





# NO MORE FIRE

FIRE PUMP  
AND  
ACCESSORIES

**NMFire**  
PYRO ENGINEERING



## NMFIRE는

2013년 설립된 중국 후난성에 위치한 소방 펌프만을 전문적으로 공급하는 회사로서, UL/FM 인증된 모든 종류의 소화 펌프를 공급합니다. 또한 전세계 소화 펌프 제조사 중에서 유일하게 UL/FM 인증된 디젤 엔진을 자체 생산하여 공급합니다. 이를 바탕으로 엔진 펌프, 모터 펌프, 충압 펌프는 물론이고 소방 펌프 스킴 패키지 및 컨테이너형 펌프 스테이션을 제조하고 있으며, 국내 외 화재 보호 기준을 충족하고 있습니다. NMFIRE는 현명하고 과감한 투자로 가격과 효율성 측면에서 경쟁력을 갖춘 안전한 소방 펌프 솔루션을 구축하였습니다.

## NMFIRE만의 5가지 장점

### · 경쟁사 대비 더 향상된 성능

자체 조립 방식 적용 및 NFPA20 Standard 기준으로 UL/FM 인증을 획득하였습니다.

NMFIRE는 후발주자로서, 더욱 현대화 된 기술력과 설계를 바탕으로 연구 및 개발하여 미국, 유럽 경쟁사들 제품보다 향상된 성능을 확보하였습니다.

### · 다양한 모델의 소화 펌프 공급 가능

다양한 형태의 UL/FM 소방 펌프를 보유하고 있으며, 특히 Split Case Type(SCF)의 경우 8,000 USgpm 까지 다양한 모델의 UL/FM 인증된 소화 펌프를 공급할 수 있습니다.

### · UL/FM 인증된 자체 브랜드의 디젤 엔진 생산

소방 펌프사 중에서 유일하게 자체 브랜드를 가진 UL/FM 인증 된 디젤 엔진을 생산합니다.

### · 경쟁사를 능가하는 고품질의 서비스 제공

설계 최적화로 경쟁사 대비 더 작은 축동력(BHP)으로 운전이 가능하고, 이로 인해 더 작은 사이즈의 모터 및 엔진으로 고품질의 서비스를 제공합니다.

### · 경쟁사보다 빠른 납기 보장

현대화 된 제조 공정과 기술력, 충분한 재고 그리고 한국과 가까운 지리적 이점으로 미국이나 유럽 경쟁사보다 훨씬 빠른 납기를 보장합니다.



## UL/FM 인증 소화펌프 소개



UL 인증은 미국의 안전 규격을 정하는 기관인 Underwriters Laboratories에서 부여하는 인증으로, UL 인증을 받은 펌프는 NFPA 기준을 준수하며, 신뢰성과 내구성이 검증된 제품으로 인정받습니다.



FM 인증은 Factory Mutual에서 부여하는 인증으로, 소방 및 안전 관련 제품이 엄격한 성능 및 품질기준을 충족했음을 의미하며, 특히 소화 펌프에서 FM 인증을 받았다는 것은 소방 펌프가 시스템에서 안전하게 작동할 수 있도록 설계 및 테스트 되었다는 것을 보증합니다.



NMFire의 소화 펌프는 UL/FM 인증을 모두 취득한 펌프로서, 소방 시스템에서 필수적으로 요구되는 품질과 성능을 갖춘 제품으로, 화재 발생 시 안정적인 작동을 보장합니다.



## Split Casing Type Engine Pumps

유량 : 300 - 8000 GPM

양정 : 40 - 373 PSI

RPM : 1470 - 2950 RPM

| GPM | PRESSURE RANGE                       | PUMP MODEL            | DIESEL ENGINE DRIVER |      |     |     |
|-----|--------------------------------------|-----------------------|----------------------|------|-----|-----|
|     |                                      |                       | MODEL (UL& FM)       | RPM  | HP  | kW  |
| 300 | UL (54-81psi)<br>FM (53-80psi)       | SCF125-80-200 (5×3")  | NM4-90C              | 2950 | 39  | 29  |
|     |                                      |                       | NM4-90               | 2950 | 51  | 38  |
|     |                                      |                       | NM4-90B              | 2950 | 61  | 45  |
|     | UL (83-136psi)<br>FM (83-136psi)     | SCF125-80-250 (5×3")  | NM4-90               | 2950 | 51  | 38  |
|     |                                      |                       | NM4-90C              | 2950 | 39  | 29  |
|     | UL (87-152psi)<br>FM (87-153psi)     | SCF100-80-250 (4×3")  | NM4-90               | 2950 | 51  | 38  |
|     |                                      |                       | NM4-90B              | 2950 | 61  | 45  |
|     |                                      |                       | NM4-105              | 2950 | 86  | 64  |
|     |                                      |                       | NM4-108B             | 2950 | 121 | 90  |
|     |                                      |                       | NM4-108              | 2950 | 95  | 71  |
|     | UL (123-195psi)<br>FM (123-195psi)   | SCF125-100-300 (5×4") | NM4-108B             | 2950 | 121 | 90  |
|     |                                      |                       | NM6-110B             | 2950 | 153 | 114 |
| 400 | UL (53-79 psi)<br>FM (52-79 psi)     | SCF125-80-200 (5×3")  | NM4-90C              | 2950 | 39  | 29  |
|     |                                      |                       | NM4-90               | 2950 | 51  | 38  |
|     |                                      |                       | NM4-90B              | 2950 | 61  | 45  |
|     | UL (84-150 psi)<br>FM (83-149 psi)   | SCF100-80-250 (4×3")  | NM4-90B              | 2950 | 61  | 45  |
|     |                                      |                       | NM4-90C              | 2950 | 51  | 38  |
|     |                                      |                       | NM4-90               | 2950 | 61  | 45  |
|     |                                      |                       | NM4-90B              | 2950 | 86  | 64  |
|     |                                      |                       | NM4-105              | 2950 | 121 | 90  |
|     |                                      |                       | NM6-110B             | 2950 | 153 | 114 |
|     | UL (120-189 psi)<br>FM (120-189 psi) | SCF125-100-300 (5×4") | NM4-108              | 2950 | 94  | 70  |
|     |                                      |                       | NM4-108B             | 2950 | 121 | 90  |
|     |                                      |                       | NM6-110B             | 2950 | 153 | 114 |
| 450 | UL (52-78 psi)<br>FM (51-78 psi)     | SCF125-80-200 (5×3")  | NM4-90C              | 2950 | 39  | 29  |
|     |                                      |                       | NM4-90               | 2950 | 51  | 38  |
|     |                                      |                       | NM4-90B              | 2950 | 61  | 45  |
|     | UL (82-147 psi)<br>FM (80-146 psi)   | SCF100-80-250 (4×3")  | NM4-90C              | 2950 | 39  | 29  |
|     |                                      |                       | NM4-90               | 2950 | 51  | 38  |
|     |                                      |                       | NM4-90B              | 2950 | 61  | 45  |
|     |                                      |                       | NM4-105              | 2950 | 86  | 64  |
|     |                                      |                       | NM4-108B             | 2950 | 121 | 90  |
|     |                                      |                       | NM4-108              | 2950 | 94  | 70  |
|     | UL (119-187 psi)<br>FM (119-187 psi) | SCF125-100-300 (5×4") | NM4-108B             | 2950 | 121 | 90  |
|     |                                      |                       | NM6-110B             | 2950 | 153 | 114 |
|     |                                      |                       | NM4-90C              | 2950 | 39  | 29  |
| 500 | UL (51-77 psi)<br>FM (50-77 psi)     | SCF125-80-200 (5×3")  | NM4-90               | 2950 | 51  | 38  |
|     |                                      |                       | NM4-90B              | 2950 | 61  | 45  |
|     |                                      |                       | NM4-90C              | 2950 | 39  | 29  |
|     | UL (79-144 psi)<br>FM (78-142 psi)   | SCF100-80-250 (4×3")  | NM4-90               | 2950 | 51  | 38  |
|     |                                      |                       | NM4-90B              | 2950 | 61  | 45  |
|     |                                      |                       | NM4-105              | 2950 | 86  | 64  |
|     |                                      |                       | NM4-108B             | 2950 | 121 | 90  |
|     |                                      |                       | NM4-90C              | 2950 | 39  | 29  |
|     |                                      |                       | NM4-90               | 2950 | 51  | 38  |

| GPM  | PRESSURE RANGE                       | PUMP MODEL              | DIESEL ENGINE DRIVER |      |     |     |
|------|--------------------------------------|-------------------------|----------------------|------|-----|-----|
|      |                                      |                         | MODEL (UL& FM)       | RPM  | HP  | kW  |
| 500  | UL (117-184 psi)<br>FM (117-184 psi) | SCF125-100-300 (5×4")   | NM4-108              | 2950 | 94  | 70  |
|      |                                      |                         | NM4-108B             | 2950 | 121 | 90  |
|      |                                      |                         | NM6-110B             | 2950 | 153 | 114 |
|      | UL (184-295 psi)<br>FM (180-291 psi) | SCF125-80-350 (5×3")    | NM4-108B             | 2950 | 121 | 90  |
|      |                                      |                         | NM6-110B             | 2950 | 153 | 114 |
|      |                                      |                         | NM6-110E             | 2900 | 192 | 143 |
|      |                                      |                         | NM6-110D             | 2900 | 268 | 200 |
|      |                                      |                         | NM6-108E             | 2950 | 335 | 250 |
|      | UL (323-405 psi)<br>FM (324-408 psi) | SCF125-100-330×2 (5×4") | NM6-110D             | 2900 | 268 | 200 |
|      |                                      |                         | NM6-108E             | 2950 | 335 | 250 |
| 750  | UL (40-77 psi)<br>FM (40-78 psi)     | SCF200-150-330 (8×6")   | NM6-105B             | 1760 | 280 | 209 |
|      | UL (68 psi)<br>FM (67 psi)           | SCF125-80-200 (5×3")    | NM4-90               | 2950 | 51  | 38  |
|      | UL (108-120 psi)<br>FM (106-118 psi) | SCF125-80-250 (5×3")    | NM4-105              | 2950 | 86  | 64  |
|      |                                      |                         | NM4-108B             | 2950 | 121 | 90  |
|      | UL (104-163 psi)<br>FM (104-163 psi) | SCF125-100-300 (5×4")   | NM4-105              | 2950 | 86  | 64  |
|      |                                      |                         | NM4-108              | 2950 | 94  | 70  |
|      |                                      |                         | NM4-108B             | 2950 | 121 | 90  |
|      | UL (167-286 psi)<br>FM (164-283 psi) | SCF125-80-350 (5×3")    | NM6-110B             | 2950 | 153 | 114 |
|      |                                      |                         | NM4-108B             | 2950 | 121 | 90  |
|      |                                      |                         | NM6-110B             | 2950 | 153 | 114 |
|      |                                      |                         | NM6-110E             | 2900 | 192 | 143 |
|      |                                      |                         | NM6-110D             | 2900 | 268 | 200 |
|      | UL (263-361 psi)<br>FM (263-361 psi) | SCF200-150-450×2 (8×6") | NM6-108E             | 2950 | 335 | 250 |
|      |                                      |                         | NM6-114B             | 1760 | 280 | 209 |
|      |                                      |                         | NM6-135B             | 1760 | 338 | 252 |
|      |                                      |                         | NM6-135              | 1760 | 375 | 280 |
|      | UL (280-368 psi)<br>FM (282-373 psi) | SCF125-100-330×2 (5×4") | NM6-128B             | 1760 | 396 | 295 |
|      |                                      |                         | NM6-127              | 1760 | 469 | 350 |
|      |                                      |                         | NM6-110D             | 2900 | 268 | 200 |
|      |                                      |                         | NM6-108E             | 2950 | 335 | 250 |
| 1000 | UL (40-74 psi)<br>FM (40-75 psi)     | SCF200-150-330 (8×6")   | NM6-105B             | 1760 | 204 | 152 |
|      |                                      |                         | NM6-114B             | 1760 | 280 | 209 |
|      | UL (103-151psi)<br>FM (99-148psi)    | SCF150-125-250 (6×5")   | NM4-105              | 2950 | 86  | 64  |
|      |                                      |                         | NM4-108              | 2950 | 94  | 70  |
|      |                                      |                         | NM4-108B             | 2950 | 121 | 90  |
|      |                                      |                         | NM6-110B             | 2950 | 153 | 114 |
|      | UL (121-192 psi)<br>FM (138-187 psi) | SCF150-125-310 (6×5")   | NM6-110E             | 2900 | 192 | 143 |
|      |                                      |                         | NM6-110B             | 2950 | 153 | 114 |
|      |                                      |                         | NM6-110E             | 2900 | 192 | 143 |
|      | UL (192-265 psi)<br>FM (189-257 psi) | SCF150-125-400 (6×5")   | NM6-110E             | 2900 | 192 | 143 |
|      |                                      |                         | NM6-110D             | 2900 | 268 | 200 |
|      |                                      |                         | NM6-108E             | 2950 | 335 | 250 |
|      | UL (220-270 psi)<br>FM (217-265 psi) | SCF125-80-350 (5×3")    | NM6-110D             | 2900 | 268 | 200 |
|      |                                      |                         | NM6-108E             | 2950 | 335 | 250 |
|      | UL (253-354 psi)<br>FM (253-354 psi) | SCF200-150-450×2 (8×6") | NM6-114B             | 1760 | 280 | 209 |
|      |                                      |                         | NM6-135B             | 1760 | 338 | 252 |
|      |                                      |                         | NM6-135              | 1760 | 375 | 280 |
|      |                                      |                         | NM6-128B             | 1760 | 396 | 295 |
| 1250 | UL (70-131 psi)<br>FM (70-131 psi)   | SCF200-150-375 (8×6")   | NM6-127              | 1760 | 469 | 350 |
|      |                                      |                         | NM6-108E             | 2950 | 335 | 250 |
|      | UL (83-149 psi)<br>FM (83-149 psi)   | SCF200-150-250 (8×6")   | NM6-105B             | 1760 | 204 | 152 |
|      |                                      |                         | NM6-114B             | 1760 | 280 | 209 |
|      |                                      |                         | NM4-105              | 2950 | 86  | 64  |
|      |                                      |                         | NM4-108              | 2950 | 94  | 70  |
|      |                                      |                         | NM4-108B             | 2950 | 121 | 90  |
|      |                                      |                         | NM6-110B             | 2950 | 153 | 114 |
|      |                                      |                         | NM6-110E             | 2900 | 192 | 143 |

