rated Net Head at Rated Capacity, psi | Rated Net Head at Rated Capacity, kPa | Rated Speed, r/min | Suction Inlet, dia., in. | Discharge Outlet, dia., in. | Stage(s) |
|-------------|---------------------------|--|---------------------------------------|---------------------------------------|--------------------|--------------------------|-----------------------------|----------|
| 5x4x12 SSC  | 500                       | 1895                                   | 106-168                               | 730-1160                              | 2800               | 5                        | 4                           | 1        |
| 5x4x12A DMD | 500                       | 1895                                   | 303-422                               | 2090-2910                             | 2960               | 5                        | 4                           | 2        |
| 5x4x12A DMD | 500                       | 1895                                   | 309-332                               | 2130-2290                             | 2600               | 5                        | 4                           | 2        |
| 5x4x12A DMD | 500                       | 1895                                   | 327-386                               | 2255-2660                             | 2800               | 5                        | 4                           | 2        |
| 5x4x12B DMD | 500                       | 1895                                   | 216-297                               | 1490-2050                             | 2600               | 5                        | 4                           | 2        |
| 5x4x12B DMD | 500                       | 1895                                   | 227-347                               | 1565-2390                             | 2800               | 5                        | 4                           | 2        |
| 5x4x12B DMD | 500                       | 1895                                   | 247-389                               | 1705-2680                             | 2960               | 5                        | 4                           | 2        |
| 5x4x12B DMD | 500                       | 1895                                   | 338-565                               | 2330-3895                             | 3560               | 5                        | 4                           | 2        |
| 6x5 DMD     | 500                       | 1895                                   | 295-362                               | 2035-2495                             | 2100               | 6                        | 5                           | 2        |
| 6x5 MAA     | 500                       | 1895                                   | 114-156                               | 785-1075                              | 3300               | 6                        | 5                           | 1        |
| 4x3 DMD     | 500                       | 1895                                   | 118-200                               | 815-1380                              | 1770               | 4                        | 3                           | 2        |
| 5x4x12 SSC  | 500                       | 1895                                   | 122-186                               | 840-1280                              | 2950               | 5                        | 4                           | 1        |
| 5x4x12 SSC  | 500                       | 1895                                   | 126-191                               | 870-1315                              | 3000               | 5                        | 4                           | 1        |
| 5x4x12 SSC  | 500                       | 1895                                   | 138-272                               | 950-1875                              | 3550               | 5                        | 4                           | 1        |
| 5x3 DMD     | 500                       | 1895                                   | 170-200                               | 1170-1380                             | 2800               | 5                        | 3                           | 2        |
| 5x3 DMD     | 500                       | 1895                                   | 155-227                               | 1105-1565                             | 2950               | 5                        | 3                           | 2        |
| 5x3 DMD     | 500                       | 1895                                   | 165-235                               | 1140-1620                             | 3000               | 5                        | 3                           | 2        |
| 5x3 DMD     | 500                       | 1895                                   | 189-337                               | 1305-2325                             | 3550               | 5                        | 3                           | 2        |
| 5x3 DMD     | 500                       | 1895                                   | 198-280                               | 1365-1930                             | 3300               | 5                        | 3                           | 2        |
| 6x5 DMD     | 500                       | 1895                                   | 216-279                               | 1490-1925                             | 2100               | 6                        | 5                           | 2        |
| 6x5x17 SSC  | 750                       | 2840                                   | 40-61                                 | 275-420                               | 1450               | 6                        | 5                           | 1        |
| 6x5x17 SSC  | 750                       | 2840                                   | 40-64                                 | 275-440                               | 1475               | 6                        | 5                           | 1        |
| 6x5x17 SSC  | 750                       | 2840                                   | 48-82                                 | 325-570                               | 1450               | 6                        | 5                           | 1        |
| 6x5x17 SSC  | 750                       | 2840                                   | 50-87                                 | 345-600                               | 1475               | 6                        | 5                           | 1        |
| 6x5x14 SSC  | 750                       | 2840                                   | 54-84                                 | 370-580                               | 1750               | 6                        | 5                           | 1        |
| 6x5x14 SSC  | 750                       | 2840                                   | 56-88                                 | 385-605                               | 1780               | 6                        | 5                           | 1        |
| 6x5x17 SSC  | 750                       | 2840                                   | 58-92                                 | 400-635                               | 1750               | 6                        | 5                           | 1        |
| 6x5x17 SSC  | 750                       | 2840                                   | 73-134                                | 505-925                               | 1750               | 6                        | 5                           | 1        |
| 6x5x17 SSC  | 750                       | 2840                                   | 59-95                                 | 405-655                               | 1775               | 6                        | 5                           | 1        |
| 6x5x17 SSC  | 750                       | 2840                                   | 75-140                                | 515-950                               | 1775               | 6                        | 5                           | 1        |
| 5x4x12 SSC  | 750                       | 2840                                   | 75-179                                | 515-1235                              | 2800               | 5                        | 4                           | 1        |
