

60Hz

소방전용 펌프 종합 카탈로그

소방전용 입형다단 원심펌프 XRF Series

소방 패키지 시스템 FS(T) Series

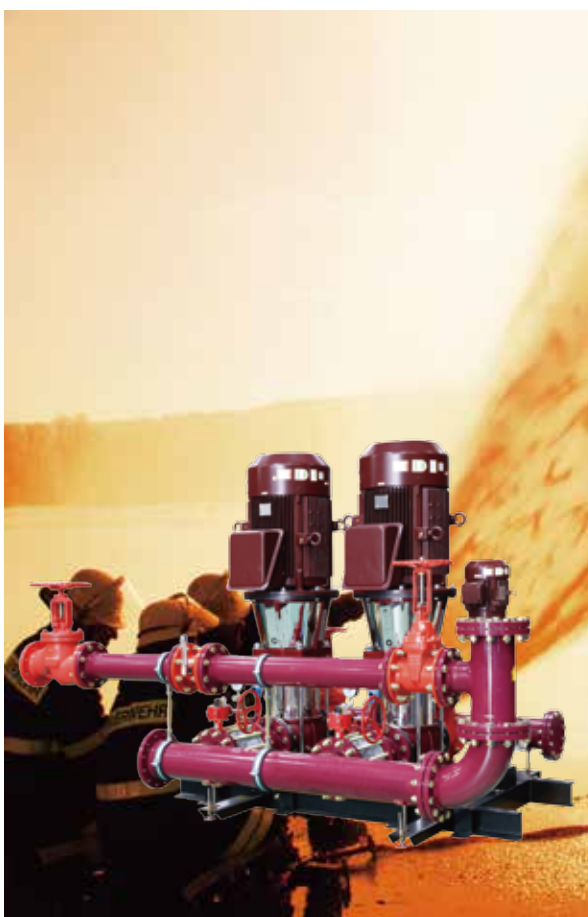
입형다단 엔진펌프 XRFE Series

소방 엔진 패키지 시스템 FSTE Series

화재안전기준
최적화 제품
(NFPC & NFTC)

주요 구성품
비철금속 적용
(스테인리스 스틸)

OSC
기반시스템
(Off-Site-Construction)



소방펌프의 선정기준

▶ 소방법 규정

소방펌프의 성능은 물의 과도한 압력 상승으로 인해 배관에 무리를 주지 않도록 소방펌프의 **체절 압력이 정격 토출압력의 140%**를 초과하지 아니하고, 여러개의 소화전을 동시다발적으로 사용하여 방수량이 증가한다 해도 수압이 감소하여 화재 진압을 실패하면 안 되므로 **정격 토출량의 150%로 운전 시의 압력이 정격 토출압력의 65% 이상**이 되어야 한다고 규정되어 있습니다 .

▶ 화재안전기준(NFPC & NFTC)에 따른 펌프 재질사용

화재안전성능기준(NFPC), 소방청고시 제 2024-19호

- 가압송수장치는 부식 등으로 인한 펌프의 고착을 방지할 수 있도록 부식에 강한재질을 사용할 것

화재안전기술기준(NFTC), 국립소방연구원공고 제2024-41호

- 가압송수장치는 부식 등으로 인한 펌프의 고착을 방지할 수 있도록 다음의 기준에 적합한 것으로 할 것. 다만, 충압펌프는 제외한다.

1. 임펠러는 청동 또는 스테인리스 등 부식에 강한 재질을 사용할 것
2. 펌프축은 스테인리스 등 부식에 강한 재질을 사용할 것

▶ 화재안전기준(NFPC & NFTC) 규제의 필요성(규제영향분석서)

1)추진 배경 및 정부개입 필요성

스프링클러설비의 가압송수장치인 소방펌프의 부식으로 인한 고착을 방지하기 위해 펌프의 재질 기준 신설이 필요

2)규제 목표

건축물에 설치된 스프링클러설비의 가압송수장치인 소방펌프 부식을 방지할 수 있는 재질 기준을 정하여 화재 발생 시 신속한 진압으로 다수의 인명피해 예방 및 연소확대 방지