| GPM  | PRESSURE RANGE                       | PUMP MODEL              | DIESEL ENGINE DRIVER |      |     |     |
|------|--------------------------------------|-------------------------|----------------------|------|-----|-----|
|      |                                      |                         | MODEL (UL& FM)       | RPM  | HP  | kW  |
| 1250 | UL (106-188 psi)<br>FM (106-187 psi) | SCF200-150-375 (8×6")   | NM6-105B             | 2100 | 208 | 155 |
|      |                                      |                         | NM6-114C             | 2100 | 248 | 185 |
|      |                                      |                         | NM6-114B             | 2100 | 305 | 227 |
|      |                                      |                         | NM6-128B             | 2100 | 412 | 307 |
|      | UL (112-230 psi)<br>FM (112-232 psi) | SCF200-150-310 (8×6")   | NM6-110E             | 2900 | 192 | 143 |
|      |                                      |                         | NM6-110D             | 2900 | 268 | 200 |
|      |                                      |                         | NM6-108E             | 2950 | 335 | 250 |
|      | UL (113-192 psi)<br>FM (114-193 psi) | SCF200-150-600 (8×6")   | NM6-105B             | 1470 | 188 | 140 |
|      |                                      |                         | NM6-114C             | 1470 | 194 | 145 |
|      |                                      |                         | NM6-114B             | 1470 | 244 | 182 |
|      |                                      |                         | NM6-135              | 1470 | 340 | 254 |
|      |                                      |                         | NM6-128B             | 1470 | 346 | 258 |
|      |                                      |                         | NM6-127              | 1470 | 436 | 325 |
|      |                                      |                         | NM6-159              | 1470 | 577 | 430 |
|      | UL (236-342 psi)<br>FM (236-342 psi) | SCF200-150-450×2 (8×6") | NM6-114B             | 1760 | 280 | 209 |
|      |                                      |                         | NM6-135B             | 1760 | 338 | 252 |
|      |                                      |                         | NM6-135              | 1760 | 375 | 280 |
|      |                                      |                         | NM6-128B             | 1760 | 396 | 295 |
|      | UL (241-346 psi)<br>FM (240-345 psi) | SCF200-150-420 (8×6")   | NM6-127              | 1760 | 469 | 350 |
|      |                                      |                         | NM6-110D             | 2900 | 268 | 200 |
|      |                                      |                         | NM6-108E             | 2950 | 335 | 250 |
| 1500 | UL (69-97 psi)<br>FM (69-96 psi)     | SCF200-150-350 (8×6")   | NM6-105B             | 1760 | 204 | 152 |
|      |                                      |                         | NM6-114C             | 1760 | 221 | 165 |
|      | UL (88-128 psi)<br>FM (88-128 psi)   | SCF200-150-375 (8×6")   | NM6-105B             | 1760 | 204 | 152 |
|      |                                      |                         | NM6-114B             | 1760 | 280 | 209 |
|      | UL (91-140 psi)<br>FM (91-139 psi)   | SCF200-150-250G (8×6")  | NM4-108B             | 2950 | 121 | 90  |
|      |                                      |                         | NM6-110B             | 2950 | 153 | 114 |
|      | UL (100-187 psi)<br>FM (100-186 psi) | SCF200-150-375 (8×6")   | NM6-105B             | 2100 | 208 | 155 |
|      |                                      |                         | NM6-114C             | 2100 | 248 | 185 |
|      |                                      |                         | NM6-114B             | 2100 | 305 | 227 |
|      |                                      |                         | NM6-128B             | 2100 | 412 | 307 |
|      | UL (109-221 psi)<br>FM (123-222 psi) | SCF200-150-310 (8×6")   | NM6-110B             | 2950 | 153 | 114 |
|      |                                      |                         | NM6-110E             | 2900 | 192 | 143 |
|      |                                      |                         | NM6-110D             | 2900 | 268 | 200 |
|      |                                      |                         | NM6-108E             | 2950 | 335 | 250 |
|      | UL (110-191 psi)<br>FM (111-191 psi) | SCF200-150-600 (8×6")   | NM6-105B             | 1470 | 188 | 140 |
|      |                                      |                         | NM6-114C             | 1470 | 194 | 145 |
|      |                                      |                         | NM6-114B             | 1470 | 244 | 182 |
|      |                                      |                         | NM6-135              | 1470 | 340 | 254 |
|      |                                      |                         | NM6-127              | 1470 | 436 | 325 |
|      | UL (120-171 psi)<br>FM (122-171 psi) | SCF200-150-480 (8×6")   | NM6-159              | 1470 | 577 | 430 |
|      |                                      |                         | NM6-105B             | 1760 | 204 | 152 |
|      |                                      |                         | NM6-114C             | 1760 | 221 | 165 |
|      |                                      |                         | NM6-114B             | 1760 | 280 | 209 |
|      |                                      |                         | NM6-135B             | 1760 | 338 | 252 |
|      | UL (124-220 psi)<br>FM (125-222 psi) | SCF200-150-640 (8×6")   | NM6-135              | 1760 | 375 | 280 |
|      |                                      |                         | NM6-127              | 1470 | 436 | 325 |
|      |                                      |                         | NM6-159              | 1470 | 577 | 430 |
|      | UL (245-305 psi)<br>FM (244-304 psi) | SCF200-150-420G (8×6")  | NM6-159B             | 1470 | 680 | 507 |
|      |                                      |                         | NM6-108E             | 2950 | 335 | 250 |
| 2000 | UL/FM (324 psi)                      | SCF200-150-450×2 (8×6") | NM6-128B             | 1760 | 396 | 295 |
|      |                                      |                         | NM6-127              | 1760 | 469 | 350 |
|      | UL (64-104 psi)<br>FM (64-104 psi)   | SCF200-150-400G (8×6")  | NM6-105B             | 1760 | 204 | 152 |
|      |                                      |                         | NM6-114C             | 1760 | 221 | 165 |
|      | UL (94-115 psi)<br>FM (95-116 psi)   | SCF200-150-400 (8×6")   | NM6-105B             | 1760 | 204 | 152 |
|      |                                      |                         | NM6-114C             | 1760 | 221 | 165 |
|      | UL (101-185 psi)<br>FM (102-186 psi) | SCF200-150-600 (8×6")   | NM6-105B             | 1470 | 188 | 145 |
|      |                                      |                         | NM6-114B             | 1470 | 244 | 182 |
|      |                                      |                         | NM6-135              | 1470 | 340 | 254 |
|      |                                      |                         | NM6-127              | 1470 | 436 | 325 |
|      |                                      |                         | NM6-159              | 1470 | 577 | 430 |
|      | UL (109-165 psi)<br>FM (114-166 psi) | SCF200-150-480 (8×6")   | NM6-105B             | 1760 | 204 | 152 |
|      |                                      |                         | NM6-114C             | 1760 | 221 | 165 |

| GPM         | PRESSURE RANGE                       | PUMP MODEL              | DIESEL ENGINE DRIVER |      |      |     |
|-------------|--------------------------------------|-------------------------|----------------------|------|------|-----|
|             |                                      |                         | MODEL (UL& FM)       | RPM  | HP   | kW  |
| <b>2000</b> | UL (109-165 psi)<br>FM (114-166 psi) | SCF200-150-480 (8×6")   | NM6-114B             | 1760 | 280  | 209 |
|             |                                      |                         | NM6-135B             | 1760 | 338  | 252 |
|             |                                      |                         | NM6-127              | 1760 | 469  | 350 |
|             | UL (107-190 psi)<br>FM (107-177 psi) | SCF200-150-330 (8×6")   | NM6-110E             | 2900 | 192  | 143 |
|             |                                      |                         | NM6-110D             | 2900 | 268  | 200 |
|             |                                      |                         | NM6-108E             | 2950 | 335  | 250 |
|             | UL (111-174 psi)<br>FM (111-175 psi) | SCF200-150-400 (8×6")   | NM6-105B             | 2100 | 208  | 155 |
|             |                                      |                         | NM6-114C             | 2100 | 248  | 185 |
|             |                                      |                         | NM6-114B             | 2100 | 305  | 227 |
|             |                                      |                         | NM6-128B             | 2100 | 412  | 307 |
|             |                                      |                         | NM6-127B             | 2100 | 536  | 400 |
|             | UL (117-216 psi)<br>FM (119-218 psi) | SCF200-150-640 (8×6")   | NM6-127              | 1470 | 436  | 325 |
|             |                                      |                         | NM6-159              | 1470 | 577  | 430 |
|             |                                      |                         | NM6-159B             | 1470 | 680  | 507 |
|             | UL (122-188 psi)<br>FM (122-188 psi) | SCF200-150-480GL (8×6") | NM6-135              | 1760 | 375  | 280 |
|             |                                      |                         | NM6-128B             | 1760 | 396  | 295 |
|             |                                      |                         | NM6-127              | 1760 | 469  | 350 |
|             | UL (149-234 psi)<br>FM (152-240 psi) | SCF250-200-500S (10×8") | NM6-128B             | 2000 | 406  | 303 |
|             |                                      |                         | NM6-127B             | 2100 | 536  | 400 |
| <b>2500</b> | UL (96psi)<br>FM (96psi)             | SCF200-150-400G (8×6")  | NM6-105B             | 1760 | 204  | 152 |
|             |                                      |                         | NM6-114C             | 1760 | 221  | 165 |
|             | UL (111-181 psi)<br>FM (111-180 psi) | SCF200-150-480GL (8×6") | NM6-114C             | 1760 | 221  | 165 |
|             |                                      |                         | NM6-114B             | 1760 | 280  | 209 |
|             |                                      |                         | NM6-135B             | 1760 | 338  | 252 |
|             |                                      |                         | NM6-135              | 1760 | 375  | 280 |
|             |                                      |                         | NM6-128B             | 1760 | 396  | 295 |
|             |                                      |                         | NM6-127              | 1760 | 469  | 350 |
|             | UL (141-225 psi)<br>FM (144-232 psi) | SCF250-200-500S (10×8") | NM6-128B             | 2000 | 406  | 303 |
|             |                                      |                         | NM6-127B             | 2100 | 536  | 400 |
| <b>3000</b> | UL (115-147psi)<br>FM (119-148psi)   | SCF250-200-450 (10×8")  | NM6-114B             | 1760 | 280  | 209 |
|             |                                      |                         | NM6-135B             | 1760 | 338  | 252 |
|             |                                      |                         | NM6-135              | 1760 | 375  | 280 |
|             |                                      |                         | NM6-127              | 1760 | 469  | 350 |
|             | UL (114-188psi)<br>FM (114-188psi)   | SCF250-200-600 (10×8")  | NM6-135              | 1470 | 340  | 254 |
|             |                                      |                         | NM6-127              | 1470 | 436  | 325 |
|             |                                      |                         | NM6-159              | 1470 | 577  | 430 |
|             |                                      |                         | NM6-150              | 1470 | 719  | 536 |
|             |                                      |                         | NM6-135              | 1760 | 375  | 280 |
|             | UL (121-179psi)<br>FM (120-179psi)   | SCF250-200-500 (10×8")  | NM6-128B             | 1760 | 396  | 295 |
|             |                                      |                         | NM6-127              | 1760 | 469  | 350 |
|             |                                      |                         | NM6-159              | 1760 | 673  | 502 |
|             | UL (158-197psi)<br>FM (159-198psi)   | SCF250-200-450 (10×8")  | NM6-128B             | 2000 | 406  | 303 |
|             |                                      |                         | NM8-128              | 2000 | 492  | 367 |
|             |                                      |                         | NM10-128             | 2000 | 611  | 456 |
|             | UL (162-238psi)<br>FM (161-239psi)   | SCF250-200-500 (10×8")  | NM10-128             | 2000 | 611  | 456 |
|             |                                      |                         | NM12-128             | 2000 | 754  | 562 |
|             | UL (162-194psi)<br>FM (166-200psi)   | SCF200-150-640 (8×6")   | NM6-127              | 1470 | 436  | 325 |
|             |                                      |                         | NM6-159              | 1470 | 577  | 430 |
|             |                                      |                         | NM6-150              | 1470 | 719  | 536 |
|             | UL (166-246psi)<br>FM (169-246psi)   | SCF250-200-600 (10×8")  | NM6-150B             | 1760 | 858  | 640 |
|             |                                      |                         | NM12-150             | 1760 | 1100 | 821 |
|             | UL (176-249psi)<br>FM (176-243psi)   | SCF300-250-640 (12×10") | NM6-150              | 1470 | 719  | 536 |
|             |                                      |                         | NM6-150B             | 1470 | 780  | 582 |
|             |                                      |                         | NM12-150             | 1470 | 980  | 731 |
| <b>3500</b> | UL (107-184psi)<br>FM (107-184psi)   | SCF250-200-600 (10×8")  | NM6-135              | 1470 | 340  | 254 |
|             |                                      |                         | NM6-127              | 1470 | 436  | 325 |
|             |                                      |                         | NM6-159              | 1470 | 577  | 430 |
|             |                                      |                         | NM6-150              | 1470 | 719  | 536 |
|             | UL (136-170psi)<br>FM (135-170psi)   | SCF250-200-500 (10×8")  | NM6-135              | 1760 | 375  | 280 |
|             |                                      |                         | NM6-128B             | 1760 | 396  | 295 |
|             |                                      |                         | NM6-127              | 1760 | 469  | 350 |
|             |                                      |                         | NM6-127B             | 1760 | 512  | 382 |

| GPM      | PRESSURE RANGE                       | PUMP MODEL               | DIESEL ENGINE DRIVER |      |      |     |
|----------|--------------------------------------|--------------------------|----------------------|------|------|-----|
|          |                                      |                          | MODEL (UL& FM)       | RPM  | HP   | kW  |
| 3500     | UL (154-229psi)<br>FM (153-230psi)   | SCF250-200-500 (10×8")   | NM8-128              | 2000 | 492  | 367 |
|          |                                      |                          | NM10-128             | 2000 | 611  | 456 |
|          |                                      |                          | NM12-128             | 2000 | 754  | 562 |
|          | UL (160-241psi)<br>FM (163-242psi)   | SCF250-200-600 (10×8")   | NM6-150B             | 1760 | 858  | 640 |
|          |                                      |                          | NM12-150             | 1760 | 1100 | 821 |
|          | UL (169-242psi)<br>FM (169-242psi)   | SCF300-250-640 (12×10")  | NM6-150              | 1470 | 719  | 536 |
| NM6-150B |                                      |                          | 1470                 | 782  | 582  |     |
| NM12-150 |                                      |                          | 1470                 | 980  | 731  |     |
| 4000     | UL (114-148 psi)<br>FM (115-147 psi) | SCF300-250-500 (12×10")  | NM6-127              | 1470 | 436  | 325 |
|          |                                      |                          | NM6-159              | 1470 | 577  | 430 |
|          |                                      |                          | NM6-150              | 1470 | 719  | 536 |
|          | UL (142-176 psi)<br>FM (142-176 psi) | SCF250-200-600 (10×8")   | NM6-159              | 1470 | 577  | 430 |
|          |                                      |                          | NM6-150              | 1470 | 719  | 536 |
|          | UL (152-234 psi)<br>FM (156-236 psi) | SCF250-200-600 (10×8")   | NM6-159              | 1760 | 673  | 502 |
|          |                                      |                          | NM6-150              | 1760 | 771  | 575 |
|          |                                      |                          | NM6-150B             | 1760 | 858  | 640 |
|          | UL (162-233psi)<br>FM (137-216psi)   | SCF300-250-640 (12×10")  | NM12-150             | 1760 | 1100 | 821 |
|          |                                      |                          | NM6-150              | 1470 | 719  | 536 |
|          |                                      |                          | NM6-150B             | 1470 | 782  | 582 |
|          | UL (203-246 psi)<br>FM (203-245 psi) | SCF300-250-600L (12×10") | NM12-150             | 1470 | 980  | 731 |
| NM12-150 |                                      |                          | 1760                 | 1100 | 821  |     |
| NM12-159 |                                      |                          | 1760                 | 1207 | 900  |     |
| 4500     | UL (109-145 psi)<br>FM (111-144 psi) | SCF300-250-500 (12×10")  | NM6-127              | 1470 | 436  | 325 |
|          |                                      |                          | NM6-159              | 1470 | 577  | 430 |
|          |                                      |                          | NM6-150              | 1470 | 719  | 536 |
|          | UL (121-222psi)<br>FM (118-220psi)   | SCF300-250-500 (12×10")  | NM6-127              | 1760 | 469  | 350 |
|          |                                      |                          | NM6-127B             | 1760 | 512  | 382 |
|          |                                      |                          | NM6-159              | 1760 | 673  | 502 |
|          | UL (143-207psi)<br>FM (143-207psi)   | SCF300-250-600 (12×10")  | NM6-150              | 1760 | 771  | 575 |
|          |                                      |                          | NM6-159              | 1470 | 577  | 430 |
|          |                                      |                          | NM6-150              | 1470 | 719  | 536 |
|          | UL (175-226 psi)<br>FM (177-228 psi) | SCF250-200-600 (10×8")   | NM6-150B             | 1470 | 780  | 582 |
|          |                                      |                          | NM12-150             | 1470 | 980  | 731 |
|          |                                      |                          | NM12-159             | 1540 | 1036 | 772 |
|          | UL (200-244 psi)<br>FM (200-243 psi) | SCF300-250-600L (12×10") | NM6-159              | 1760 | 673  | 502 |
|          |                                      |                          | NM6-150              | 1760 | 771  | 575 |
|          |                                      |                          | NM6-150B             | 1760 | 858  | 640 |
|          | UL (184-284 psi)<br>FM (184-283 psi) | SCF300-250-640G (12×10") | NM12-150             | 1760 | 1100 | 821 |
|          |                                      |                          | NM12-159             | 1760 | 1207 | 900 |
|          |                                      |                          | NM12-150             | 1470 | 980  | 731 |
| 5000     | UL (134-214 psi)<br>FM (131-213 psi) | SCF350-250-640 (14×10")  | NM12-159             | 1540 | 1036 | 772 |
|          |                                      |                          | NM6-159B             | 1470 | 680  | 507 |
|          | UL (134-218 psi)<br>FM (132-217 psi) | SCF300-250-500 (12×10")  | NM6-159              | 1760 | 673  | 502 |
|          |                                      |                          | NM6-150              | 1760 | 771  | 575 |
|          |                                      |                          | NM6-150B             | 1760 | 858  | 640 |
|          | UL (139-206 psi)<br>FM (139-206 psi) | SCF300-250-600 (12×10")  | NM12-150             | 1760 | 1100 | 821 |
|          |                                      |                          | NM6-159              | 1470 | 577  | 430 |
|          |                                      |                          | NM6-150              | 1470 | 719  | 536 |
|          | UL (197-240 psi)<br>FM (197-241 psi) | SCF300-250-600L (12×10") | NM6-150B             | 1470 | 780  | 582 |
|          |                                      |                          | NM12-150             | 1470 | 980  | 731 |
|          |                                      |                          | NM12-159             | 1540 | 1036 | 772 |
|          | UL (211-277 psi)<br>FM (211-277 psi) | SCF300-250-640G (12×10") | NM12-150             | 1760 | 1100 | 821 |
| NM12-159 |                                      |                          | 1760                 | 1207 | 900  |     |
| NM12-150 |                                      |                          | 1470                 | 980  | 731  |     |
| 5500     | UL (192-237 psi)<br>FM (192-237 psi) | SCF300-250-600L (12×10") | NM12-159             | 1540 | 1036 | 772 |
|          |                                      |                          | NM6-150B             | 1760 | 858  | 640 |
|          |                                      |                          | NM12-150             | 1760 | 1100 | 821 |