| 6x5x14 SSC  | 750                       | 2840                                   | 84-128                                | 580-885                               | 2100               | 6                        | 5                           | 1        |
| 6x5x14 SSC  | 750                       | 2840                                   | 54-163                                | 370-1125                              | 2350               | 6                        | 5                           | 1        |
| 6x5x14 SSC  | 750                       | 2840                                   | 84-234                                | 580-1615                              | 2800               | 6                        | 5                           | 1        |
| 5x4 M       | 750                       | 2840                                   | 40-70                                 | 275-485                               | 1750               | 5                        | 4                           | 1        |
| 6x5 M       | 750                       | 2840                                   | 60-133                                | 415-915                               | 1760               | 6                        | 5                           | 1        |
| 6x5 MAA     | 750                       | 2840                                   | 79-119                                | 545-820                               | 2950               | 6                        | 5                           | 1        |
| 5x4 MAC     | 750                       | 2840                                   | 82-105                                | 565-725                               | 3300               | 5                        | 4                           | 1        |



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|-------------|---------------------------|--|---------------------------------------|---------------------------------------|--------------------|--------------------------|-----------------------------|----------|
| 6x5 MAA     | 750                       | 2840                                   | 83-123                                | 570-850                               | 3000               | 6                        | 5                           | 1        |
| 5x4 MAC     | 750                       | 2840                                   | 63-123                                | 435-850                               | 3550               | 5                        | 4                           | 1        |
| 5x4x12 SSC  | 750                       | 2840                                   | 78-294                                | 540-2025                              | 3550               | 5                        | 4                           | 1        |
| 5x4x12 SSC  | 750                       | 2840                                   | 85-200                                | 585-1380                              | 2950               | 5                        | 4                           | 1        |
| 5x4x12 SSC  | 750                       | 2840                                   | 88-151                                | 605-1040                              | 2600               | 5                        | 4                           | 1        |
| 5x4x12 SSC  | 750                       | 2840                                   | 88-207                                | 605-1425                              | 3000               | 5                        | 4                           | 1        |
| 6x5x14 SSC  | 750                       | 2840                                   | 95-260                                | 655-1795                              | 2950               | 6                        | 5                           | 1        |
| 6x5x14 SSC  | 750                       | 2840                                   | 100-270                               | 690-1860                              | 3000               | 6                        | 5                           | 1        |
| 5x4 M       | 750                       | 2840                                   | 100                                   | 690                                   | 2500               | 5                        | 4                           | 1        |
| 6x5 MAA     | 750                       | 2840                                   | 100-180                               | 690-1240                              | 3550               | 6                        | 5                           | 1        |
| 5x4x12 SSC  | 750                       | 2840                                   | 105-172                               | 725-1185                              | 2950               | 5                        | 4                           | 1        |
| 6x5 MAA     | 750                       | 2840                                   | 106-150                               | 730-1035                              | 3300               | 6                        | 5                           | 1        |
| 5x4x12 SSC  | 750                       | 2840                                   | 109-177                               | 750-1220                              | 3000               | 5                        | 4                           | 1        |
| 8x6 YR      | 750                       | 2840                                   | 110-171                               | 760-1180                              | 3000               | 8                        | 6                           | 1        |
| 5x4x12 SSC  | 750                       | 2840                                   | 118-262                               | 815-1805                              | 3550               | 5                        | 4                           | 1        |
| 6x5 DMD     | 750                       | 2840                                   | 150-216                               | 1035-1490                             | 1760               | 6                        | 5                           | 2        |
| 6x5x14 SSC  | 750                       | 2840                                   | 173-233                               | 1195-1605                             | 2800               | 6                        | 5                           | 1        |
| 6x5 DMD     | 750                       | 2840                                   | 177-238                               | 1220-1640                             | 1770               | 6                        | 5                           | 2        |
| 6x5 DMD     | 750                       | 2840                                   | 199-234                               | 1370-1615                             | 1780               | 6                        | 5                           | 2        |
| 6x5 DMD     | 750                       | 2840                                   | 203-338                               | 1400-2330                             | 2100               | 6                        | 5                           | 2        |
| 6x3 HW      | 750                       | 2840                                   | 252-394                               | 1735-2715                             | 3560               | 6                        | 3                           | 2        |
| 5x4x12A DMD | 750                       | 2840                                   | 285-419                               | 1965-2890                             | 2960               | 5                        | 4                           | 2        |
| 5x4x12A DMD | 750                       | 2840                                   | 296-323                               | 2040-2225                             | 2600               | 5                        | 4                           | 2        |
| 5x4x12A DMD | 750                       | 2840                                   | 315-379                               | 2170-2615                             | 2800               | 5                        | 4                           | 2        |