3)규제 내용

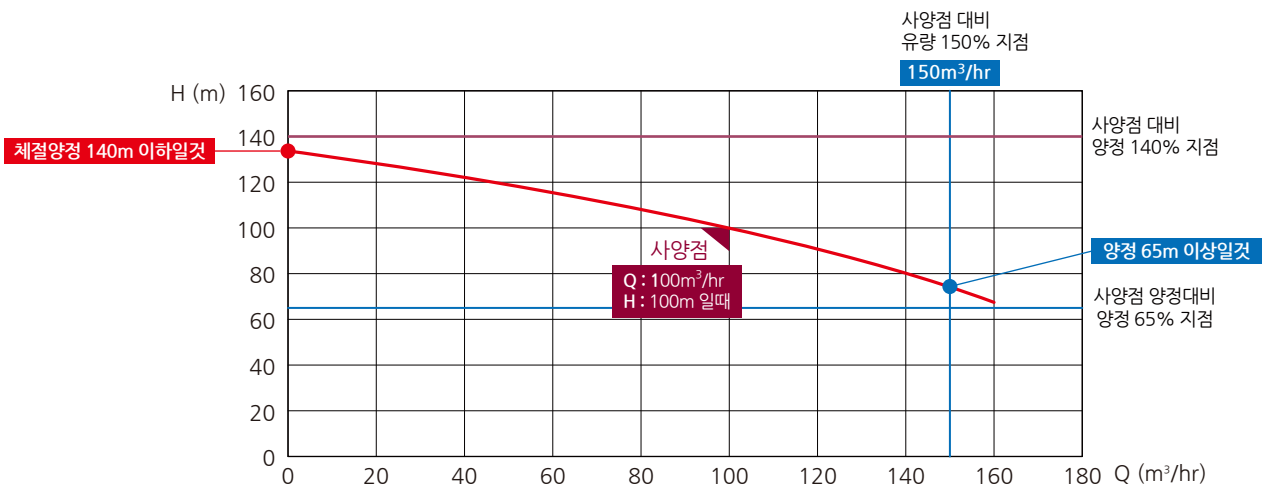
가압송수장치의 주펌프는 부식 등으로 인한 펌프의 고착을 방지할 수 있도록 임펠러는 청동 또는 스테인리스 등으로, 펌프 축은 스테인리스 등 부식에 강한 재질을 사용하도록 해당 규정 신설

***화재예방, 소방시설 설치·유지 및 안전관리에 관한 법률 <대통령령 제 30704호, 시행일 : 2020. 6. 9.>**

제53조 (과태료) ① 다음 각 호의 어느 하나에 해당하는 자에게는 300만원 이하의 과태료를 부과한다. <신설 2016. 1. 27., 2020. 6. 9.>

1. 제9조제1항 전단의 화재안전기준을 위반하여 소방시설을 설치 또는 유지·관리한 자

▶ 소방펌프 선정기준



Key Point

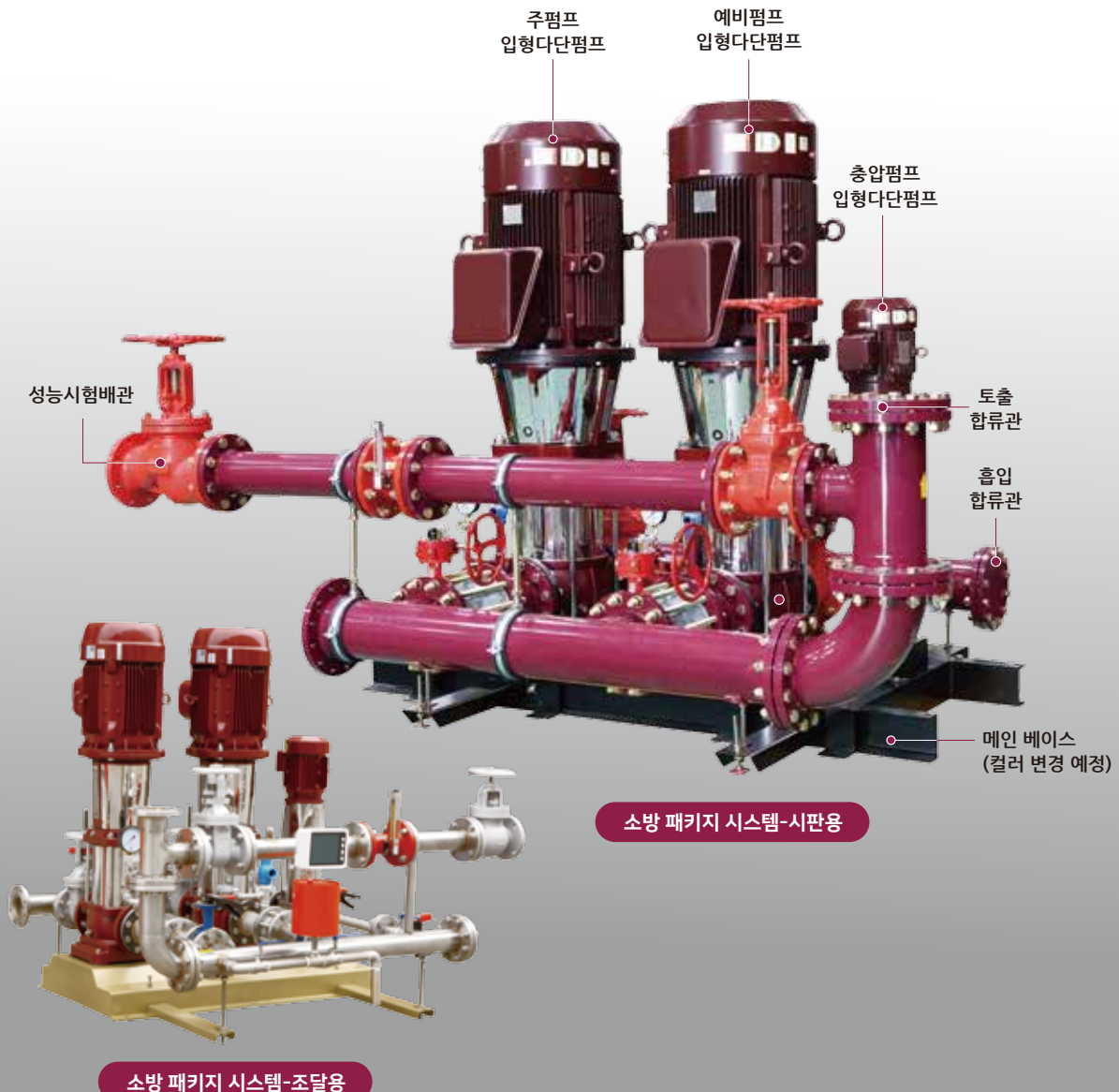
1. 사양점의 유량과 양정을 만족할 것.
2. 체절양정은 사양점 양정의 140% 이하일 것.
3. 사양점 유량 150% 지점에서의 양정은 사양점 양정대비 65% 이상일 것.