| GPM      | PRESSURE RANGE                        | PUMP MODEL               | DIESEL ENGINE DRIVER |      |      |     |
|----------|---------------------------------------|--------------------------|----------------------|------|------|-----|
|          |                                       |                          | MODEL (UL& FM)       | RPM  | HP   | kW  |
| 6000     | UL (127-209psi)<br>FM (124-207psi)    | SCF350-250-640 (14×10")  | NM6-150              | 1470 | 719  | 536 |
|          |                                       |                          | NM6-150B             | 1470 | 780  | 582 |
|          |                                       |                          | NM12-150             | 1470 | 980  | 731 |
|          |                                       |                          | NM12-159             | 1540 | 1036 | 772 |
|          | UL (186-232psi)<br>FM (187-233psi)    | SCF300-250-600L (12×10") | NM6-150B             | 1760 | 858  | 640 |
|          |                                       |                          | NM12-150             | 1760 | 1100 | 821 |
| NM12-159 |                                       |                          | 1760                 | 1207 | 900  |     |
| 6500     | UL ( 116-186 psi)<br>FM (116-185 psi) | SCF400-350-640 (16×14")  | NM6-150              | 1470 | 719  | 536 |
|          |                                       |                          | NM6-150B             | 1470 | 780  | 582 |
|          |                                       |                          | NM12-150             | 1470 | 980  | 731 |
|          |                                       |                          | NM12-159             | 1540 | 1036 | 772 |
|          | UL (216-276psi)<br>FM (215-235psi)    | SCF350-250-640 (14×10")  | NM12-159             | 1760 | 1207 | 900 |
|          |                                       |                          |                      |      |      |     |
| 7000     | UL (113-182psi)<br>FM (112-181psi)    | SCF400-350-640 (16×14")  | NM6-150              | 1470 | 719  | 536 |
|          |                                       |                          | NM6-150B             | 1470 | 780  | 582 |
|          |                                       |                          | NM12-150             | 1470 | 980  | 731 |
|          |                                       |                          | NM12-159             | 1540 | 1036 | 772 |
|          | UL (211-271psi)<br>FM (210-230psi)    | SCF350-250-640 (14×10")  | NM12-159             | 1760 | 1207 | 900 |
|          |                                       |                          |                      |      |      |     |
| 7500     | UL (109-179psi)                       | SCF400-350-640 (16×14")  | NM6-150              | 1470 | 719  | 536 |
|          |                                       |                          | NM6-150B             | 1470 | 780  | 582 |
|          |                                       |                          | NM12-150             | 1470 | 980  | 731 |
|          |                                       |                          | NM12-159             | 1540 | 1036 | 772 |
|          | UL (205-267 psi)<br>FM (205-224 psi)  | SCF350-250-640 (14×10")  | NM12-159             | 1760 | 1207 | 900 |
|          |                                       |                          |                      |      |      |     |
| 8000     | UL (117-192psi)                       | SCF400-350-640 (16×14")  | NM6-150              | 1470 | 719  | 536 |
|          |                                       |                          | NM6-150B             | 1470 | 780  | 582 |
|          |                                       |                          | NM12-150             | 1470 | 980  | 731 |
|          |                                       |                          | NM12-159             | 1540 | 1036 | 772 |



## Split Casing Type Motor Pumps

유량 : 300 - 8000 GPM

양정 : 40 - 616 PSI

RPM : 1480 - 3550 RPM

### 50Hz

| GPM                                | PRESSURE RANGE                     | PUMP MODEL                     | MOTOR DRIVER         |                                    |                      |
|------------------------------------|------------------------------------|--------------------------------|----------------------|------------------------------------|----------------------|
|                                    |                                    |                                | RPM                  | HP                                 | kW                   |
| 300                                | UL (54-81psi)<br>FM (53-80psi)     | SCF125-80-200 (5×3")           | 2980                 | 30                                 | 22                   |
|                                    |                                    |                                |                      | 40                                 | 30                   |
|                                    | UL (83-136psi)<br>FM (83-136psi)   | SCF125-80-250 (5×3")           | 2980                 | 40                                 | 30                   |
|                                    |                                    |                                |                      | UL (87-152psi)<br>FM (87-153psi)   | SCF100-80-250 (4×3") |
|                                    | 50                                 | 37                             |                      |                                    |                      |
|                                    | 60                                 | 45                             |                      |                                    |                      |
|                                    | UL (123-195psi)<br>FM (123-195psi) | SCF125-100-300 (5×4")          | 2980                 | 100                                | 75                   |
|                                    |                                    |                                |                      | 125                                | 92.5                 |
| 400                                | UL (53-79psi)<br>FM (52-79psi)     | SCF125-80-200 (5×3")           | 2980                 | 30                                 | 22                   |
|                                    |                                    |                                |                      | 40                                 | 30                   |
|                                    | UL (84-150psi)<br>FM (83-149psi)   | SCF100-80-250 (4×3")           | 2980                 | 40                                 | 30                   |
|                                    |                                    |                                |                      | 50                                 | 37                   |
|                                    |                                    |                                |                      | 60                                 | 45                   |
|                                    | UL (120-189psi)<br>FM (120-189psi) | SCF125-100-300 (5×4")          | 2980                 | 100                                | 75                   |
|                                    |                                    |                                |                      | 125                                | 92.5                 |
|                                    | 450                                | UL (52-78psi)<br>FM (51-78psi) | SCF125-80-200 (5×3") | 2980                               | 30                   |
| 40                                 |                                    |                                |                      |                                    | 30                   |
| UL (82-147psi)<br>FM (80-146psi)   |                                    | SCF100-80-250 (4×3")           | 2980                 | 40                                 | 30                   |
|                                    |                                    |                                |                      | 50                                 | 37                   |
|                                    |                                    |                                |                      | 60                                 | 45                   |
| UL (119-187psi)<br>FM (119-187psi) |                                    | SCF125-100-300 (5×4")          | 2980                 | 100                                | 75                   |
|                                    |                                    |                                |                      | 125                                | 92.5                 |
| 500                                |                                    | UL (51-77psi)<br>FM (50-77psi) | SCF125-80-200 (5×3") | 2980                               | 30                   |
|                                    | 40                                 |                                |                      |                                    | 30                   |
|                                    | UL (79-144psi)<br>FM (78-142psi)   | SCF100-80-250 (4×3")           | 2980                 | 40                                 | 30                   |
|                                    |                                    |                                |                      | 50                                 | 37                   |
|                                    |                                    |                                |                      | 60                                 | 45                   |
|                                    | UL (117-184psi)<br>FM (117-184psi) | SCF125-100-300 (5×4")          | 2980                 | 100                                | 75                   |
|                                    |                                    |                                |                      | UL (184-295psi)<br>FM (180-291psi) | SCF125-80-350 (5×3") |
|                                    | 125                                | 92.5                           |                      |                                    |                      |
|                                    | 150                                | 110                            |                      |                                    |                      |
|                                    | 200                                | 150                            |                      |                                    |                      |
| 250                                | 185                                |                                |                      |                                    |                      |
| UL (323-405psi)<br>FM (324-408psi) | SCF125-100-330×2 (5×4")            | 2950                           | 200                  | 150                                |                      |
|                                    |                                    |                                | 250                  | 185                                |                      |
| 750                                | UL (68psi)<br>FM (67psi)           | SCF125-80-200 (5×3")           | 2980                 | 40                                 | 30                   |
|                                    | UL (108-120psi)<br>FM (106-118psi) | SCF125-80-250 (5×3")           | 2950                 | 60                                 | 45                   |
|                                    |                                    |                                |                      | 75                                 | 55                   |

| GPM  | PRESSURE RANGE                     | PUMP MODEL              | MOTOR DRIVER           |     |      |
|------|------------------------------------|-------------------------|------------------------|-----|------|
|      |                                    |                         | RPM                    | HP  | kW   |
| 750  | UL (104-163psi)<br>FM (104-163psi) | SCF125-100-300 (5×4")   | 2980                   | 75  | 55   |
|      |                                    |                         |                        | 100 | 75   |
|      | UL (167-286psi)<br>FM (164-283psi) | SCF125-80-350 (5×3")    | 2950                   | 100 | 75   |
|      |                                    |                         |                        | 125 | 92.5 |
|      |                                    |                         |                        | 150 | 110  |
|      |                                    |                         |                        | 200 | 150  |
|      |                                    |                         |                        | 250 | 185  |
|      | UL (280-368psi)<br>FM (282-373psi) | SCF125-100-330×2 (5×4") | 2950                   | 200 | 150  |
|      |                                    |                         |                        | 250 | 185  |
| 1000 | UL (103-151psi)<br>FM (99-148psi)  | SCF150-125-250 (6×5")   | 2980 (UL)<br>2950 (FM) | 75  | 55   |
|      |                                    |                         |                        | 100 | 75   |
|      |                                    |                         |                        | 125 | 92.5 |
|      | UL (121-192psi)<br>FM (138-187psi) | SCF150-125-310 (6×5")   | 2980 (UL)<br>2950 (FM) | 125 | 92.5 |
|      |                                    |                         |                        | 150 | 110  |
|      | UL (192-265psi)<br>FM (189-257psi) | SCF150-125-400 (6×5")   | 2980 (UL)<br>2950 (FM) | 150 | 110  |
|      |                                    |                         |                        | 200 | 150  |
|      | UL (220-270psi)<br>FM (217-265psi) | SCF125-80-350 (5×3")    | 2950                   | 200 | 150  |
|      |                                    |                         |                        | 250 | 185  |
|      |                                    |                         |                        | 250 | 185  |
|      | UL (260-359psi)<br>FM (259-358psi) | SCF200-150-420 (8×6")   | 2950                   | 300 | 220  |
|      |                                    |                         |                        | 350 | 260  |
|      |                                    |                         |                        | 400 | 300  |
|      |                                    |                         |                        | 400 | 300  |
| 1250 | UL (83-149psi)<br>FM (83-149psi)   | SCF200-150-250 (8×6")   | 2950                   | 75  | 55   |
|      |                                    |                         |                        | 100 | 75   |
|      |                                    |                         |                        | 125 | 92.5 |
|      |                                    |                         |                        | 150 | 110  |
|      | UL (113-192psi)<br>FM (114-193psi) | SCF200-150-600 (8×6")   | 1480                   | 200 | 150  |
|      |                                    |                         |                        | 250 | 185  |
|      |                                    |                         |                        | 300 | 220  |
|      |                                    |                         |                        | 350 | 260  |
|      | UL (112-230psi)<br>FM (112-232psi) | SCF200-150-310 (8×6")   | 2980                   | 200 | 150  |
|      |                                    |                         |                        | 250 | 185  |
|      |                                    |                         |                        | 300 | 220  |
|      |                                    |                         |                        | 300 | 220  |
|      | UL (241-346psi)<br>FM (240-345psi) | SCF200-150-420 (8×6")   | 2950                   | 250 | 185  |
|      |                                    |                         |                        | 300 | 220  |
|      |                                    |                         |                        | 350 | 260  |
|      |                                    |                         |                        | 400 | 300  |
| 1500 | UL (91-140psi)<br>FM (91-139psi)   | SCF200-150-250G (8×6")  | 2950                   | 100 | 75   |
|      |                                    |                         |                        | 125 | 92.5 |
|      | UL (110-191psi)<br>FM (111-191psi) | SCF200-150-600 (8×6")   | 1480                   | 150 | 110  |
|      |                                    |                         |                        | 200 | 150  |
|      |                                    |                         |                        | 250 | 185  |
|      |                                    |                         |                        | 300 | 220  |
|      |                                    |                         |                        | 350 | 260  |
|      | UL (109-221psi)<br>FM (123-222psi) | SCF200-150-310 (8×6")   | 2980                   | 125 | 92.5 |
|      |                                    |                         |                        | 150 | 110  |
|      |                                    |                         |                        | 200 | 150  |
|      |                                    |                         |                        | 250 | 185  |
|      |                                    |                         |                        | 300 | 220  |
|      | UL (124-220psi)<br>FM (125-222psi) | SCF200-150-640 (8×6")   | 1480                   | 400 | 300  |
|      |                                    |                         |                        | 450 | 335  |
|      |                                    |                         |                        | 450 | 335  |
|      | UL (245-305psi)<br>FM (244-304psi) | SCF200-150-420G (8×6")  | 2950                   | 300 | 220  |
|      |                                    |                         |                        | 350 | 260  |

\* PYRO ENGINEERING에 문의

| GPM  | PRESSURE RANGE                     | PUMP MODEL              | MOTOR DRIVER |     |     |
|------|------------------------------------|-------------------------|--------------|-----|-----|
|      |                                    |                         | RPM          | HP  | kW  |
| 2000 | UL (101-185psi)<br>FM (102-186psi) | SCF200-150-600 (8×6")   | 1480         | 200 | 150 |
|      |                                    |                         |              | 250 | 185 |
|      |                                    |                         |              | 300 | 220 |
|      |                                    |                         |              | 350 | 260 |
|      | UL (117-216psi)<br>FM (119-218psi) | SCF200-150-640 (8×6")   | 1480         | 400 | 300 |
|      |                                    |                         |              | 450 | 335 |
|      | UL (107-190psi)<br>FM (107-177psi) | SCF200-150-330 (8×6")   | 2950         | 200 | 150 |
|      |                                    |                         |              | 250 | 185 |
|      |                                    |                         |              | 300 | 220 |
| 2500 | UL (107-206psi)<br>FM (111-211psi) | SCF200-150-640 (8×6")   | 1480         | 400 | 300 |
|      |                                    |                         |              | 450 | 335 |
|      | UL (126-175psi)<br>FM (128-176psi) | SCF200-150-600 (8×6")   | 1480         | 250 | 185 |
|      |                                    |                         |              | 300 | 220 |
|      |                                    |                         |              | 350 | 260 |
|      | UL (114-227psi)<br>FM (115-227psi) | SCF250-200-350 (10×8")  | 2980         | 250 | 185 |
|      |                                    |                         |              | 300 | 220 |
|      |                                    |                         |              | 350 | 260 |
|      |                                    |                         |              | 400 | 300 |
| 3000 | UL (114-188psi)<br>FM (114-188psi) | SCF250-200-600 (10×8")  | 1480         | 450 | 335 |
|      |                                    |                         |              | 300 | 220 |
|      |                                    |                         |              | 350 | 260 |
|      | UL (162-194psi)<br>FM (166-200psi) | SCF200-150-640 (8×6")   | 1480         | 400 | 300 |
|      |                                    |                         |              | 450 | 335 |
|      |                                    |                         |              | 300 | 220 |
| 3500 | UL (107-184psi)<br>FM (107-184psi) | SCF250-200-600 (10×8")  | 1480         | 350 | 260 |
|      |                                    |                         |              | 400 | 300 |
|      |                                    |                         |              | 450 | 335 |
|      |                                    |                         |              | 500 | 373 |
|      |                                    |                         |              | 350 | 260 |
| 4000 | UL (114-148psi)<br>FM (115-147psi) | SCF300-250-500 (12×10") | 1480         | 400 | 300 |
|      |                                    |                         |              | 450 | 335 |
|      |                                    |                         |              | 350 | 260 |
|      | UL (142-176psi)<br>FM (142-176psi) | SCF250-200-600 (10×8")  | 1480         | 400 | 300 |
|      |                                    |                         |              | 450 | 335 |
|      |                                    |                         |              | 500 | 373 |
| 4500 | UL (109-145psi)<br>FM (111-144psi) | SCF300-250-500 (12×10") | 1480         | 350 | 260 |
|      |                                    |                         |              | 400 | 300 |
|      |                                    |                         |              | 450 | 335 |
|      | UL (143-207psi)<br>FM (111-144psi) | SCF300-250-500 (12×10") | 1450         | 500 | 373 |
| 5000 | UL (139-206psi)<br>FM (139-206psi) | SCF300-250-600 (12×10") | 1450         | 500 | 373 |
| 5500 | UL (205-278psi)                    | SCF400-300-750 (16×12") | 1480         | *   | *   |
| 6000 | UL (127-209psi)<br>FM (124-207psi) | SCF350-250-640 (14×10") | 1480         | *   | *   |
|      | UL (204-277psi)                    | SCF400-300-750 (16×12") | 1480         | *   | *   |
| 6500 | UL (116-186psi)<br>FM (116-185psi) | SCF400-350-640 (16×14") | 1480         | *   | *   |
|      | UL (205psi)<br>FM (203psi)         | SCF350-250-640 (14×10") | 1480         | *   | *   |
|      | UL (203-276psi)                    | SCF400-300-750 (16×12") | 1480         | *   | *   |
| 7000 | UL (113-182psi)<br>FM (112-181psi) | SCF400-350-640 (16×14") | 1480         | *   | *   |
|      | UL (201psi)<br>FM (200psi)         | SCF350-250-640 (14×10") | 1480         | *   | *   |
|      | UL (200-274psi)                    | SCF400-300-750 (16×12") | 1480         | *   | *   |