| 5x4x12A DMD | 750                       | 2840                                   | 397-600                               | 2735-4135                             | 3560               | 5                        | 4                           | 2        |
| 5x4x12B DMD | 750                       | 2840                                   | 190-270                               | 1310-1860                             | 2600               | 5                        | 4                           | 2        |
| 5x4x12B DMD | 750                       | 2840                                   | 199-321                               | 1370-2215                             | 2800               | 5                        | 4                           | 2        |
| 5x4x12B DMD | 750                       | 2840                                   | 216-364                               | 1490-2510                             | 2960               | 5                        | 4                           | 2        |
| 5x4x12B DMD | 750                       | 2840                                   | 310-540                               | 2135-3725                             | 3560               | 5                        | 4                           | 2        |
| 6x5 DMD     | 750                       | 2840                                   | 278-350                               | 1915-2415                             | 2100               | 6                        | 5                           | 2        |
| 6x5x17 SSC  | 1000                      | 3785                                   | 53-86                                 | 360-595                               | 1750               | 6                        | 5                           | 1        |
| 6x5x17 SSC  | 1000                      | 3785                                   | 66-125                                | 450-850                               | 1750               | 6                        | 5                           | 1        |
| 6x5x17 SSC  | 1000                      | 3785                                   | 55-90                                 | 370-620                               | 1775               | 6                        | 5                           | 1        |
| 6x5x17 SSC  | 1000                      | 3785                                   | 68-129                                | 470-890                               | 1775               | 6                        | 5                           | 1        |
| 8x6 MJ      | 1000                      | 3785                                   | 40-50                                 | 275-345                               | 1760               | 8                        | 6                           | 1        |
| 6x5x14 SSC  | 1000                      | 3785                                   | 98-155                                | 675-1070                              | 2350               | 6                        | 5                           | 1        |
| 6x5x14 SSC  | 1000                      | 3785                                   | 151-227                               | 1040-1565                             | 2800               | 6                        | 5                           | 1        |
| 6x5 M       | 1000                      | 3785                                   | 55-125                                | 380-860                               | 1770               | 6                        | 5                           | 1        |



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|--------------|---------------------------|--|---------------------------------------|---------------------------------------|--------------------|--------------------------|-----------------------------|----------|
| 6x5x14 SSC   | 1000                      | 3790                                   | 87-255                                | 600-1760                              | 2950               | 6                        | 5                           | 1        |
| 6x5x14 SSC   | 1000                      | 3790                                   | 89-265                                | 615-1825                              | 3000               | 6                        | 5                           | 1        |
| 6x5 M        | 1000                      | 3785                                   | 100                                   | 690                                   | 2450               | 6                        | 5                           | 1        |
| 6x5 MAA      | 1000                      | 3785                                   | 100                                   | 690                                   | 3550               | 6                        | 5                           | 1        |
| 6x5 MAA      | 1000                      | 3785                                   | 112-165                               | 770-1140                              | 3550               | 6                        | 5                           | 1        |
| 8x6 YR       | 1000                      | 3785                                   | 100-165                               | 690-1140                              | 3000               | 8                        | 6                           | 1        |
| 5x4x12 SSC   | 1000                      | 3785                                   | 130-188                               | 895-1295                              | 2950               | 5                        | 4                           | 1        |
| 5x4x12 SSC   | 1000                      | 3785                                   | 136-195                               | 940-1345                              | 3000               | 5                        | 4                           | 1        |
| 6x5 DMD      | 1000                      | 3785                                   | 152-232                               | 1050-1600                             | 1770               | 6                        | 5                           | 2        |
| 6x5x14 SSC   | 1000                      | 3785                                   | 165-225                               | 1140-1550                             | 2800               | 6                        | 5                           | 1        |
| 5x4x12A DMD  | 1000                      | 3785                                   | 270-298                               | 1860-2055                             | 2600               | 5                        | 4                           | 2        |
| 5x4x12A DMD  | 1000                      | 3785                                   | 272-396                               | 1875-2730                             | 2960               | 5                        | 4                           | 2        |
| 5x4x12A DMD  | 1000                      | 3785                                   | 290-355                               | 2000-2450                             | 2800               | 5                        | 4                           | 2        |
| 5x4x12A DMD  | 1000                      | 3785                                   | 368-578                               | 2535-3985                             | 3560               | 5                        | 4                           | 2        |
| 6x5 DMD      | 1000                      | 3785                                   | 252-332                               | 1740-2290                             | 2100               | 6                        | 5                           | 2        |
| 6x5x11A SSC* | 1000                      | 3785                                   | 64-122                                | 440-840                               | 2600               | 6                        | 5                           | 1        |
| 6x5x11A SSC* | 1000                      | 3785                                   | 81-164                                | 560-1130                              | 2950               | 6                        | 5                           | 1        |