OSC 공법기반 소방 패키지 시스템

▶ 특징점

1. **OSC 공법**에 최적화 된 소방 패키지 시스템
2. **소방 주펌프와 예비펌프, 충압펌프가 하나의 시스템**으로 이루어져 흡·토출 합류관, 성능시험배관, 밸브, 내진베이스 등이 일체형으로 이루어진 차세대 시스템입니다.
3. 각 펌프는 부식 및 고착에 강한 스테인리스 재질의 입형다단 원심펌프가 적용되어 뛰어난 시스템 안정성을 보장합니다.
4. 각 펌프가 하나의 시스템으로 이루어져 설치 공정이 쉬우며, 배관 설비가 간단하여 빠른 설치가 가능합니다.
5. 소방 시스템별 내진설계 적용으로 별도의 방진가대 및 내진스토퍼가 필요하지 않습니다. (구조 검토서 제공)

▶ 3FS(T)(P) XRF 10~255 SERIES



※ 본 카탈로그의 내용과 제품의 공급 범위는 제품의 품질향상을 위하여 예고없이 변경될 수 있습니다.
※ 소방전용 컨트롤러 내장된 모니터링 패널은 추후 공급예정입니다.

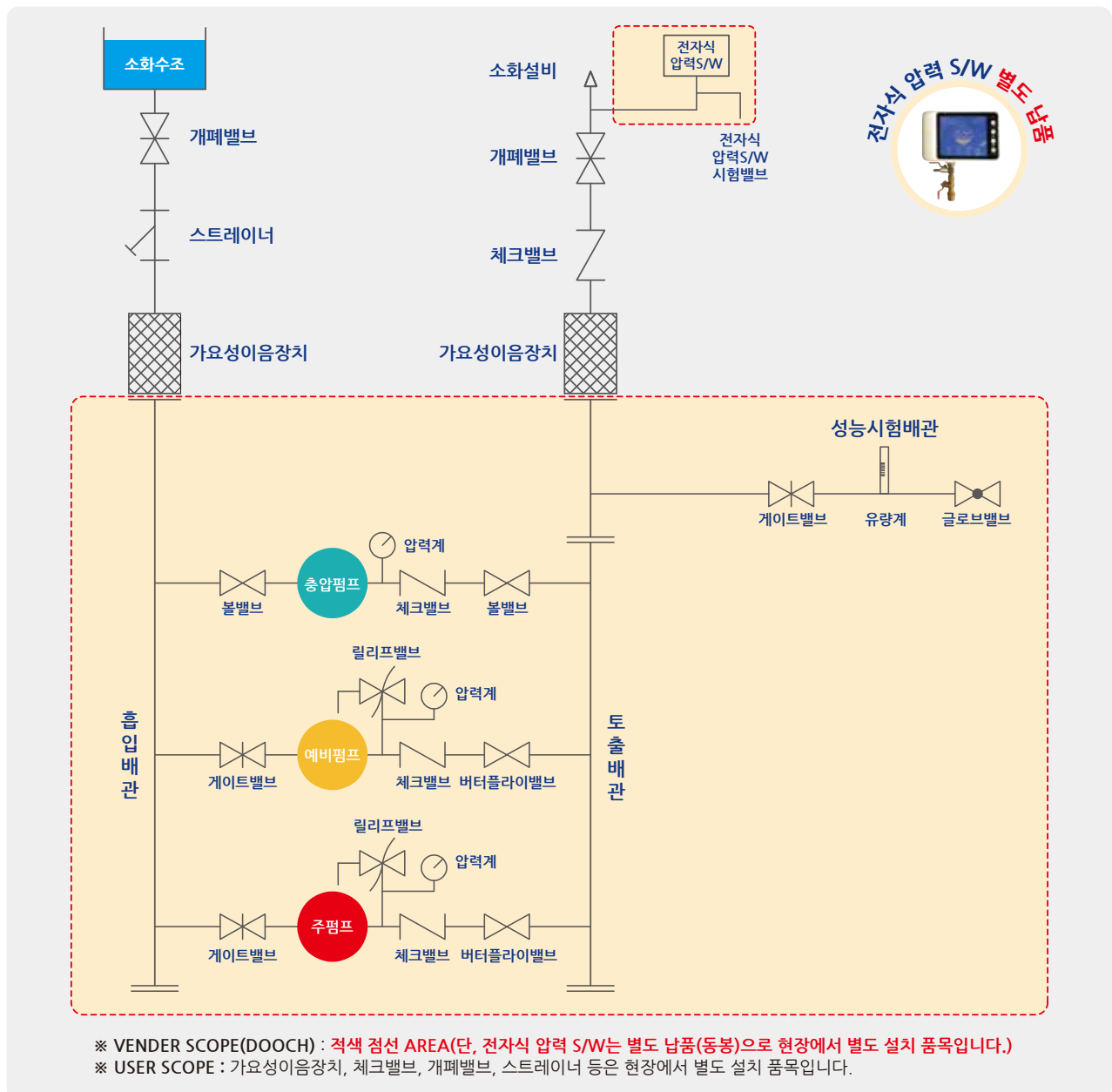
▶ 표시형식

3 FS T P - XRF 155-2(55kW) - 150A - XRF 5-12(3.7kW)

① ② ③ ④ ⑤ ⑥ ⑦

- ① 총 펌프 대수 3 : 주펌프 1대 + 예비펌프 1대 + 충압펌프 1대
- ② 모델명 : 소방 패키지 시스템
- ③ T표기 : 비조달용 제품 / T미표기 : 조달용 제품
- ④ P표기 : 소방전용 컨트롤러 내장된 모니터링 패널 적용(후후 공급예정) / P미표기 : 패널 미적용
- ⑤ 주펌프, 예비펌프 모델명(모터동력)