\* PYRO ENGINEERING에 문의

| GPM  | PRESSURE RANGE             | PUMP MODEL              | MOTOR DRIVER |    |    |
|------|----------------------------|-------------------------|--------------|----|----|
|      |                            |                         | RPM          | HP | kW |
| 7500 | UL (109-179psi)            | SCF400-350-640 (16×14") | 1480         | *  | *  |
|      | UL (195psi)<br>FM (193psi) | SCF350-250-640 (14×10") | 1480         | *  | *  |
|      | UL (197-272psi)            | SCF400-300-750 (16×12") | 1480         | *  | *  |
| 8000 | UL (117-192psi)            | SCF400-350-640 (16×14") | 1540         | *  | *  |
|      | UL (223-269psi)            | SCF400-300-750 (16×12") | 1480         | *  | *  |

60Hz

| GPM | PRESSURE RANGE                     | PUMP MODEL              | MOTOR DRIVER |     |     |
|-----|------------------------------------|-------------------------|--------------|-----|-----|
|     |                                    |                         | RPM          | HP  | kW  |
| 300 | UL (78-115psi)<br>FM (77-115psi)   | SCF125-80-200 (5×3")    | 3550         | 40  | 30  |
|     |                                    |                         |              | 50  | 37  |
|     |                                    |                         |              | 60  | 45  |
|     | UL (103-133psi)<br>FM (102-132psi) | SCF100-80-200 (4×3")    | 3550         | 40  | 30  |
|     |                                    |                         |              | 50  | 37  |
|     |                                    |                         |              | 60  | 45  |
|     | UL (122-217psi)<br>FM (124-218psi) | SCF100-80-250 (4×3")    | 3550         | 60  | 45  |
|     |                                    |                         |              | 75  | 55  |
|     |                                    |                         |              | 100 | 75  |
|     | UL (176-279psi)<br>FM (176-279psi) | SCF125-100-300 (5×4")   | 3550         | 150 | 110 |
|     |                                    |                         |              | 200 | 150 |
|     |                                    |                         |              |     |     |
| 400 | UL (76-113psi)<br>FM (76-113psi)   | SCF125-80-200 (4×3")    | 3550         | 40  | 30  |
|     |                                    |                         |              | 50  | 37  |
|     |                                    |                         |              | 60  | 45  |
|     | UL (99-131psi)<br>FM (98-130psi)   | SCF100-80-200 (4×3")    | 3550         | 40  | 30  |
|     |                                    |                         |              | 50  | 37  |
|     |                                    |                         |              | 60  | 45  |
|     | UL (123-215psi)<br>FM (122-215psi) | SCF100-80-250 (4×3")    | 3550         | 60  | 45  |
|     |                                    |                         |              | 75  | 55  |
|     |                                    |                         |              | 100 | 75  |
|     | UL (173-274psi)<br>FM (173-274psi) | SCF125-100-300 (5×4")   | 3550         | 150 | 110 |
|     |                                    |                         |              | 200 | 150 |
|     |                                    |                         |              |     |     |
| 450 | UL (75-112psi)<br>FM (75-112psi)   | SCF125-80-200 (5×3")    | 3550         | 40  | 30  |
|     |                                    |                         |              | 50  | 37  |
|     |                                    |                         |              |     |     |
|     | UL (95-129psi)<br>FM (94-127psi)   | SCF100-80-200 (4×3")    | 3550         | 40  | 30  |
|     |                                    |                         |              | 50  | 37  |
|     |                                    |                         |              | 60  | 45  |
|     | UL (121-213psi)<br>FM (120-213psi) | SCF100-80-250 (4×3")    | 3550         | 60  | 45  |
|     |                                    |                         |              | 75  | 55  |
|     |                                    |                         |              | 100 | 75  |
|     | UL (172-272psi)<br>FM (173-272psi) | SCF125-100-300 (5×4")   | 3550         | 150 | 110 |
|     |                                    |                         |              | 200 | 150 |
|     |                                    |                         |              |     |     |
| 500 | UL (74-111psi)<br>FM (73-111psi)   | SCF125-80-200 (5×3")    | 3550         | 40  | 30  |
|     |                                    |                         |              | 50  | 37  |
|     |                                    |                         |              |     |     |
|     | UL (91-127psi)<br>FM (89-125psi)   | SCF100-80-200 (4×3")    | 3550         | 40  | 30  |
|     |                                    |                         |              | 50  | 37  |
|     |                                    |                         |              | 60  | 45  |
|     | UL (118-210psi)<br>FM (116-210psi) | SCF100-80-250 (4×3")    | 3550         | 60  | 45  |
|     |                                    |                         |              | 75  | 55  |
|     |                                    |                         |              | 100 | 75  |
|     | UL (170-269psi)<br>FM (170-269psi) | SCF125-100-300 (5×4")   | 3550         | 150 | 110 |
|     |                                    |                         |              | 200 | 150 |
|     |                                    |                         |              |     |     |
|     | UL (269-308psi)<br>FM (266-305psi) | SCF125-80-350 (5×3")    | 3550         | 200 | 150 |
|     |                                    |                         |              |     |     |
|     |                                    |                         |              |     |     |
|     | UL (350-616psi)<br>FM (352-600psi) | SCF125-100-330×2 (5×4") | 3550         | 200 | 150 |
|     |                                    |                         |              | 250 | 185 |
|     |                                    |                         |              | 300 | 220 |
|     |                                    |                         |              | 350 | 260 |
|     |                                    |                         |              | 400 | 300 |
| 750 | UL (40-77psi)<br>FM (40-78psi)     | SCF200-150-330 (8×6")   | 1760         | 30  | 22  |
|     |                                    |                         |              | 40  | 30  |
|     |                                    |                         |              | 50  | 37  |
|     |                                    |                         |              | 60  | 45  |
|     |                                    |                         |              | 75  | 55  |
|     | UL (66-103psi)<br>FM (66-103psi)   | SCF125-80-200 (5×3")    | 3550         | 40  | 30  |
|     |                                    |                         |              | 50  | 37  |
|     |                                    |                         |              | 60  | 45  |
|     |                                    |                         |              | 75  | 55  |
|     |                                    |                         |              |     |     |
|     | UL (105-185psi)<br>FM (105-183psi) | SCF125-80-250 (5×3")    | 3550         | 60  | 45  |
|     |                                    |                         |              | 75  | 55  |

| GPM  | PRESSURE RANGE                     | PUMP MODEL              | MOTOR DRIVER |     |      |
|------|------------------------------------|-------------------------|--------------|-----|------|
|      |                                    |                         | RPM          | HP  | kW   |
| 750  | UL (105-185psi)<br>FM (105-183psi) | SCF125-80-250 (5×3")    | 3550         | 100 | 75   |
|      |                                    |                         |              | 125 | 92.5 |
|      | UL (157-247psi)<br>FM (157-247psi) | SCF125-100-300 (5×4")   | 3550         | 150 | 110  |
|      |                                    |                         |              | 200 | 150  |
|      | UL (254-292psi)<br>FM (251-289psi) | SCF125-80-350 (5×3")    | 3550         | 200 | 150  |
|      |                                    |                         |              |     |      |
|      | UL (312-574psi)<br>FM (313-564psi) | SCF125-100-330×2 (5×4") | 3550         | 200 | 150  |
|      |                                    |                         |              | 250 | 185  |
|      |                                    |                         |              | 300 | 220  |
|      |                                    |                         |              | 350 | 260  |
|      |                                    |                         |              | 400 | 300  |
|      | UL (263-361psi)<br>FM (263-361psi) | SCF200-150-450×2 (8×6") | 1800         | 250 | 185  |
|      |                                    |                         |              | 300 | 220  |
|      |                                    |                         |              | 350 | 260  |
| 1000 | UL (40-74psi)<br>FM (40-75psi)     | SCF200-150-330 (8×6")   | 1760         | 40  | 30   |
|      |                                    |                         |              | 50  | 37   |
|      |                                    |                         |              | 60  | 45   |
|      |                                    |                         |              | 75  | 55   |
|      | UL (79-145psi)<br>FM (80-146psi)   | SCF150-125-200 (6×5")   | 3550         | 75  | 55   |
|      |                                    |                         |              | 100 | 75   |
|      |                                    |                         |              | 125 | 92.5 |
|      | UL (130-225psi)<br>FM (130-223psi) | SCF150-125-250 (6×5")   | 3550         | 125 | 92.5 |
|      |                                    |                         |              | 150 | 110  |
|      |                                    |                         |              | 200 | 150  |
|      | UL (182-283psi)<br>FM (211-283psi) | SCF150-125-310 (6×5")   | 3550         | 250 | 185  |
|      |                                    |                         |              | 300 | 220  |
|      | UL (253-354psi)<br>FM (253-354psi) | SCF200-150-450×2 (8×6") | 1800         | 250 | 185  |
|      |                                    |                         |              | 300 | 220  |
|      |                                    |                         |              | 350 | 260  |
| 1250 | UL (70-131psi)<br>FM (70-131psi)   | SCF200-150-375 (8×6")   | 1760         | 75  | 55   |
|      |                                    |                         |              | 100 | 75   |
|      |                                    |                         |              | 125 | 92.5 |
|      |                                    |                         |              | 150 | 110  |
|      | UL (133-225psi)<br>FM (133-224psi) | SCF200-150-250 (8×6")   | 3550         | 200 | 150  |
|      |                                    |                         |              | 250 | 185  |
|      |                                    |                         |              | 300 | 220  |
|      | UL (168-281psi)<br>FM (168-247psi) | SCF200-150-310 (8×6")   | 3550         | 250 | 185  |
|      |                                    |                         |              | 300 | 220  |
|      | UL (236-342psi)<br>FM (236-342psi) | SCF200-150-450×2 (8×6") | 1800         | 250 | 185  |
|      |                                    |                         |              | 300 | 220  |
|      |                                    |                         |              | 350 | 260  |
| 1500 | UL (69-97psi)<br>FM (69-96psi)     | SCF200-150-350 (8×6")   | 1760         | 100 | 75   |
|      |                                    |                         |              | 125 | 92.5 |
|      | UL (88-128psi)<br>FM (88-128psi)   | SCF200-150-375 (8×6")   | 1760         | 100 | 75   |
|      |                                    |                         |              | 125 | 92.5 |
|      |                                    |                         |              | 150 | 110  |
|      | UL (122-216psi)<br>FM (122-215psi) | SCF200-150-250 (8×6")   | 3550         | 150 | 110  |
|      |                                    |                         |              | 200 | 150  |
|      |                                    |                         |              | 250 | 185  |
|      | UL (120-171psi)<br>FM (122-171psi) | SCF200-150-480 (8×6")   | 1760         | 300 | 220  |
|      |                                    |                         |              | 200 | 150  |
|      |                                    |                         |              | 250 | 185  |
|      | UL (158-269psi)<br>FM (159-237psi) | SCF200-150-310 (8×6")   | 3550         | 300 | 220  |
|      |                                    |                         |              | 250 | 185  |
|      | UL / FM (324psi)                   | SCF200-150-450×2 (8×6") | 1800         | 350 | 260  |

\* PYRO ENGINEERING에 문의

| GPM  | PRESSURE RANGE                     | PUMP MODEL               | MOTOR DRIVER |     |      |
|------|------------------------------------|--------------------------|--------------|-----|------|
|      |                                    |                          | RPM          | HP  | kW   |
| 2000 | UL (64-104psi)<br>FM (64-104psi)   | SCF200-150-400G (8×6")   | 1760         | 125 | 92.5 |
|      |                                    |                          |              | 150 | 110  |
|      |                                    |                          |              | 200 | 150  |
|      | UL (94-115psi)<br>FM (95-116psi)   | SCF200-150-400 (8×6")    | 1760         | 150 | 110  |
|      |                                    |                          |              | 200 | 150  |
|      | UL (109-165psi)<br>FM (114-166psi) | SCF200-150-480 (8×6")    | 1760         | 200 | 150  |
|      |                                    |                          |              | 250 | 185  |
|      |                                    |                          |              | 300 | 220  |
| 2500 | UL (122-188psi)<br>FM (122-188psi) | SCF200-150-480GL (8×6")  | 1760         | 300 | 220  |
|      |                                    |                          |              | 350 | 260  |
|      | UL (96psi)<br>FM (96psi)           | SCF200-150-400G (8×6")   | 1760         | 200 | 150  |
|      |                                    |                          |              | 200 | 150  |
|      |                                    |                          |              | 250 | 185  |
|      | UL (111-181psi)<br>FM (111-180psi) | SCF200-150-480GL (8×6")  | 1760         | 300 | 220  |
|      |                                    |                          |              | 350 | 260  |
|      |                                    |                          |              | 250 | 185  |
| 3000 | UL (115-147psi)<br>FM (119-148psi) | SCF250-200-450 (10×8")   | 1760         | 300 | 220  |
|      |                                    |                          |              | 350 | 260  |
|      |                                    |                          |              | 350 | 260  |
|      | UL (121-179psi)<br>FM (120-179psi) | SCF250-200-500 (10×8")   | 1760         | 400 | 300  |
|      |                                    |                          |              | 350 | 260  |
| 3500 | UL (136-170psi)<br>FM (135-170psi) | SCF250-200-500 (10×8")   | 1760         | 400 | 300  |
| 4000 | *                                  | *                        | *            | *   | *    |
| 4500 | UL (121-222psi)<br>FM (118-220psi) | SCF300-250-500 (12×10")  | 1800         | 400 | 300  |
|      |                                    |                          |              | 450 | 335  |
|      |                                    |                          |              | 500 | 373  |
| 5000 | UL (134-218psi)<br>FM (132-217psi) | SCF300-250-500 (12×10")  | 1800         | 500 | 373  |
| 5500 | UL (192-237psi)<br>FM (192-237psi) | SCF300-250-600L (12×10") | 1760         | *   | *    |
|      | FM (223-243psi)                    | SCF350-250-640 (14×10")  | 1760         | *   | *    |
| 6000 | UL (186-232psi)<br>FM (187-233psi) | SCF300-250-600L (12×10") | 1760         | *   | *    |
|      | UL (220-280psi)<br>FM (219-239psi) | SCF350-250-640 (14×10")  | 1760         | *   | *    |
| 6500 | UL (216-276psi)<br>FM (215-235psi) | SCF350-250-640 (14×10")  | 1760         | *   | *    |
| 7000 | UL (211-271psi)<br>FM (210-230psi) | SCF350-250-640 (14×10")  | 1760         | *   | *    |
| 7500 | UL (205-267psi)<br>FM (205-224psi) | SCF350-250-640 (14×10")  | 1760         | *   | *    |
| 8000 | UL (239-261psi)                    | SCF350-250-640 (14×10")  | 1760         | *   | *    |