| 6x5x11B SSC* | 1000                      | 3785                                   | 72-145                                | 495-1000                              | 2950               | 6                        | 5                           | 1        |
| 8x6x12A DMD  | 1000                      | 3785                                   | 306-360                               | 2110-2480                             | 2950               | 8                        | 6                           | 2        |
| 5x4x12 SSC   | 1000                      | 3785                                   | 198-284                               | 1365-1960                             | 3550               | 5                        | 4                           | 1        |
| 8x6 MI       | 1250                      | 4730                                   | 42-112                                | 290-770                               | 1750               | 8                        | 6                           | 1        |
| 8x6 MI       | 1250                      | 4730                                   | 43-69                                 | 295-475                               | 1775               | 8                        | 6                           | 1        |
| 8x6 MI       | 1250                      | 4730                                   | 62-109                                | 425-750                               | 1750               | 8                        | 6                           | 1        |
| 8x6 MI       | 1250                      | 4730                                   | 65-112                                | 450-770                               | 1775               | 8                        | 6                           | 1        |
| 8x6 MI       | 1250                      | 4730                                   | 72-104                                | 495-715                               | 1750               | 8                        | 6                           | 1        |
| 8x6 MI       | 1250                      | 4730                                   | 74-108                                | 510-745                               | 1775               | 8                        | 6                           | 1        |
| 8x6x12 SSC   | 1250                      | 4730                                   | 79-155                                | 545-1070                              | 2800               | 8                        | 6                           | 1        |
| 8x6x12 SSC   | 1250                      | 4730                                   | 82-102                                | 565-705                               | 2350               | 8                        | 6                           | 1        |
| 8x6x12 SSC   | 1250                      | 4730                                   | 90-175                                | 620-1205                              | 2950               | 8                        | 6                           | 1        |
| 8x6 MABS     | 1250                      | 4730                                   | 99-131                                | 685-905                               | 1750               | 8                        | 6                           | 1        |
| 8x6 YR       | 1250                      | 4730                                   | 100-156                               | 690-1075                              | 3000               | 8                        | 6                           | 1        |
| 8x6 MABS     | 1250                      | 4730                                   | 102-136                               | 705-940                               | 1780               | 8                        | 6                           | 1        |
| 8x6x13B SSC  | 1250                      | 4730                                   | 109-160                               | 750-1105                              | 2600               | 8                        | 6                           | 1        |
| 8x6x13A SSC  | 1250                      | 4730                                   | 127-161                               | 875-1110                              | 2600               | 8                        | 6                           | 1        |
| 8x6x13A SSC  | 1250                      | 4730                                   | 147-187                               | 1015-1290                             | 2800               | 8                        | 6                           | 1        |
| 8x6x13A SSC  | 1250                      | 4730                                   | 168-213                               | 1160-1470                             | 2970               | 8                        | 6                           | 1        |
| 8x6x13A SSC  | 1250                      | 4730                                   | 171-217                               | 1180-1495                             | 3000               | 8                        | 6                           | 1        |
| 8x6 MI       | 1250                      | 4730                                   | 74-164                                | 510-1130                              | 2100               | 8                        | 6                           | 1        |



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|--------------|---------------------------|--|---------------------------------------|---------------------------------------|--------------------|--------------------------|-----------------------------|----------|
| 8x6 MI       | 1250                      | 4730                                   | 50-116                                | 345-800                               | 1780               | 8                        | 6                           | 1        |
| 6x5x11A SSC* | 1250                      | 4730                                   | 98-152                                | 675-1050                              | 2950               | 6                        | 5                           | 1        |
| 6x5x11B SSC* | 1250                      | 4730                                   | 113-208                               | 780-1435                              | 3560               | 6                        | 5                           | 1        |
| 8x6 MABS     | 1250                      | 4730                                   | 157-217                               | 1080-1495                             | 2350               | 8                        | 6                           | 1        |
| 8x6x12A DMD  | 1250                      | 4730                                   | 291-346                               | 2005-2385                             | 2950               | 8                        | 6                           | 2        |
| 8x6x12 SSC   | 1250                      | 4730                                   | 118-224                               | 815-1545                              | 3300               | 8                        | 6                           | 1        |
| 8x6x12 SSC   | 1250                      | 4730                                   | 141-267                               | 970-1840                              | 3575               | 8                        | 6                           | 1        |
| 6x5x14 SSC   | 1250                      | 4730                                   | 152-216                               | 1050-1490                             | 2800               | 6                        | 5                           | 1        |
| 6x5x14 SSC   | 1250                      | 4730                                   | 145-238                               | 1000-1640                             | 2950               | 6                        | 5                           | 1        |
| 6x5x14 SSC   | 1250                      | 4730                                   | 151-247                               | 1040-1705                             | 3000               | 6                        | 5                           | 1        |