## End Suction Type Engine Pumps

유량 : 50 - 2500 GPM

양정 : 52 - 203 PSI

RPM : 1760 - 2950 RPM

| GPM | PRESSURE RANGE                     | PUMP MODEL           | DIESEL ENGINE DRIVER |      |     |     |
|-----|------------------------------------|----------------------|----------------------|------|-----|-----|
|     |                                    |                      | MODEL (UL& FM)       | RPM  | HP  | kW  |
| 50  | UL (76-111psi)                     | ESF40/20 (2.5"x1.5") | NM4-90               | 2950 | 51  | 38  |
| 100 | UL (72-109psi)                     | ESF40/20 (2.5"x1.5") | NM4-90               | 2950 | 51  | 38  |
|     | UL (100-138psi)                    | ESF40/26 (2.5"x1.5") | NM4-90               | 2950 | 51  | 38  |
| 150 | UL (164-198psi)                    | ESF65/32 (3"x2.5")   | NM6-110B             | 2950 | 153 | 114 |
|     |                                    |                      | NM6-110E             | 2900 | 192 | 143 |
| 200 | UL (56-99psi)<br>FM (72-100psi)    | ESF50/20 (2.5"x2")   | NM4-90               | 2950 | 51  | 38  |
|     |                                    |                      | NM4-105              | 2950 | 86  | 64  |
|     | UL (105-140psi)<br>FM (103-138psi) | ESF50/26 (2.5"x2")   | NM4-90               | 2950 | 51  | 38  |
|     |                                    |                      | NM4-105              | 2950 | 86  | 64  |
|     | UL (164-198psi)                    | ESF65/32 (3"x2.5")   | NM6-110B             | 2950 | 153 | 114 |
|     |                                    |                      | NM6-110E             | 2900 | 192 | 143 |
| 250 | UL (52-99 psi)<br>FM (70-100 psi)  | ESF50/20 (2.5"x2")   | NM4-90               | 2950 | 51  | 38  |
|     |                                    |                      | NM4-105              | 2950 | 86  | 64  |
|     | UL (99-136psi)<br>FM (100-137psi)  | ESF50/26 (2.5"x2")   | NM4-90               | 2950 | 51  | 38  |
|     |                                    |                      | NM4-105              | 2950 | 86  | 64  |
|     | UL (119-147psi)<br>FM (115-143psi) | ESF65/26 (3"x2.5")   | NM4-105              | 2950 | 86  | 64  |
|     |                                    |                      | NM4-108B             | 2950 | 121 | 90  |
|     | UL (164-198psi)                    | ESF65/32 (3"x2.5")   | NM6-110B             | 2950 | 153 | 114 |
|     |                                    |                      | NM6-110E             | 2900 | 192 | 143 |
|     |                                    |                      | NM6-110D             | 2900 | 268 | 200 |
| 300 | UL (58-107psi)<br>FM (86-107psi)   | ESF65/20 (3"x2.5")   | NM4-90               | 2950 | 51  | 38  |
|     |                                    |                      | NM4-105              | 2950 | 86  | 65  |
|     | UL (119-147psi)<br>FM (115-143psi) | ESF65/26 (3"x2.5")   | NM4-108B             | 2950 | 121 | 90  |
|     |                                    |                      | NM4-105              | 2950 | 86  | 64  |
|     | UL (164-198psi)                    | ESF65/32 (3"x2.5")   | NM6-110B             | 2950 | 153 | 114 |
|     |                                    |                      | NM6-110E             | 2900 | 192 | 143 |
| 400 | UL (53-104psi)<br>FM (83-104psi)   | ESF65/20 (3"x2.5")   | NM6-110D             | 2900 | 268 | 200 |
|     |                                    |                      | NM4-90               | 2950 | 51  | 38  |
|     | UL (119-141psi)<br>FM (113-141psi) | ESF65/26 (3"x2.5")   | NM4-105              | 2950 | 86  | 64  |
|     |                                    |                      | NM4-108B             | 2950 | 121 | 90  |
|     | UL (164-198psi)                    | ESF65/32 (3"x2.5")   | NM6-110B             | 2950 | 153 | 114 |
|     |                                    |                      | NM6-110E             | 2900 | 192 | 143 |
|     |                                    |                      | NM6-110D             | 2900 | 268 | 200 |
| 450 | UL (80-102 psi)<br>FM (80-102 psi) | ESF65/20 (3"x2.5")   | NM4-105              | 2950 | 86  | 64  |
|     |                                    |                      | NM4-108B             | 2950 | 121 | 90  |
|     | UL (114-138psi)<br>FM (111-138psi) | ESF65/26 (3"x2.5")   | NM4-90               | 2950 | 51  | 38  |
|     |                                    |                      | NM4-105              | 2950 | 86  | 64  |
|     | UL (163-197psi)<br>FM (161-203psi) | ESF65/32 (3"x2.5")   | NM4-108B             | 2950 | 121 | 90  |
|     |                                    |                      | NM6-110B             | 2950 | 153 | 114 |
|     |                                    |                      | NM6-110E             | 2900 | 192 | 143 |
|     |                                    |                      | NM6-110D             | 2900 | 268 | 200 |

| GPM  | PRESSURE RANGE                     | PUMP MODEL          | DIESEL ENGINE DRIVER |      |     |     |
|------|------------------------------------|---------------------|----------------------|------|-----|-----|
|      |                                    |                     | MODEL (UL& FM)       | RPM  | HP  | kW  |
| 500  | UL (77-99psi)<br>FM (78-99psi)     | ESF65/20 (3"x2.5")  | NM4-90               | 2950 | 51  | 38  |
|      |                                    |                     | NM4-105              | 2950 | 86  | 64  |
|      |                                    |                     | NM4-108B             | 2950 | 121 | 90  |
|      | UL (111-135psi)<br>FM (110-135psi) | ESF65/26 (3"x2.5")  | NM4-105              | 2950 | 86  | 64  |
|      |                                    |                     | NM4-108B             | 2950 | 121 | 90  |
|      | UL (116-138psi)<br>FM (112-137psi) | ESF80/26 (4"x3")    | NM4-108B             | 2950 | 121 | 90  |
|      |                                    |                     | NM6-110B             | 2950 | 153 | 114 |
|      | UL (162-196psi)<br>FM (159-203psi) | ESF65/32 (3"x2.5")  | NM6-110B             | 2950 | 153 | 114 |
|      |                                    |                     | NM6-110E             | 2900 | 192 | 143 |
|      |                                    |                     | NM6-110D             | 2900 | 268 | 200 |
| 750  | UL (87-98psi)<br>FM (86-96psi)     | ESF80/20 (4"x3")    | NM4-105              | 2950 | 86  | 64  |
|      |                                    |                     | NM4-108B             | 2950 | 121 | 90  |
|      | UL (105-132psi)<br>FM (104-131psi) | ESF80/26 (4"x3")    | NM4-105              | 2950 | 86  | 64  |
|      |                                    |                     | NM4-108              | 2950 | 94  | 70  |
|      |                                    |                     | NM4-108B             | 2950 | 121 | 90  |
|      | UL (147-186psi)<br>FM (143-190psi) | ESF65/32 (3"x2.5")  | NM6-110B             | 2950 | 153 | 114 |
|      |                                    |                     | NM6-110B             | 2950 | 153 | 114 |
|      |                                    |                     | NM6-110E             | 2900 | 192 | 143 |
|      | UL (151-198psi)<br>FM (152-202psi) | ESF80-32 (4"x3")    | NM6-110D             | 2900 | 268 | 200 |
|      |                                    |                     | NM6-108E             | 2950 | 335 | 250 |
| 1000 | UL (133-185psi)<br>FM (136-190psi) | ESF80/32 (4"x3")    | NM6-110B             | 2950 | 263 | 114 |
|      |                                    |                     | NM6-110E             | 2900 | 192 | 143 |
|      |                                    |                     | NM6-110D             | 2900 | 268 | 200 |
|      |                                    |                     | NM6-108E             | 2950 | 335 | 250 |
| 1250 | UL (120-195psi)                    | ESF125/32 (6"x5")   | NM6-110B             | 2950 | 153 | 114 |
|      |                                    |                     | NM6-110E             | 2900 | 192 | 143 |
|      |                                    |                     | NM6-110D             | 2900 | 268 | 200 |
|      |                                    |                     | NM6-108E             | 2950 | 335 | 250 |
| 1500 | UL (121-187psi)<br>FM (119-185psi) | ESF150/32 (8"x6")   | NM6-110E             | 2900 | 192 | 143 |
|      |                                    |                     | NM6-110D             | 2900 | 268 | 200 |
|      |                                    |                     | NM6-108E             | 2950 | 335 | 250 |
| 2000 | UL (98-163psi)                     | ESF150/40G (8"x6")  | NM6-105B             | 2100 | 208 | 155 |
|      |                                    |                     | NM6-114C             | 2100 | 248 | 185 |
|      |                                    |                     | NM6-114B             | 2100 | 305 | 227 |
|      |                                    |                     | NM6-128B             | 2100 | 412 | 307 |
|      | UL (107-178psi)                    | ESF200/50G (10"x8") | NM6-114C             | 1760 | 221 | 165 |
|      |                                    |                     | NM6-114B             | 1760 | 280 | 209 |
|      |                                    |                     | NM6-135B             | 1760 | 338 | 252 |
|      |                                    |                     | NM6-135              | 1760 | 375 | 280 |
|      |                                    |                     | NM6-128B             | 1760 | 396 | 295 |
|      |                                    |                     | NM6-127              | 1760 | 469 | 350 |
|      |                                    |                     | NM6-127B             | 1760 | 512 | 382 |
| 2500 | UL (99-174psi)                     | ESF200/50G (10"x8") | NM6-114C             | 1760 | 221 | 165 |
|      |                                    |                     | NM6-114B             | 1760 | 280 | 209 |
|      |                                    |                     | NM6-135B             | 1760 | 338 | 252 |
|      |                                    |                     | NM6-135              | 1760 | 375 | 280 |
|      |                                    |                     | NM6-128B             | 1760 | 396 | 295 |
|      |                                    |                     | NM6-127              | 1760 | 469 | 350 |
|      |                                    |                     | NM6-127B             | 1760 | 512 | 382 |



## End Suction Type Motor Pumps

**유량** : 50 - 2500 GPM

**양정** : 53 - 207 PSI

**RPM** : 1760 - 3550 RPM

**50Hz**

| GPM        | PRESSURE RANGE                     | PUMP MODEL          | MOTOR DRIVER |     |      |
|------------|------------------------------------|---------------------|--------------|-----|------|
|            |                                    |                     | RPM          | HP  | kW   |
| <b>50</b>  | UL (76-111psi)                     | ESF40/20(2.5"x1.5") | 2980         | 15  | 11   |
|            |                                    |                     |              | 20  | 15   |
| <b>100</b> | UL (72-109psi)                     | ESF40/20(2.5"x1.5") | 2980         | 15  | 11   |
|            |                                    |                     |              | 20  | 15   |
|            | UL (100-138psi)                    | ESF40/26(2.5"x1.5") | 2980         | 25  | 18.5 |
|            |                                    |                     |              | 30  | 22   |
| <b>150</b> | UL (164-198psi)                    | ESF65/32(3"x2.5")   | 2980         | 125 | 92.5 |
|            |                                    |                     |              | 150 | 110  |
| <b>200</b> | UL (56-99psi)<br>FM (72-100psi)    | ESF50/20(2.5"x2")   | 2980         | 15  | 11   |
|            |                                    |                     |              | 20  | 15   |
|            |                                    |                     |              | 25  | 18.5 |
|            |                                    |                     |              | 30  | 22   |
|            | UL (105-140psi)<br>FM (103-138psi) | ESF50/26(2.5"x2")   | 2980         | 40  | 30   |
|            |                                    |                     |              | 30  | 22   |
|            | UL (164-198psi)                    | ESF65/32(3"x2.5")   | 2980         | 40  | 30   |
|            |                                    |                     |              | 125 | 92.5 |
|            |                                    |                     |              | 150 | 110  |
|            |                                    |                     |              | 15  | 11   |
| <b>250</b> | UL (52-99psi)<br>FM (70-100psi)    | ESF50/20(2.5"x2")   | 2980         | 20  | 15   |
|            |                                    |                     |              | 25  | 18.5 |
|            |                                    |                     |              | 30  | 22   |
|            |                                    |                     |              | 40  | 30   |
|            | UL (99-136psi)<br>FM (100-137psi)  | ESF50/26(2.5"x2")   | 2980         | 30  | 22   |
|            |                                    |                     |              | 40  | 30   |
|            | UL (119-147psi)<br>FM (115-143psi) | ESF65/26(3"x2.5")   | 2980         | 75  | 55   |
|            |                                    |                     |              | 125 | 92.5 |
|            | UL (164-198psi)                    | ESF65/32(3"x2.5")   | 2980         | 150 | 110  |
|            |                                    |                     |              | 25  | 18.5 |
| <b>300</b> | UL (58-107psi)<br>FM (86-107psi)   | ESF65/20(3"x2.5")   | 2980         | 30  | 22   |
|            |                                    |                     |              | 40  | 30   |
|            |                                    |                     |              | 50  | 37   |
|            |                                    |                     |              | 60  | 45   |
|            | UL (119-147psi)<br>FM (115-143psi) | ESF65/26(3"x2.5")   | 2980         | 75  | 55   |
|            |                                    |                     |              | 125 | 92.5 |
|            | UL (164-198 psi)                   | ESF65/32(3"x2.5")   | 2980         | 150 | 110  |
|            |                                    |                     |              | 25  | 18.5 |
| <b>400</b> | UL (53-104psi)<br>FM (83-104psi)   | ESF65/20(3"x2.5")   | 2980         | 30  | 22   |
|            |                                    |                     |              | 40  | 30   |
|            |                                    |                     |              | 50  | 37   |
|            |                                    |                     |              | 60  | 45   |
|            | UL (119-141psi)<br>FM (113-141psi) | ESF65/26(3"x2.5")   | 2980         | 75  | 55   |
|            |                                    |                     |              | 125 | 92.5 |
|            | UL (164-198psi)                    | ESF65/32(3"x2.5")   | 2980         | 150 | 110  |
|            |                                    |                     |              | 25  | 18.5 |
|            |                                    |                     |              | 30  | 22   |
|            |                                    |                     |              | 40  | 30   |

\* PYRO ENGINEERING에 문의

| GPM  | PRESSURE RANGE                     | PUMP MODEL        | MOTOR DRIVER |     |      |
|------|------------------------------------|-------------------|--------------|-----|------|
|      |                                    |                   | RPM          | HP  | kW   |
| 450  | UL (80-102psi)<br>FM (80-102psi)   | ESF65/20(3"x2.5") | 2980         | 40  | 30   |
|      |                                    |                   |              | 50  | 37   |
|      | UL (114-138psi)<br>FM (111-138psi) | ESF65/26(3"x2.5") | 2980         | 60  | 45   |
|      |                                    |                   |              | 75  | 55   |
|      | UL (163-197psi)<br>FM (161-203psi) | ESF65/32(3"x2.5") | 2980         | 125 | 92.5 |
|      |                                    |                   |              | 150 | 110  |
| 500  | UL (77-99psi)<br>FM (78-99psi)     | ESF65/20(3"x2.5") | 2980         | 40  | 30   |
|      |                                    |                   |              | 50  | 37   |
|      | UL (111-135psi)<br>FM (110-135psi) | ESF65/26(3"x2.5") | 2980         | 60  | 45   |
|      |                                    |                   |              | 75  | 55   |
|      | UL (116-138psi)<br>FM (112-137psi) | ESF80/26(4"x3")   | 2980         | 100 | 75   |
|      | UL (162-196psi)<br>FM (159-203psi) | ESF65/32(3"x2.5") | 2980         | 125 | 92.5 |
|      |                                    |                   |              | 150 | 110  |
|      |                                    |                   |              |     |      |
| 750  | UL (87-98psi)<br>FM (86-96psi)     | ESF80/20(4"x3")   | 2980         | 60  | 45   |
|      |                                    |                   |              | 75  | 55   |
|      | UL (105-132psi)<br>FM (104-131psi) | ESF80/26(4"x3")   | 2980         | 75  | 55   |
|      |                                    |                   |              | 100 | 75   |
|      | UL (147-186psi)<br>FM (143-190psi) | ESF65/32(3"x2.5") | 2980         | 125 | 92.5 |
|      |                                    |                   |              | 150 | 110  |
|      | UL (151-198psi)<br>FM (152-202psi) | ESF80-32(4"x3")   | 2980         | 200 | 150  |
|      |                                    |                   |              |     |      |
| 1000 | UL (133-185psi)<br>FM (136-190psi) | ESF80/32(4"x3")   | 2980         | 150 | 110  |
|      |                                    |                   |              | 200 | 150  |
| 1250 | UL (120-195psi)                    | ESF125/32(6"x5")  | 2980         | 125 | 92.5 |
|      |                                    |                   |              | 150 | 110  |
|      |                                    |                   |              | 200 | 150  |
|      |                                    |                   |              | 250 | 185  |
| 1500 | UL (121-187psi)<br>FM (119-185psi) | ESF150/32(8"x6")  | 2980         | 150 | 110  |
|      |                                    |                   |              | 200 | 150  |
|      |                                    |                   |              | 250 | 185  |
| 2000 | *                                  | *                 | *            | *   | *    |
| 2500 | *                                  | *                 | *            | *   | *    |

**60Hz**
**\* PYRO ENGINEERING에 문의**

| GPM         | PRESSURE RANGE                       | PUMP MODEL          | MOTOR DRIVER |     |      |
|-------------|--------------------------------------|---------------------|--------------|-----|------|
|             |                                      |                     | RPM          | HP  | kW   |
| <b>50</b>   | UL (108-157psi)                      | ESF40/20(2.5"x1.5") | 3550         | 20  | 15   |
|             |                                      |                     |              | 25  | 18.5 |
|             |                                      |                     |              | 30  | 22   |
| <b>100</b>  | UL (105-157psi)                      | ESF40/20(2.5"x1.5") | 3550         | 20  | 15   |
|             |                                      |                     |              | 25  | 18.5 |
|             |                                      |                     |              | 30  | 22   |
| <b>150</b>  | *                                    | *                   | *            | *   | *    |
| <b>200</b>  | UL (102-142psi)<br>FM (104-143psi)   | ESF50/20(2.5"x2")   | 3550         | 40  | 30   |
|             |                                      |                     |              | 50  | 37   |
|             | UL (152-206psi)<br>FM (150-201psi)   | ESF50/26H(2.5"x2")  | 3550         | 50  | 37   |
|             |                                      |                     |              | 60  | 45   |
| <b>250</b>  | UL (101-141psi)<br>FM (102-142psi)   | ESF50/20(2.5"x2")   | 3550         | 40  | 30   |
|             |                                      |                     |              | 50  | 37   |
|             | UL (147-204psi)<br>FM (147-200psi)   | ESF50/26H(2.5"x2")  | 3550         | 50  | 37   |
|             |                                      |                     |              | 60  | 45   |
| <b>300</b>  | UL (112-152psi)<br>FM (112-152psi)   | ESF65/20(3"x2.5")   | 3550         | 75  | 55   |
|             |                                      |                     |              | 60  | 45   |
|             | UL (142-199psi)<br>FM (140-196psi)   | ESF50/26H(2.5"x2")  | 3550         | 50  | 37   |
|             |                                      |                     |              | 60  | 45   |
|             | UL (155-207 psi)<br>FM (154-206 psi) | ESF65/26H(3"x2.5")  | 3550         | 75  | 55   |
|             |                                      |                     |              | 150 | 110  |
| <b>400</b>  | UL (108-150psi)<br>FM (108-150psi)   | ESF65/20(3"x2.5")   | 3550         | 60  | 45   |
|             |                                      |                     |              | 75  | 55   |
|             |                                      |                     |              | 100 | 75   |
|             | UL (152-207psi)<br>FM (150-205psi)   | ESF65/26H(3"x2.5")  | 3550         | 100 | 75   |
|             |                                      |                     |              | 125 | 92.5 |
|             |                                      |                     |              | 150 | 110  |
| <b>450</b>  | UL (105-148psi)<br>FM (105-148psi)   | ESF65/20(3"x2.5")   | 3550         | 60  | 45   |
|             |                                      |                     |              | 75  | 55   |
|             |                                      |                     |              | 100 | 75   |
|             | UL (149-206psi)<br>FM (147-204psi)   | ESF65/26H(3"x2.5")  | 3550         | 100 | 75   |
|             |                                      |                     |              | 125 | 92.5 |
|             |                                      |                     |              | 150 | 110  |
| <b>500</b>  | UL (101-145psi)<br>FM (101-146psi)   | ESF65/20(3"x2.5")   | 3550         | 60  | 45   |
|             |                                      |                     |              | 75  | 55   |
|             |                                      |                     |              | 100 | 75   |
|             | UL (146-205psi)<br>FM (143-202psi)   | ESF65/26H(3"x2.5")  | 3550         | 100 | 75   |
|             |                                      |                     |              | 125 | 92.5 |
|             |                                      |                     |              | 150 | 110  |
| <b>750</b>  | UL (127-142psi)<br>FM (125-140psi)   | ESF80/20(4"x3")     | 3550         | 100 | 75   |
| <b>1000</b> | *                                    | *                   | *            | 125 | 92.5 |
| <b>1250</b> | *                                    | *                   | *            | *   | *    |
| <b>1500</b> | *                                    | *                   | *            | *   | *    |
| <b>2000</b> | UL (107-178psi)                      | ESF200/50G(10"x8")  | 1760         | 200 | 150  |
|             |                                      |                     |              | 250 | 185  |
|             |                                      |                     |              | 300 | 220  |
|             |                                      |                     |              | 350 | 260  |
|             |                                      |                     |              | 400 | 300  |
| <b>2500</b> | UL (99-174psi)                       | ESF200/50G(10"x8")  | 1760         | 200 | 150  |
|             |                                      |                     |              | 250 | 185  |
|             |                                      |                     |              | 300 | 220  |
|             |                                      |                     |              | 350 | 260  |
|             |                                      |                     |              | 400 | 300  |



## Vertical Multistage Jockey Pump

유량 : 1.0 – 22 m<sup>3</sup>/h

양정 : 35 - 249 m

RPM : 2900, 3500 RPM

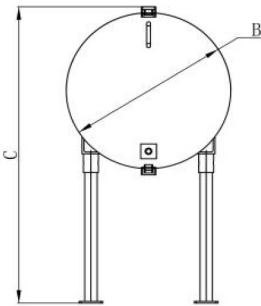
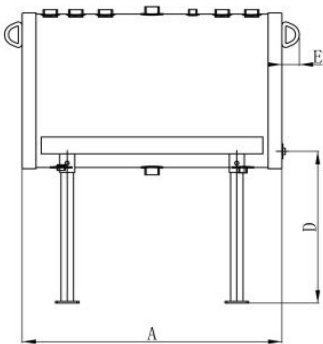
| Model    | RPM  | Moter(kW) | Q (m <sup>3</sup> /h) | 1.0   | 1.2  | 1.6   | 2.0  | 2.4   | 2.8  | 3.2   | 3.5  |
|----------|------|-----------|-----------------------|-------|------|-------|------|-------|------|-------|------|
| CDL2-9   | 2900 | 1.1       | H (m)                 | 80    | 78   | 73    | 67   | 61    | 54   | 45    | 37   |
| CDL2-11  |      | 1.5       |                       | 98    | 95   | 89    | 82   | 73    | 64   | 54    | 44   |
| CDL2-13  |      | 1.5       |                       | 116   | 114  | 106   | 98   | 89    | 78   | 65    | 52   |
| CDL2-15  |      | 1.5       |                       | 134   | 130  | 123   | 112  | 100   | 90   | 73    | 60   |
| Model    | RPM  | Moter(kW) | Q (m <sup>3</sup> /h) | 1.0   | 1.5  | 2.0   | 2.5  | 3.0   | 3.5  | 4.0   | 4.5  |
| CDL2-7   | 3500 | 1.5       | H (m)                 | 91    | 86   | 81    | 74   | 66    | 57   | 47    | 35   |
| CDL2-9   |      | 2.2       |                       | 117   | 111  | 104   | 95   | 86    | 75   | 61    | 45   |
| CDL2-11  |      | 2.2       |                       | 143   | 136  | 128   | 116  | 104   | 90   | 75    | 56   |
| CDL2-13  |      | 3.0       |                       | 171   | 163  | 152   | 139  | 126   | 108  | 90    | 66   |
| Model    | RPM  | Moter(kW) | Q (m <sup>3</sup> /h) | 1.2   | 1.6  | 2.0   | 2.4  | 2.8   | 3.0  | 3.2   | 3.6  |
| CDL3-15  | 2900 | 1.1       | H (m)                 | 90    | 88   | 84    | 79   | 73    | 69   | 66    | 57   |
| CDL3-17  |      | 1.5       |                       | 103   | 100  | 96    | 90   | 83    | 79   | 75    | 64   |
| CDL3-19  |      | 1.5       |                       | 115   | 112  | 107   | 100  | 92    | 88   | 83    | 72   |
| CDL3-21  |      | 2.2       |                       | 128   | 124  | 119   | 112  | 102   | 98   | 91    | 79   |
| Model    | RPM  | Moter(kW) | Q (m <sup>3</sup> /h) | 1.5   | 2.0  | 2.5   | 3.0  | 3.5   | 4.0  | 4.5   | 5.0  |
| CDL3-13  | 3500 | 2.2       | H (m)                 | 112   | 109  | 104   | 98   | 86    | 80   | 69    | 57   |
| CDL3-15  |      | 2.2       |                       | 129   | 126  | 120   | 112  | 99    | 93   | 81    | 65   |
| CDL3-17  |      | 2.2       |                       | 147   | 143  | 137   | 128  | 114   | 106  | 91    | 74   |
| CDL3-19  |      | 3.0       |                       | 165   | 160  | 153   | 142  | 126   | 118  | 102   | 82   |
| Model    | RPM  | Moter(kW) | Q (m <sup>3</sup> /h) | 1.5   | 2.0  | 3.0   | 4.0  | 5.0   | 6.0  | 7.0   |      |
| CDL4-10  | 2900 | 2.2       | H (m)                 | 96    | 90   | 87    | 81   | 71    | 62   | 48    |      |
| CDL4-12  |      | 2.2       |                       | 114   | 108  | 104   | 95   | 85    | 75   | 58    |      |
| CDL4-14  |      | 3.0       |                       | 136   | 126  | 122   | 112  | 101   | 89   | 68    |      |
| Model    | RPM  | Moter(kW) | Q (m <sup>3</sup> /h) | 2.5   | 3.0  | 4.0   | 5.0  | 6.0   | 7.0  | 8.0   |      |
| CDL4-8   | 3500 | 3.0       | H (m)                 | 104   | 100  | 95    | 90   | 79    | 72   | 63    |      |
| CDL4-10  |      | 4.0       |                       | 130   | 125  | 120   | 113  | 102   | 90   | 80    |      |
| CDL4-12  |      | 4.0       |                       | 156   | 150  | 145   | 136  | 122   | 109  | 96    |      |
| CDL4-14  |      | 5.5       |                       | 182   | 176  | 170   | 159  | 145   | 129  | 112   |      |
| Model    | RPM  | Moter(kW) | Q (m <sup>3</sup> /h) | 5.0   | 6.0  | 7.0   | 8.0  | 9.0   | 10.0 | 11.0  | 12.0 |
| CDL8-12  | 2900 | 4.0       | H (m)                 | 124   | 120  | 116   | 111  | 104   | 92   | 87    | 78   |
| CDL8-14  |      | 5.5       |                       | 145   | 141  | 136   | 130  | 122   | 113  | 102   | 92   |
| CDL8-16  |      | 5.5       |                       | 166   | 161  | 156   | 148  | 139   | 130  | 118   | 106  |
| CDL8-18  |      | 7.5       |                       | 187   | 182  | 175   | 167  | 157   | 146  | 134   | 120  |
| CDL8-20  |      | 7.5       |                       | 208   | 202  | 195   | 186  | 175   | 163  | 150   | 135  |
| Model    | RPM  | Moter(kW) | Q (m <sup>3</sup> /h) | 7.0   | 8.0  | 9.0   | 10.0 | 11.0  | 12.0 | 13.0  | 14.0 |
| CDL8-8   | 3500 | 5.5       | H (m)                 | 115   | 110  | 105   | 101  | 97    | 91   | 84    | 75   |
| CDL8-10  |      | 7.5       |                       | 145   | 140  | 132   | 126  | 122   | 115  | 105   | 95   |
| CDL8-12  |      | 7.5       |                       | 173   | 167  | 160   | 152  | 147   | 132  | 125   | 115  |
| CDL8-14  |      | 11.0      |                       | 202   | 195  | 188   | 179  | 174   | 163  | 147   | 135  |
| Model    | RPM  | Moter(kW) | Q (m <sup>3</sup> /h) | 9.0   | 10.0 | 11.0  | 12.0 | 13.0  | 14.0 | 15.0  | 16.0 |
| CDL12-10 | 2900 | 7.5       | H (m)                 | 114.5 | 111  | 106   | 101  | 94.5  | 88   | 80    | 72   |
| CDL12-12 |      | 7.5       |                       | 137   | 133  | 127   | 121  | 113.5 | 106  | 96    | 86   |
| CDL12-14 |      | 11.0      |                       | 160   | 155  | 148   | 141  | 132.5 | 124  | 112   | 100  |
| CDL12-16 |      | 11.0      |                       | 183.5 | 178  | 170   | 162  | 152   | 142  | 128.5 | 115  |
| CDL12-18 |      | 11.0      |                       | 207.5 | 202  | 192.5 | 183  | 171.5 | 160  | 145   | 130  |

| Model    | RPM  | Moter(kW) | Q (m³/h) | 7.0  | 9.0  | 11.0 | 12.0 | 13.0 | 15.0 | 17.0 | 19.0 |
|----------|------|-----------|----------|------|------|------|------|------|------|------|------|
| CDL12-7  | 3500 | 7.5       | H (m)    | 124  | 121  | 116  | 112  | 107  | 97   | 88   | 71   |
| CDL12-8  |      | 11.0      |          | 141  | 137  | 132  | 128  | 122  | 111  | 101  | 82   |
| CDL12-10 |      | 11.0      |          | 178  | 173  | 166  | 161  | 153  | 140  | 128  | 104  |
| CDL12-12 |      | 15.0      |          | 213  | 208  | 199  | 193  | 185  | 169  | 154  | 125  |
| CDL12-14 |      | 15.0      |          | 249  | 242  | 233  | 225  | 216  | 198  | 180  | 145  |
| Model    | RPM  | Moter(kW) | Q (m³/h) | 10.0 | 12.0 | 14.0 | 15.0 | 16.0 | 18.0 | 20.0 | 22.0 |
| CDL15-7  | 2900 | 7.5       | H (m)    | 103  | 100  | 96   | 93   | 90   | 84   | 77   | 69   |
| CDL15-9  |      | 7.5       |          | 117  | 114  | 109  | 106  | 103  | 95   | 87   | 79   |
| CDL15-10 |      | 11.0      |          | 130  | 126  | 121  | 118  | 114  | 106  | 97   | 88   |
| CDL15-12 |      | 11.0      |          | 157  | 152  | 146  | 142  | 138  | 128  | 117  | 106  |
| CDL15-14 |      | 11.0      |          | 182  | 177  | 169  | 165  | 160  | 149  | 137  | 124  |



Fuel Tanks

UL142  
Single and Double Wall  
Carbon Steel Tank



| Outline Dimensions – Single Wall |      |      |      |     |             |          |             |          |
|----------------------------------|------|------|------|-----|-------------|----------|-------------|----------|
| Fuel Tank Capacity               | (mm) |      |      |     | (Inch)      |          |             |          |
|                                  | A    | B    | C    | D   | Fuel supply |          | Fuel return |          |
| 130 gal                          | 974  | 814  | 1631 | 811 | Rc 3/4"     | NPT 3/4" | Rc 3/4"     | NPT 3/4" |
| 175 gal                          | 1324 | 812  | 1629 | 810 | Rc 3/4"     | NPT 3/4" | Rc 3/4"     | NPT 3/4" |
| 285 gal                          | 974  | 1215 | 1974 | 793 | Rc 3/4"     | NPT 3/4" | Rc 3/4"     | NPT 3/4" |
| 390 gal                          | 1324 | 1213 | 1973 | 793 | Rc 3/4"     | NPT 3/4" | Rc 3/4"     | NPT 3/4" |
| 550 gal                          | 1872 | 1215 | 1974 | 793 | Rc 3/4"     | NPT 3/4" | Rc 3/4"     | NPT 3/4" |
| 845 gal                          | 1574 | 1628 | 2327 | 800 | Rc 3/4"     | NPT 3/4" | Rc 3/4"     | NPT 3/4" |
| 1005 gal                         | 1874 | 1628 | 2327 | 800 | Rc 3/4"     | NPT 3/4" | Rc 3/4"     | NPT 3/4" |

| Outline Dimensions – Double Wall |      |      |      |     |    |             |          |             |          |
|----------------------------------|------|------|------|-----|----|-------------|----------|-------------|----------|
| Fuel Tank Capacity               | (mm) |      |      |     |    | (Inch)      |          |             |          |
|                                  | A    | B    | C    | D   | E  | Fuel supply |          | Fuel return |          |
| 125 gal                          | 984  | 835  | 1588 | 814 | 89 | Rc 3/4"     | NPT 3/4" | Rc 3/4"     | NPT 3/4" |
| 170 gal                          | 1320 | 835  | 1588 | 814 | 89 | Rc 3/4"     | NPT 3/4" | Rc 3/4"     | NPT 3/4" |
| 290 gal                          | 1000 | 1230 | 1931 | 796 | 89 | Rc 3/4"     | NPT 3/4" | Rc 3/4"     | NPT 3/4" |
| 390 gal                          | 1340 | 1230 | 1931 | 796 | 89 | Rc 3/4"     | NPT 3/4" | Rc 3/4"     | NPT 3/4" |
| 550 gal                          | 1880 | 1230 | 1931 | 796 | 89 | Rc 3/4"     | NPT 3/4" | Rc 3/4"     | NPT 3/4" |

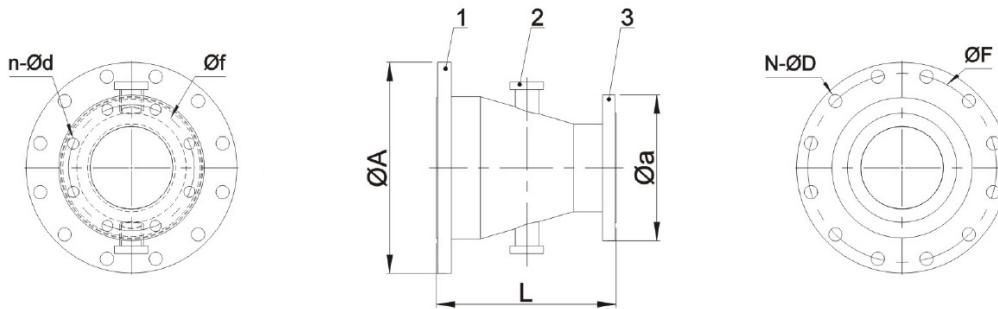


## Waste Cones

UL/FM 승인 소방펌프와 함께 사용하도록  
NFPA 20 요구 사항에 따라 설계 및 제조

### Standards

- Epoxy Coating Red RAL3020
- ASTM A570 Gr.D
- 2" 304SS Sight Glass Welding



| No | Flow (us.gpm)      | Type (inch) | L (mm) | Part 1                   |     |    |      | Part 3 |     |   |      | Part 2              |
|----|--------------------|-------------|--------|--------------------------|-----|----|------|--------|-----|---|------|---------------------|
|    |                    |             |        | ASME B16.5 150# Class RF |     |    |      |        |     |   |      |                     |
|    |                    |             |        | ΦA                       | ΦF  | N  | ΦD   | Φa     | Φf  | n | Φd   | Sight Glasses<br>2" |
| 1  | 300 / 400 / 500    | 3 × 5       | 300    | 254                      | 216 | 8  | 22.4 | 191    | 152 | 4 | 19.1 |                     |
| 2  | 750                | 4 × 6       | 320    | 279                      | 241 | 8  | 22.4 | 229    | 191 | 8 | 19.1 |                     |
| 3  | 1000               | 4 × 8       | 320    | 343                      | 299 | 8  | 22.4 | 229    | 191 | 8 | 19.1 |                     |
| 4  | 1250 / 1500        | 6 × 8       | 340    | 343                      | 299 | 8  | 22.4 | 279    | 241 | 8 | 22.4 |                     |
| 5  | 2000 / 2500        | 6 × 10      | 340    | 406                      | 362 | 12 | 25.4 | 279    | 241 | 8 | 22.4 |                     |
| 6  | 3000 / 3500        | 8 × 12      | 360    | 483                      | 432 | 12 | 25.4 | 343    | 299 | 8 | 22.4 |                     |
| 7  | 4000 / 4500 / 5000 | 8 × 14      | 360    | 533                      | 476 | 12 | 28.4 | 343    | 299 | 8 | 22.4 |                     |