| 6x5 DMD      | 1250                      | 4730                                   | 184                                   | 1270                                  | 1780               | 6                        | 5                           | 1        |
| 8x6 MI       | 1500                      | 5680                                   | 40-69                                 | 275-475                               | 1760               | 8                        | 6                           | 1        |
| 8x6 MI       | 1500                      | 5680                                   | 49-107                                | 340-740                               | 1750               | 8                        | 6                           | 1        |
| 8x6 MI       | 1500                      | 5680                                   | 51-67                                 | 350-460                               | 1775               | 8                        | 6                           | 1        |
| 10x8x17 SSC  | 1500                      | 5680                                   | 53-84                                 | 365-580                               | 1450               | 10                       | 8                           | 1        |
| 10x8x17 SSC  | 1500                      | 5680                                   | 55-86                                 | 380-595                               | 1475               | 10                       | 8                           | 1        |
| 8x6 MI       | 1500                      | 5680                                   | 59-106                                | 405-730                               | 1750               | 8                        | 6                           | 1        |
| 8x6 MI       | 1500                      | 5680                                   | 61-109                                | 420-750                               | 1775               | 8                        | 6                           | 1        |
| 8x6 MI       | 1500                      | 5680                                   | 69-101                                | 475-695                               | 1750               | 8                        | 6                           | 1        |
| 8x6 MI       | 1500                      | 5680                                   | 70-100                                | 485-690                               | 1760               | 8                        | 6                           | 1        |
| 8x6 MI       | 1500                      | 5680                                   | 71-105                                | 490-725                               | 1775               | 8                        | 6                           | 1        |
| 8x6 MABS     | 1500                      | 5680                                   | 94-122                                | 650-840                               | 1750               | 8                        | 6                           | 1        |
| 8x6 MABS     | 1500                      | 5680                                   | 98-127                                | 675-875                               | 1780               | 8                        | 6                           | 1        |
| 8x6 YR       | 1500                      | 5680                                   | 99-142                                | 685-980                               | 3000               | 8                        | 6                           | 1        |
| 8x6 MI       | 1500                      | 5680                                   | 104-154                               | 715-1060                              | 2100               | 8                        | 6                           | 1        |
| 8x6 MABS     | 1500                      | 5680                                   | 100-125                               | 690-860                               | 1750               | 8                        | 6                           | 1        |
| 8x6 MI       | 1500                      | 5680                                   | 69-162                                | 475-1115                              | 2100               | 8                        | 6                           | 1        |
| 8x6x12 SSC   | 1500                      | 5680                                   | 117-144                               | 805-995                               | 2800               | 8                        | 6                           | 1        |
| 10x8x23A SSC | 1500                      | 5680                                   | 129-193                               | 890-1330                              | 1470               | 10                       | 8                           | 1        |
| 10x8x23A SSC | 1500                      | 5680                                   | 134-201                               | 925-1385                              | 1500               | 10                       | 8                           | 1        |
| 10x8x23A SSC | 1500                      | 5680                                   | 138-285                               | 950-1960                              | 1780               | 10                       | 8                           | 1        |
| 12x8 MAA*    | 1500                      | 5680                                   | 68-168                                | 470-1160                              | 1470               | 12                       | 8                           | 1        |
| 12x8 MAA*    | 1500                      | 5680                                   | 71-175                                | 490-1205                              | 1500               | 12                       | 8                           | 1        |
| 8x6 MABS     | 1500                      | 5680                                   | 145-210                               | 1000-1450                             | 2350               | 8                        | 6                           | 1        |
| 8x6 MI       | 1500                      | 5680                                   | 70-111                                | 485-765                               | 1780               | 8                        | 6                           | 1        |
| 8x6x13A SSC  | 1500                      | 5680                                   | 120-153                               | 825-1055                              | 2600               | 8                        | 6                           | 1        |
| 8x6x13A SSC  | 1500                      | 5680                                   | 138-179                               | 950-1235                              | 2800               | 8                        | 6                           | 1        |
| 8x6x13A SSC  | 1500                      | 5680                                   | 159-205                               | 1095-1415                             | 2970               | 8                        | 6                           | 1        |



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| Product      | Rated Capacity, (gal/min) | Rated Capacity, (dm <sup>3</sup> /min) | Rated Net Head at Rated Capacity, psi | Rated Net Head at Rated Capacity, kPa | Rated Speed, r/min | Suction Inlet, dia., in. | Discharge Outlet, dia., in. | Stage(s) |
|--------------|---------------------------|--|---------------------------------------|---------------------------------------|--------------------|--------------------------|-----------------------------|----------|
| 8x6x13A SSC  | 1500                      | 5680                                   | 163-209                               | 1125-1440                             | 3000               | 8                        | 6                           | 1        |
| 8x6x13B SSC  | 1500                      | 5680                                   | 105-155                               | 725-1070                              | 2600               | 8                        | 6                           | 1        |