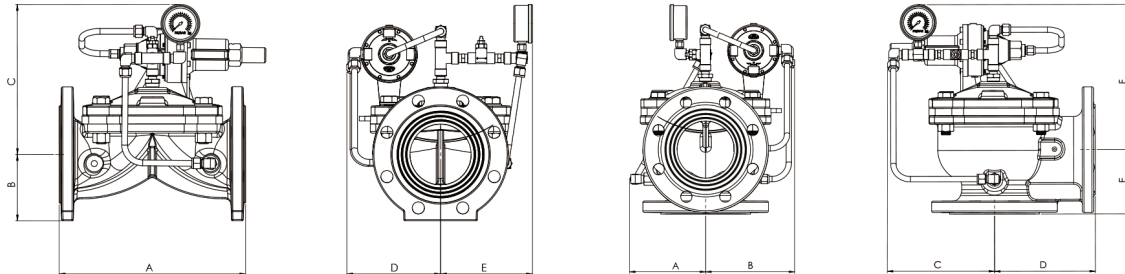
## GVI Fire Pump

The Industry Leader  
in Flow Meters

| Line Size | PUMP GPM | Mater Range Min& Max. GPM | Mater Range Min& Max. LPM | Model Number Grooved | Model Number But Weld | Model Number 150# Flanged | Model Number <Threaded> 300# Flanged |
|-----------|----------|---------------------------|---------------------------|----------------------|-----------------------|---------------------------|--------------------------------------|
| 1-1/4"    | 25       | 12.5 - 50                 | 47 - 189                  | 1.25" - 25 - G       | 1.25" - 25 - B        | 1.25" - 25 - F            | 1.25" - 25 - T                       |
| 2"        | 50       | 25 - 100                  | 95 - 379                  | 2" - 50 - G          | 2" - 50 - B           | 2" - 50 - F               | 2" - 50 - T                          |
| 2-1/2"    | 100      | 50 - 200                  | 189 - 757                 | 2.5" - 100 - G       | 2.5" - 100 - B        | 2.5" - 100 - F            | 2.5" - 100 - F3                      |
| 3"        | 150      | 75 - 300                  | 284 - 1136                | 3" - 150 - G         | 3" - 150 - B          | 3" - 150 - F              | 3" - 150 - F3                        |
| 3"        | 200      | 100 - 400                 | 379 - 1514                | 3" - 200 - G         | 3" - 200 - B          | 3" - 200 - F              | 3" - 150 - F3                        |
| 4"        | 250      | 125 - 500                 | 473 - 1893                | 4" - 250 - G         | 4" - 250 - B          | 4" - 250 - F              | 4" - 250 - F3                        |
| 4"        | 300      | 150 - 600                 | 568 - 2271                | 4" - 300 - G         | 4" - 300 - B          | 4" - 300 - F              | 4" - 300 - F3                        |
| 4"        | 400      | 200 - 800                 | 757 - 3028                | 4" - 400 - G         | 4" - 400 - B          | 4" - 400 - F              | 4" - 400 - F3                        |
| 4"        | 450      | 225 - 900                 | 852 - 3407                | 4" - 450 - G         | 4" - 450 - B          | 4" - 450 - F              | 4" - 450 - F3                        |
| 5"        | 450      | 225 - 900                 | 852 - 3407                | 5" - 450 - G         | 5" - 450 - B          | 5" - 450 - F              | 5" - 450 - F3                        |
| 5"        | 500      | 250 - 1000                | 946 - 3785                | 5" - 500 - G         | 5" - 500 - B          | 5" - 500 - F              | 5" - 500 - F3                        |
| 5"        | 750      | 375 - 1500                | 1420 - 5678               | 5" - 750 - G         | 5" - 750 - B          | 5" - 750 - F              | 5" - 750 - F3                        |
| 6"        | 500      | 250 - 1000                | 946 - 3785                | 6" - 500 - G         | 6" - 500 - B          | 6" - 500 - F              | 6" - 500 - F3                        |
| 6"        | 750      | 375 - 1500                | 1420 - 5678               | 6" - 750 - G         | 6" - 750 - B          | 6" - 750 - F              | 6" - 750 - F3                        |
| 6"        | 1000     | 500 - 2000                | 1893 - 7570               | 6" - 1000 - G        | 6" - 1000 - B         | 6" - 1000 - F             | 6" - 1000 - F3                       |
| 6"        | 1250     | 625 - 2500                | 2366 - 9462               | 6" - 1250 - G        | 6" - 1250 - B         | 6" - 1250 - F             | 6" - 1250 - F3                       |
| 8"        | 1000     | 500 - 2000                | 1893 - 7570               | 8" - 1000 - G        | 8" - 1000 - B         | 8" - 1000 - F             | 8" - 1000 - F3                       |
| 8"        | 1250     | 625 - 2500                | 2366 - 9462               | 8" - 1250 - G        | 8" - 1250 - B         | 8" - 1250 - F             | 8" - 1250 - F3                       |
| 8"        | 1500     | 750 - 3000                | 2839 - 11356              | 8" - 1500 - G        | 8" - 1500 - B         | 8" - 1500 - F             | 8" - 1500 - F3                       |
| 8"        | 2000     | 1000 - 4000               | 3785 - 15142              | 8" - 2000 - G        | 8" - 2000 - B         | 8" - 2000 - F             | 8" - 2000 - F3                       |
| 8"        | 2500     | 1250 - 5000               | 4131 - 18925              | 8" - 2500 - G        | 8" - 2500 - B         | 8" - 2500 - F             | 8" - 2500 - F3                       |
| 8"        | 3000     | 1500 - 6000               | 5678 - 22712              | 8" - 3000 - G        | 8" - 3000 - B         | 8" - 3000 - F             | 8" - 3000 - F3                       |
| 10"       | 1500     | 750 - 3000                | 2839 - 11356              | 10" - 1500 - G       | 10" - 1500 - B        | 10" - 1500 - F            | 10" - 1500 - F3                      |
| 10"       | 2000     | 1000 - 4000               | 3785 - 15142              | 10" - 2000 - G       | 10" - 2000 - B        | 10" - 2000 - F            | 10" - 2000 - F3                      |
| 10"       | 2500     | 1250 - 5000               | 4731 - 18925              | 10" - 2500 - G       | 10" - 2500 - B        | 10" - 2500 - F            | 10" - 2500 - F3                      |
| 10"       | 3000     | 1500 - 6000               | 5678 - 22712              | 10" - 3000 - G       | 10" - 3000 - B        | 10" - 3000 - F            | 10" - 3000 - F3                      |
| 10"       | 3500     | 1750 - 7000               | 6624 - 26495              | 10" - 3500 - G       | 10" - 3500 - B        | 10" - 3500 - F            | 10" - 3500 - F3                      |
| 10"       | 4000     | 2000 - 8000               | 7570 - 30283              | 10" - 4000 - G       | 10" - 4000 - B        | 10" - 4000 - F            | 10" - 4000 - F3                      |
| 10"       | 4500     | 2250 - 9000               | 8518 - 34068              | 10" - 4500 - G       | 10" - 4500 - B        | 10" - 4500 - F            | 10" - 4500 - F3                      |
| 12"       | 2500     | 1250 - 5000               | 4791 - 18925              | *12" - 2500 - G      | *12" - 2500 - B       | *12" - 2500 - F           | *12" - 2500 - F3                     |
| 12"       | 3000     | 1500 - 6000               | 5678 - 22712              | *12" - 3000 - G      | *12" - 3000 - B       | *12" - 3000 - F           | *12" - 3000 - F3                     |
| 12"       | 3500     | 1750 - 7000               | 6624 - 26495              | *12" - 3500 - G      | *12" - 3500 - B       | *12" - 3500 - F           | *12" - 3500 - F3                     |
| 12"       | 4000     | 2000 - 8000               | 7570 - 30283              | *12" - 4000 - G      | *12" - 4000 - B       | *12" - 4000 - F           | *12" - 4000 - F3                     |
| 12"       | 4500     | 2250 - 9000               | 8518 - 34068              | *12" - 4500 - G      | *12" - 4500 - B       | *12" - 4500 - F           | *12" - 4500 - F3                     |
| 12"       | 5000     | 2500 - 10000              | 9464 - 37854              | 12" - 5000 - G       | 12" - 5000 - B        | 12" - 5000 - F            | 12" - 5000 - F3                      |

# RAPHAEL Relif Valve

The Industry Leader  
in Flow Meters



## Model : FDV-R-RN2 (Globe)

| Size         | 2"  |      | 3"    |      | 4"    |      | 6"    |       | 8"    |       |
|--------------|-----|------|-------|------|-------|------|-------|-------|-------|-------|
|              | mm  | inch | mm    | inch | mm    | inch | mm    | inch  | mm    | inch  |
| <b>A</b>     | 111 | 4.4  | 198   | 7.8  | 190.6 | 7.5  | 184.2 | 7.3   | 277.5 | 10.9  |
| <b>B</b>     | 176 | 6.9  | 162   | 6.4  | 176   | 6.9  | 352   | 13.9  | 245   | 9.6   |
| <b>C</b>     | 146 | 5.7  | 172.6 | 6.8  | 184   | 7.2  | 137   | 5.4   | 220   | 8.7   |
| <b>D</b>     | 120 | 4.7  | 154.3 | 6.1  | 178   | 7    | 218   | 8.6   | 226.4 | 8.9   |
| <b>E</b>     | 83  | 3.3  | 116   | 4.6  | 113.8 | 4.5  | 148   | 5.8   | 171.5 | 6.8   |
| <b>F</b>     | 229 | 9    | 208   | 8.2  | 220   | 8.7  | 253.7 | 10    | 314   | 12.4  |
| <b>kg/lb</b> | 6.2 | 13.6 | 20.1  | 44.2 | 25.6  | 56.3 | 48.1  | 105.8 | 719   | 158.2 |

## Model : FDV-Ra-RN2 (Angled)

| Size         | 1.5"-2" |      | 3"    |      | 4"    |      | 6"    |       | 8"   |       |
|--------------|---------|------|-------|------|-------|------|-------|-------|------|-------|
|              | mm      | inch | mm    | inch | mm    | inch | mm    | inch  | mm   | inch  |
| <b>A</b>     | 190     | 7.5  | 314   | 12.4 | 336   | 13.2 | 410   | 16.1  | 470  | 18.5  |
| <b>B</b>     | 82      | 3.2  | 100   | 3.9  | 109   | 4.3  | 142.5 | 5.6   | 161  | 6.3   |
| <b>C</b>     | 204     | 8.0  | 197.2 | 7.8  | 209   | 8.2  | 241   | 9.5   | 308  | 12.1  |
| <b>D</b>     | 211     | 8.3  | 163   | 6.4  | 177.6 | 7.0  | 253.4 | 10.0  | 250  | 9.8   |
| <b>E</b>     | 166     | 6.5  | 182   | 7.2  | 202   | 8.0  | 184.2 | 7.3   | 451  | 17.8  |
| <b>kg/lb</b> | 8.6     | 20.0 | 17.5  | 38.5 | 23.7  | 52.3 | 52.3  | 115.1 | 65.8 | 144.8 |

## Factory Standard

### Main Valve Specifications

#### BODY & COVER

- Ductile iron
- Cast Steel WCB
- Stainless Steel CF8
- Stainless Steel CF8M
- Nickel Aluminum Bronze

#### ELASTOMERS

- NR, fabric reinforced Natural Rubber
- EPDM, fabric reinforced
- NBR, fabric reinforced Nitrile Rubber

#### COATING

- Base layer - high built Epoxy FBE
- Top layer - electrostatic Polyester power RAL 3000
- Rilsan Polyamide based (Nylon 11)
- Internal - vitreous Enamel
- External - Epoxy/Polyster powder RAL 3000

### Trim

#### PIPING & TUBING

- Stainless Steel 316
- Copper / Brass
- Cupro-Nickel
- Monel®

#### FITTINGS

- Stainless Steel 316
- Brass
- Super Duplex
- Cupro-Nickel
- Monel®

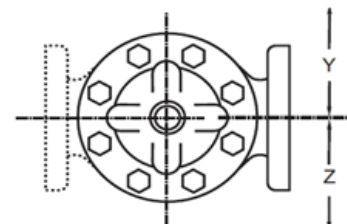
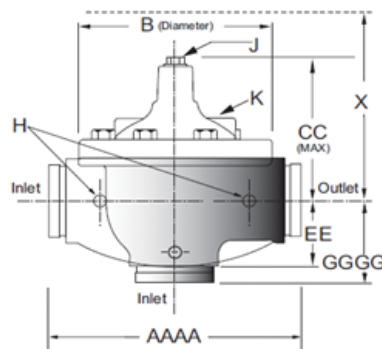
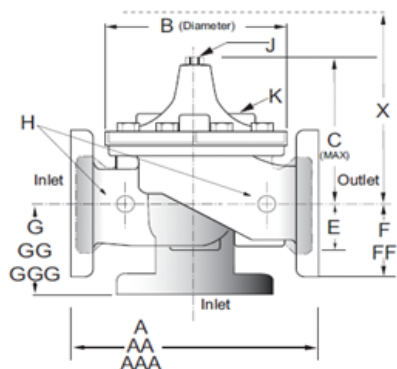
#### ACCESSORIES

- Stainless Steel CF8M / 316
- Brass
- Nickel Aluminum Bronze
- SMO-245
- Monel®

# CLA-VAL Relif Valve

Model : 2050B-4KG1 (Angle)

Model : 50B-4KG1 (Globe)



| Valve Size                       | inch  | mm    | inch  | mm    | inch  | mm  | inch  | mm  |
|----------------------------------|-------|-------|-------|-------|-------|-----|-------|-----|
|                                  | 1 ½   | 40    | 2     | 50    | 2 ½   | 65  | 3     | 80  |
| <b>A Threaded</b>                | 7.25  | 184   | 9.38  | 238   | 11    | 279 | 12.5  | 318 |
| <b>AA 150 ANSI</b>               | 8.5   | 216   | 9.38  | 238   | 11    | 279 | 12    | 305 |
| <b>AAA 300 ANSI</b>              | 9     | 229   | 10    | 254   | 11.62 | 295 | 13.25 | 337 |
| <b>AAAA Grooved End</b>          | 8.5   | 216   | 9     | 228   | 11    | 279 | 12.5  | 318 |
| <b>B Diameter</b>                | 5.62  | 143   | 6.62  | 168   | 8     | 203 | 9.12  | 232 |
| <b>C Maximum</b>                 | 5.5   | 140   | 6.5   | 165   | 7.56  | 192 | 8.19  | 208 |
| <b>CC Maximum Grooved End</b>    | 4.75  | 120   | 5.75  | 146   | 6.88  | 175 | 7.25  | 184 |
| <b>E</b>                         | 1.12  | 29    | 1.5   | 38    | 1.69  | 43  | 2.06  | 52  |
| <b>EE Grooved End</b>            | 2     | 52    | 2.5   | 64    | 2.88  | 73  | 3.12  | 79  |
| <b>F 150 ANSI</b>                | 2.5   | 64    | 3     | 76    | 3.5   | 89  | 3.75  | 95  |
| <b>FF 300 ANSI</b>               | 3.06  | 78    | 3.25  | 83    | 3.75  | 95  | 4.13  | 105 |
| <b>G Threaded</b>                | 1.88  | 48    | 3.25  | 83    | 4     | 102 | 4.5   | 114 |
| <b>GG 150 ANSI</b>               | 4     | 102   | 3.25  | 83    | 4     | 102 | 4     | 102 |
| <b>GGG 300 ANSI</b>              | 4.25  | 102   | 3.5   | 89    | 4.31  | 110 | 4.38  | 111 |
| <b>GGGG Grooved End</b>          | 3     | 76    | 3.25  | 83    | 4.31  | 110 | 4.25  | 108 |
| <b>H NPT Body Tapping</b>        | 0.375 | 0.375 | 0.375 | 0.375 | 0.5   | 0.5 | 0.5   | 0.5 |
| <b>J NPT Cover Center Plug</b>   | 0.25  | 0.25  | 0.5   | 0.5   | 0.5   | 0.5 | 0.5   | 0.5 |
| <b>K NPT Cover Tapping</b>       | 0.375 | 0.375 | 0.375 | 0.375 | 0.5   | 0.5 | 0.5   | 0.5 |
| <b>Stem Travel</b>               | 0.4   | 10    | 0.6   | 15    | 0.7   | 18  | 0.8   | 20  |
| <b>Approx. Ship Weight (lbs)</b> | 15    | 7     | 35    | 16    | 50    | 23  | 70    | 32  |
| <b>Approx. X Pilot System</b>    | 11    | 280   | 13    | 331   | 14    | 356 | 15    | 381 |
| <b>Approx. Y Pilot System</b>    | 9     | 229   | 9     | 229   | 10    | 254 | 11    | 280 |
| <b>Approx. Z Pilot System</b>    | 9     | 229   | 9     | 229   | 10    | 254 | 11    | 280 |