| 8x6x13B SSC  | 1500                      | 5680                                   | 123-180                               | 850-1240                              | 2800               | 8                        | 6                           | 1        |
| 8x6x13B SSC  | 1500                      | 5680                                   | 140-205                               | 965-1415                              | 2970               | 8                        | 6                           | 1        |
| 8x6x13B SSC  | 1500                      | 5680                                   | 143-209                               | 985-1440                              | 3000               | 8                        | 6                           | 1        |
| 8x6 MAA      | 1500                      | 5680                                   | 127-203                               | 875-1400                              | 3570               | 8                        | 6                           | 1        |
| 8x6x12 SSC   | 1500                      | 5680                                   | 133-164                               | 920-1130                              | 2950               | 8                        | 6                           | 1        |
| 8x6x12 SSC   | 1500                      | 5680                                   | 139-214                               | 960-1475                              | 3300               | 8                        | 6                           | 1        |
| 8x6x12 SSC   | 1500                      | 5680                                   | 168-256                               | 1160-1765                             | 3575               | 8                        | 6                           | 1        |
| 12x8 MAA*    | 2000                      | 7570                                   | 64-164                                | 440-1130                              | 1470               | 12                       | 8                           | 1        |
| 10x8 M**     | 2000                      | 7570                                   | 65-152                                | 450-1050                              | 1760               | 10                       | 8                           | 1        |
| 10x8x17 SSC  | 2000                      | 7570                                   | 67-91                                 | 460-630                               | 1450               | 10                       | 8                           | 1        |
| 10x8x17 SSC  | 2000                      | 7570                                   | 71-95                                 | 490-655                               | 1475               | 10                       | 8                           | 1        |
| 10x8x17 SSC  | 2000                      | 7570                                   | 74-121                                | 510-835                               | 1750               | 10                       | 8                           | 1        |
| 10x8x17 SSC  | 2000                      | 7570                                   | 78-127                                | 540-875                               | 1785               | 10                       | 8                           | 1        |
| 12x8 MAA*    | 2000                      | 7570                                   | 67-173                                | 460-1195                              | 1500               | 12                       | 8                           | 1        |
| 10x8 M**     | 2000                      | 7570                                   | 70-106                                | 485-730                               | 1500               | 10                       | 8                           | 1        |
| 8x6 YS       | 2000                      | 7570                                   | 89-100                                | 615-690                               | 1780               | 8                        | 6                           | 1        |
| 8x6x13B SSC  | 2000                      | 7570                                   | 112-166                               | 770-1145                              | 2800               | 8                        | 6                           | 1        |
| 8x6x13B SSC  | 2000                      | 7570                                   | 129-191                               | 890-1315                              | 2970               | 8                        | 6                           | 1        |
| 8x6x13B SSC  | 2000                      | 7570                                   | 132-196                               | 910-1350                              | 3000               | 8                        | 6                           | 1        |
| 8x6 YS       | 2000                      | 7570                                   | 95-141                                | 655-970                               | 2100               | 8                        | 6                           | 1        |
| 10x8x23A SSC | 2000                      | 7570                                   | 119-188                               | 820-1295                              | 1470               | 10                       | 8                           | 1        |
| 10x8x23A SSC | 2000                      | 7570                                   | 125-197                               | 860-1360                              | 1500               | 10                       | 8                           | 1        |
| 10x8x23A SSC | 2000                      | 7570                                   | 127-282                               | 875-1935                              | 1780               | 10                       | 8                           | 1        |
| 10x8x17SSC   | 2000                      | 7570                                   | 115-168                               | 795-1160                              | 2100               | 10                       | 8                           | 1        |
| 10x8 M**     | 2000                      | 7570                                   | 135-214                               | 930-1475                              | 2100               | 10                       | 8                           | 1        |
| 12x8 MAA*    | 2500                      | 9465                                   | 88-160                                | 605-1105                              | 1470               | 12                       | 8                           | 1        |
| 10x8 M**     | 2500                      | 9465                                   | 100-150                               | 690-1035                              | 1770               | 10                       | 8                           | 1        |
| 12x10 MAA    | 2500                      | 9465                                   | 77-144                                | 530-995                               | 1770               | 12                       | 10                          | 1        |
| 12x8 MAA*    | 2500                      | 9465                                   | 91-169                                | 625-1165                              | 1500               | 12                       | 8                           | 1        |
| 10x8x17 SSC  | 2500                      | 9465                                   | 97-132                                | 670-910                               | 1750               | 10                       | 8                           | 1        |
| 10x8x17 SSC  | 2500                      | 9465                                   | 104-139                               | 715-960                               | 1785               | 10                       | 8                           | 1        |
| 8x6 YS       | 2500                      | 9465                                   | 110-131                               | 760-905                               | 2100               | 8                        | 6                           | 1        |
| 10x8 M**     | 2500                      | 9465                                   | 135-210                               | 930-1450                              | 2100               | 10                       | 8                           | 1        |
| 10x8x17SSC   | 2500                      | 9465                                   | 150-186                               | 1035-1280                             | 2100               | 10                       | 8                           | 1        |
| 12x8 MAA*    | 3000                      | 11,355                                 | 106-177                               | 730-1220                              | 1470               | 12                       | 8                           | 1        |
| 12x8 MAA*    | 3000                      | 11,355                                 | 80-180                                | 550-1240                              | 1750               | 12                       | 8                           | 1        |



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| Product        | Rated Capacity, (gal/min) | Rated Capacity, (dm <sup>3</sup> /min) | Rated Net Head at Rated Capacity, psi | Rated Net Head at Rated Capacity, kPa | Rated Speed, r/min | Suction Inlet, dia., in. | Discharge Outlet, dia., in. | Stage(s) |
|----------------|---------------------------|--|---------------------------------------|---------------------------------------|--------------------|--------------------------|-----------------------------|----------|
| 12x8 MAA*      | 3500                      | 13,250                                 | 102-172                               | 705-1185                              | 1470               | 12                       | 8                           | 1        |
| 12x8 MAA*      | 3500                      | 13,250                                 | 89-188                                | 615-1295                              | 1750               | 12                       | 8                           | 1        |
| 12x8 MAA*      | 3500                      | 13,250                                 | 115-174                               | 795-1200                              | 1470               | 12                       | 8                           | 1        |
| 16x12x21 SSC*  | 3500                      | 13,250                                 | 106-212                               | 730-1460                              | 1780               | 16                       | 12                          | 1        |
| 16x12x21 SSC*  | 3500                      | 13,250                                 | 71-144                                | 490-995                               | 1470               | 16                       | 12                          | 1        |
| 16x12x26A SSC* | 3500                      | 13,250                                 | 265                                   | 1825                                  | 1770               | 16                       | 12                          | 1        |
| 16x12x26A SSC* | 3500                      | 13,250                                 | 153-229                               | 1055-1580                             | 1475               | 16                       | 12                          | 1        |
| 12x8 MAA*      | 4000                      | 15,140                                 | 140-167                               | 965-1150                              | 1470               | 12                       | 8                           | 1        |
| 16x12x21 SSC*  | 4000                      | 15,140                                 | 103-211                               | 710-1455                              | 1780               | 16                       | 12                          | 1        |
| 16x12x21 SSC*  | 4000                      | 15,140                                 | 69-141                                | 475-970                               | 1470               | 16                       | 12                          | 1        |
| 12x8 MAA*      | 4000                      | 15,140                                 | 98-188                                | 675-1295                              | 1750               | 12                       | 8                           | 1        |
| 16x12x26A SSC* | 4000                      | 15,140                                 | 262                                   | 1805                                  | 1770               | 16                       | 12                          | 1        |
| 16x12x26A SSC* | 4000                      | 15,140                                 | 147-223                               | 1015-1540                             | 1475               | 16                       | 12                          | 1        |
| 16x12x21 SSC*  | 4500                      | 17,035                                 | 101-208                               | 695-1435                              | 1780               | 16                       | 12                          | 1        |
| 16x12x21 SSC*  | 4500                      | 17,035                                 | 66-137                                | 455-945                               | 1470               | 16                       | 12                          | 1        |
| 16x12x26A SSC* | 4500                      | 17,035                                 | 140-218                               | 965-1505                              | 1475               | 16                       | 12                          | 1        |
| 16x12x26A SSC* | 4500                      | 17,035                                 | 256                                   | 1765                                  | 1770               | 16                       | 12                          | 1        |
| 16x12x21 SSC*  | 5000                      | 18,925                                 | 107-132                               | 740-910                               | 1470               | 16                       | 12                          | 1        |
| 16x12x21 SSC*  | 5000                      | 18,925                                 | 108-204                               | 745-1405                              | 1780               | 16                       | 12                          | 1        |
| 16x12x26A SSC* | 5000                      | 18,925                                 | 161-209                               | 1110-1440                             | 1475               | 16                       | 12                          | 1        |
| 16x12x26A SSC* | 5000                      | 18,925                                 | 253                                   | 1745                                  | 1770               | 16                       | 12                          | 1        |
| 18x14 MAB*     | 5500                      | 20,820                                 | 120-164                               | 825-1130                              | 1470               | 18                       | 14                          | 1        |
| 18x14 MAB*     | 6000                      | 22,710                                 | 118-163                               | 815-1125                              | 1470               | 18                       | 14                          | 1        |
| 18x14 MAB*     | 6500                      | 24,605                                 | 115-161                               | 795-1110                              | 1470               | 18                       | 14                          | 1        |
| 18x14 MAB*     | 7000                      | 26,500                                 | 112-158                               | 770-1090                              | 1470               | 18                       | 14                          | 1        |

\* These pumps available with special materials for use in nonpotable water applications.

\*\* This model is available with an "I" preceding the type designation indicating alternate materials of construction.