| Valve Size                       | inch  | mm   | inch  | mm   | inch  | mm  |
|----------------------------------|-------|------|-------|------|-------|-----|
|                                  | 4     | 100  | 6     | 150  | 8     | 200 |
| <b>A Threaded</b>                | -     | -    | -     | -    | -     | -   |
| <b>AA 150 ANSI</b>               | 15    | 381  | 20    | 508  | 25.38 | 645 |
| <b>AAA 300 ANSI</b>              | 15.62 | 397  | 21    | 533  | 26.38 | 670 |
| <b>AAAA Grooved End</b>          | 15    | 381  | 20    | 508  | 25.38 | 645 |
| <b>B Diameter</b>                | 11.5  | 292  | 15.75 | 400  | 20    | 508 |
| <b>C Maximum</b>                 | 10.62 | 270  | 13.38 | 340  | 16    | 406 |
| <b>CC Maximum Grooved End</b>    | 9.31  | 236  | 12.12 | 308  | 14.62 | 371 |
| <b>E</b>                         | 3.19  | 81   | 4.31  | 110  | 5.31  | 135 |
| <b>EE Grooved End</b>            | 4.25  | 108  | 6     | 152  | 7.56  | 192 |
| <b>F 150 ANSI</b>                | 4.5   | 114  | 5.5   | 140  | 6.75  | 171 |
| <b>FF 300 ANSI</b>               | 5     | 127  | 6.25  | 159  | 7.5   | 191 |
| <b>G Threaded</b>                | -     | -    | -     | -    | -     | -   |
| <b>GG 150 ANSI</b>               | 5     | 127  | 6     | 152  | 8     | 203 |
| <b>GGG 300 ANSI</b>              | 5.31  | 135  | 6.5   | 165  | 8.5   | 216 |
| <b>GGGG Grooved End</b>          | 5     | 127  | -     | -    | -     | -   |
| <b>H NPT Body Tapping</b>        | 0.75  | 0.75 | 0.75  | 0.75 | 1     | 1   |
| <b>J NPT Cover Center Plug</b>   | 0.75  | 0.75 | 0.75  | 0.75 | 1     | 1   |
| <b>K NPT Cover Tapping</b>       | 0.75  | 0.75 | 0.75  | 0.75 | 1     | 1   |
| <b>Stem Travel</b>               | 1.1   | 28   | 1.7   | 43   | 2.3   | 58  |
| <b>Approx. Ship Weight (lbs)</b> | 140   | 64   | 285   | 129  | 500   | 227 |
| <b>Approx. X Pilot System</b>    | 17    | 432  | 29    | 737  | 31    | 788 |
| <b>Approx. Y Pilot System</b>    | 12    | 305  | 20    | 508  | 22    | 559 |
| <b>Approx. Z Pilot System</b>    | 12    | 305  | 20    | 508  | 22    | 559 |

## Main Valve Specifications

### APPROVED SIZES

- Flanged : 1.5" - 8"
- Grooved : 1.5" - 8" (1.5" - 6" Angle)
- Threaded : 1.5" - 3"

### PRESSURE RATINGS

- 150 class, 250 psi maximum (Ductile Iron)
- 150 class, 285 psi maximum (All other materials)
- 300 class, 300 psi maximum (All materials)

### TEMPERATURE RANGE

- Water : to 180° F. Max

### FLUIDS

- Water

## Materials

### MAIN VALVE BODY & COVER

- Standard Epoxy Coated Ductile Iron ASTM A-536\*

### MAIN VALVE TRIM

- Stainless Steel

### PILOT CONTROL SYSTEM

- Cast Bronze

### RUBBER PARTS

- Buna-N® Synthetic Rubber

### OPTIONAL MATERIALS FOR SEAWATER AND SEVERE SERVICE APPLICATIONS

- |                                                                                                                    |                                                                                                                                   |                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>· Nickel Aluminum Bronze (NAB)<br/><i>ASTM B148 Alloy C95800</i></li> </ul> | <ul style="list-style-type: none"> <li>· Monel-QQ-N-288 Comp B<br/><i>ASTM A494 Grade M30H</i></li> </ul>                         | <ul style="list-style-type: none"> <li>· Cast Steel<br/><i>ASTM A216 Grade WCB</i></li> </ul>                          |
| <ul style="list-style-type: none"> <li>· 316 Stainless Steel<br/><i>ASTM A743 Grades CF3M and CF8M</i></li> </ul>  | <ul style="list-style-type: none"> <li>· Super Austenitic Stainless Steel<br/><i>ASTM A351 Grade CK3MCuN (SMO 254)</i></li> </ul> | <ul style="list-style-type: none"> <li>· Super Duplex Stainless Steel<br/><i>ASTM A890 Grade 5A (CE3MN)</i></li> </ul> |

# Pump Casing Relif Valve

## Specifications

|                                                                                                                                           |                                                                                                      |                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SIZE</b> <ul style="list-style-type: none"><li>· 1/2", 3/4" and 1" Threaded NPT</li></ul>                                              | <b>TEMPERATURE RANGE</b> <ul style="list-style-type: none"><li>· Water, Air: to 180°F Max.</li></ul> | <b>MATERIALS</b> <ul style="list-style-type: none"><li>· Body &amp; Cover : Cast Bronze UNS C87850 - Standard Stainless Steel ASTM A743-CF-16F</li><li>· Monel Super Duplex Stainless Steel</li><li>· Trim : 303 Stainless Steel</li><li>· Monel</li><li>· Rubber : Buna-N® Synthetic Rubber</li></ul> |
| <b>PRESSURE RATINGS</b> <ul style="list-style-type: none"><li>· Cast Bronze 400 psi Max.</li><li>· Stainless Steel 400 psi Max.</li></ul> | <b>OTHER MATERIALS</b> <ul style="list-style-type: none"><li>· Available on special order</li></ul>  | <b>ADJUSTMENT RANGES UL LISTED</b> <ul style="list-style-type: none"><li>· 10 to 75 psi · 20 to 200 psi · 100 to 300 psi</li></ul><br><b>ADJUSTMENT RANGES FM APPROVED</b> <ul style="list-style-type: none"><li>· 0 to 75 psi · 20 to 200 psi · 100 to 300 psi</li></ul>                              |

## Pressure Drop Chart (Full Open Valve)

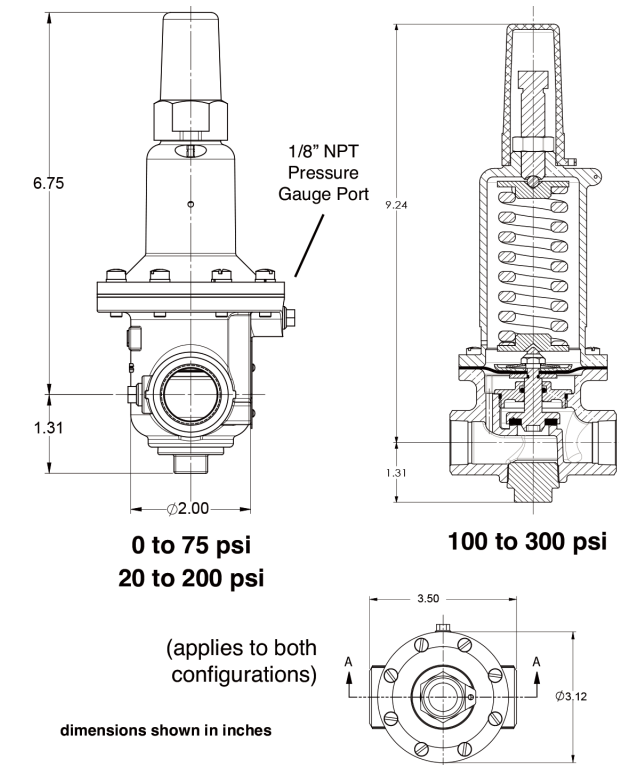
| Valve Size | Cv Factor | Max Flow(GPM) |
|------------|-----------|---------------|
| 1/2"       | 6         | 25            |
| 3/4"       | 8.5       | 40            |
| 1"         | 12.8      | 65            |

## When Ordering, Please Specify

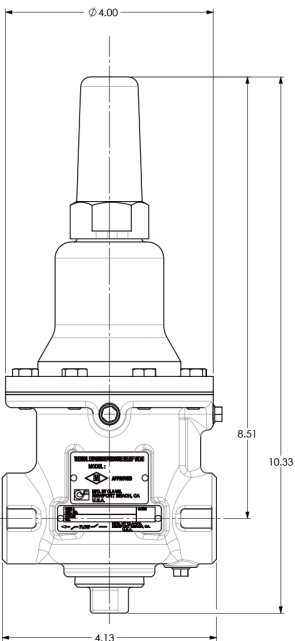
- 1. Catalog No. 55L-60
- 2. Valve Size
- 3. Adjustment Range Desired
- 4. Optional Materials

## Dimensions (1/2" and 3/4")

## Dimensions (1")



Spring Range:  
20-75  
40-200  
100-300



## NMFIRE는

세계 18개국의 상업설비 및 석유화학, 원자력을 포함한 발전소 등 다수의 산업 설비에 소방펌프를 공급한 실적을 보유하고 있으며, 고품질의 제품 및 서비스로 빠른 납기 및 사후관리를 보증합니다.



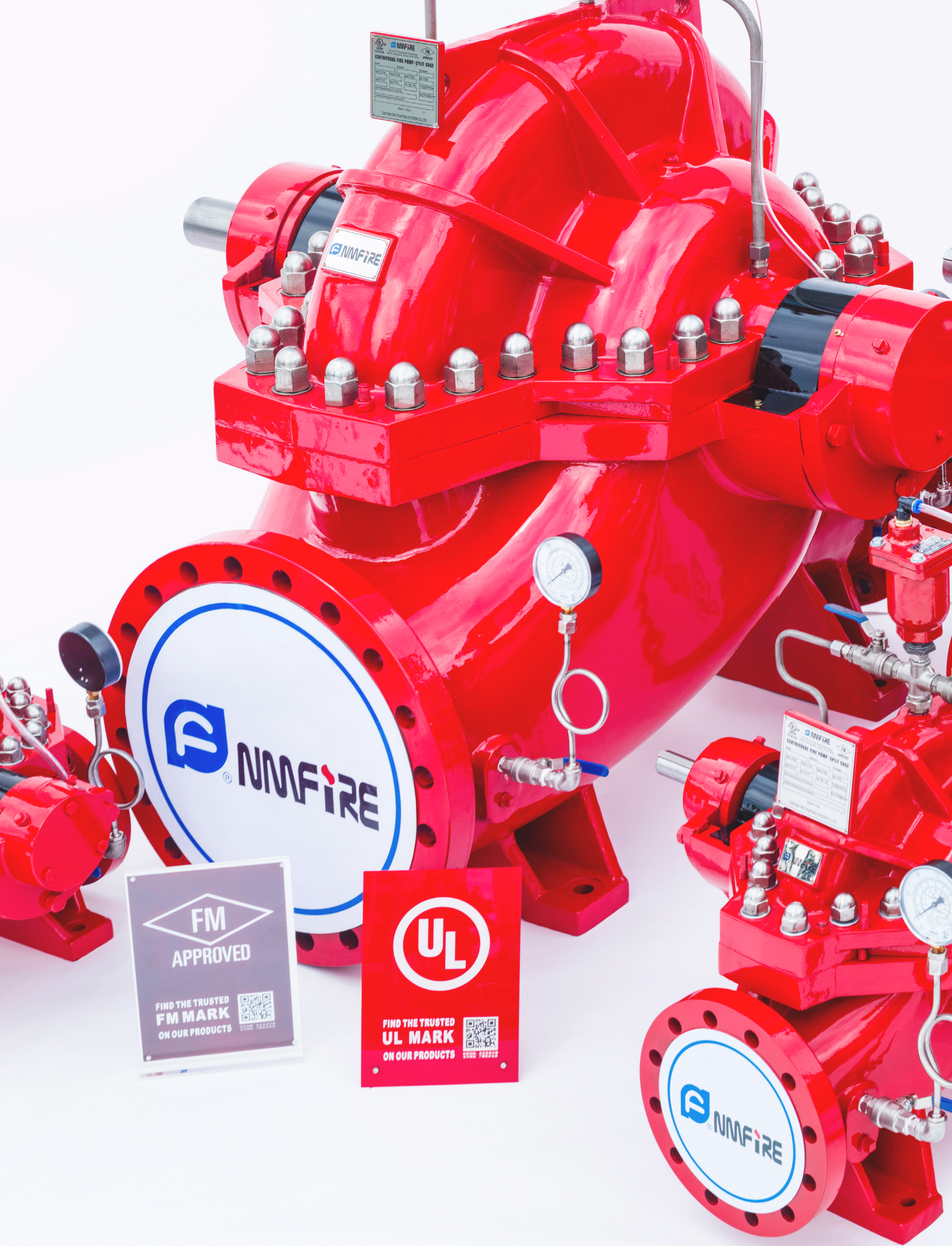
## NMFIRE 거래처





NMFiRE

NO MORE FIRE



NMFire  
CENTRIFUGAL FIRE PUMP - SPIT CASE  
Model: FM-1000  
Capacity: 1000 GPM  
Pressure: 150 PSI  
Voltage: 208-230V  
Frequency: 60 Hz  
Weight: 150 lbs  
Manufacturer: NMFire Inc.

NMFire

NMFire

FM  
APPROVED

FIND THE TRUSTED  
FM MARK  
ON OUR PRODUCTS



UL

FIND THE TRUSTED  
UL MARK  
ON OUR PRODUCTS



NMFire  
CENTRIFUGAL FIRE PUMP - SPIT CASE  
Model: FM-1000  
Capacity: 1000 GPM  
Pressure: 150 PSI  
Voltage: 208-230V  
Frequency: 60 Hz  
Weight: 150 lbs  
Manufacturer: NMFire Inc.

NMFire





**NMFire**  
Protect life, love and history

TO START THE ENGINE:  
1. Ensure the engine is in a safe position.  
2. Check the engine oil level.  
3. Check the engine coolant level.  
4. Check the engine battery level.  
5. Check the engine air filter.  
6. Check the engine belt tension.  
7. Check the engine oil pressure.  
8. Check the engine temperature.  
9. Check the engine vibration.  
10. Check the engine noise.

TO STOP THE ENGINE:  
1. Press the stop button.  
2. Wait for the engine to stop.

**NMFire**

TO START THE ENGINE:  
1. Ensure the engine is in a safe position.  
2. Check the engine oil level.  
3. Check the engine coolant level.  
4. Check the engine battery level.  
5. Check the engine air filter.  
6. Check the engine belt tension.  
7. Check the engine oil pressure.  
8. Check the engine temperature.  
9. Check the engine vibration.  
10. Check the engine noise.

TO STOP THE ENGINE:  
1. Press the stop button.  
2. Wait for the engine to stop.

**NMFire**

TO START THE ENGINE:  
1. Ensure the engine is in a safe position.  
2. Check the engine oil level.  
3. Check the engine coolant level.  
4. Check the engine battery level.  
5. Check the engine air filter.  
6. Check the engine belt tension.  
7. Check the engine oil pressure.  
8. Check the engine temperature.  
9. Check the engine vibration.  
10. Check the engine noise.

TO STOP THE ENGINE:  
1. Press the stop button.  
2. Wait for the engine to stop.

**NMFire**  
Protect life, love and history

QR CODE

**UL**

FIND THE TRUSTED  
**UL MARK**  
ON OUR PRODUCTS

QR CODE

**FM**  
APPROVED

FIND THE TRUSTED  
**FM MARK**  
ON OUR PRODUCTS

QR CODE

**NMFire**

TO START THE ENGINE:  
1. Ensure the engine is in a safe position.  
2. Check the engine oil level.  
3. Check the engine coolant level.  
4. Check the engine battery level.  
5. Check the engine air filter.  
6. Check the engine belt tension.  
7. Check the engine oil pressure.  
8. Check the engine temperature.  
9. Check the engine vibration.  
10. Check the engine noise.

TO STOP THE ENGINE:  
1. Press the stop button.  
2. Wait for the engine to stop.