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# Certificate of Compliance

## Vertical Mounted

| Product     | Rated Capacity, (gal/min) | Rated Capacity, (dm <sup>3</sup> /min) | Rated Net Head at Rated Capacity, psi | Rated Net Head at Rated Capacity, kPa | Rated Speed, r/min | Suction Inlet, dia., in. | Discharge Outlet, dia., in. | Stage(s) |
|-------------|---------------------------|--|---------------------------------------|---------------------------------------|--------------------|--------------------------|-----------------------------|----------|
| 4x3 MEV     | 500                       | 1895                                   | 40-100                                | 275-690                               | 1760               | 4                        | 3                           | 1        |
| 5x3 MACV    | 500                       | 1895                                   | 40-122                                | 275-840                               | 3550               | 5                        | 3                           | 1        |
| 6x5x17 SSCV | 500                       | 1895                                   | 41-66                                 | 285-450                               | 1450               | 6                        | 5                           | 1        |
| 6x5x17 SSCV | 500                       | 1895                                   | 43-68                                 | 295-470                               | 1475               | 6                        | 5                           | 1        |
| 6x5x17 SSCV | 500                       | 1895                                   | 53-91                                 | 365-625                               | 1450               | 6                        | 5                           | 1        |
| 6x5x17 SSCV | 500                       | 1895                                   | 55-93                                 | 370-640                               | 1475               | 6                        | 5                           | 1        |
| 6x5x17 SSCV | 500                       | 1895                                   | 61-95                                 | 420-655                               | 1750               | 6                        | 5                           | 1        |
| 6x5x17 SSCV | 500                       | 1895                                   | 63-97                                 | 435-685                               | 1775               | 6                        | 5                           | 1        |
| 6x5x17 SSCV | 500                       | 1895                                   | 77-142                                | 530-970                               | 1750               | 6                        | 5                           | 1        |
| 6x5x17 SSCV | 500                       | 1895                                   | 80-146                                | 100-550                               | 1775               | 6                        | 5                           | 1        |
| 6x5 MAAV    | 500                       | 1895                                   | 100-182                               | 690-1255                              | 3550               | 6                        | 5                           | 1        |
| 6x5x17 SSCV | 750                       | 2840                                   | 40-61                                 | 275-420                               | 1450               | 6                        | 5                           | 1        |
| 6x5x17 SSCV | 750                       | 2840                                   | 40-64                                 | 275-440                               | 1475               | 6                        | 5                           | 1        |
| 5x4 MV      | 750                       | 2840                                   | 40-70                                 | 275-485                               | 1760               | 5                        | 4                           | 1        |
| 6x5x17 SSCV | 750                       | 2840                                   | 48-82                                 | 325-570                               | 1450               | 6                        | 5                           | 1        |
| 6x5x17 SSCV | 750                       | 2840                                   | 50-87                                 | 345-600                               | 1475               | 6                        | 5                           | 1        |
| 6x5x17 SSCV | 750                       | 2840                                   | 58-92                                 | 400-635                               | 1750               | 6                        | 5                           | 1        |
| 6x5x17 SSCV | 750                       | 2840                                   | 59-95                                 | 405-655                               | 1775               | 6                        | 5                           | 1        |
| 6x5 MV      | 750                       | 2840                                   | 70-125                                | 485-860                               | 1760               | 6                        | 5                           | 1        |
| 6x5x17 SSCV | 750                       | 2840                                   | 73-134                                | 505-925                               | 1750               | 6                        | 5                           | 1        |
| 5x4 MACV    | 750                       | 2840                                   | 63-123                                | 435-850                               | 3550               | 6                        | 4                           | 1        |
| 6x5x17 SSCV | 750                       | 2840                                   | 75-140                                | 515-950                               | 1775               | 6                        | 5                           | 1        |
| 6x5 MAAV    | 750                       | 2840                                   | 100-180                               | 690-1240                              | 3550               | 6                        | 5                           | 1        |
| 6x5 MV      | 1000                      | 3785                                   | 51-125                                | 350-860                               | 1760               | 6                        | 5                           | 1        |
| 6x5x17 SSCV | 1000                      | 3785                                   | 53-86                                 | 360-595                               | 1750               | 6                        | 5                           | 1        |
| 6x5x17 SSCV | 1000                      | 3785                                   | 55-90                                 | 370-620                               | 1775               | 6                        | 5                           | 1        |
| 6x5x17 SSCV | 1000                      | 3785                                   | 66-125                                | 450-850                               | 1750               | 6                        | 5                           | 1        |
| 6x5x17 SSCV | 1000                      | 3785                                   | 68-129                                | 470-890                               | 1775               | 6                        | 5                           | 1        |
| 6x5 MAAV    | 1000                      | 3785                                   | 112-165                               | 770-1140                              | 3550               | 6                        | 5                           | 1        |
| 8x6 MIV     | 1500                      | 5680                                   | 40-100                                | 275-690                               | 1760               | 8                        | 6                           | 1        |



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