- ⑥ 메인 흡·토출 배관 구경
- ⑦ 충압펌프 모델명(모터동력)

▶ 계통도와 공급 범위



OSC (OFF-SITE-CONSTRUCTION) 공법

▶ OSC 공법이란?

달현장생산시스템 (Off-Site-Construction)을 뜻하는 말로 기존의 현장 생산 시스템에서 벗어나 생산 시스템의 다변화를 통해 산업의 효율성을 극대화시키는 공법으로 건설산업 생산성 혁신을 위한 대표적 기술로 글로벌 건설산업 분야에서 각광받고 있습니다.

OSC 공법은 현장에서 모든 공사가 이루어지는 기존의 건축방식을 탈피한 방식으로 현장과 공장에서 동시에 공정이 진행되며, 공장에서 생산된 모듈을 현장에서 조립하는 방식으로 현장에서 기초공사가 진행되는 동안 **건축물의 70~80%를 공장에서 제작**합니다.

또한 날씨나 선/후 공정의 지연등에 영향을 받지 않고 현장에서는 간단한 조립과정만 거치기 때문에 용접, 절단 작업등 **안전사고의 우려가 있는 공정을 최소화**할 수 있습니다. 현장의 작업이 감소하는 만큼 **기존 방식의 40%의 폐기물 발생량이 5%까지 감소**합니다.

▶ OSC 도입 배경

배 경

- 기능 인력의 고령화
- 외국인 근로자의 증가
- 저숙련 근로자의 증가
- 52시간 근무제 도입 등 노무관리 문제 부각

문제점

- 전반적인 품질의 저하
- 안전 사고의 증가
- 공사 기간의 증가
- 현장 관리 비용의 증가

OSC 공법 도입

- 전문 인력 제작으로 품질 안정
- 위험 작업 감소로 안전사고 예방
- 사전 제작으로 공사 기간 단축
- 전체 공사비 절감
- 폐기물 감소

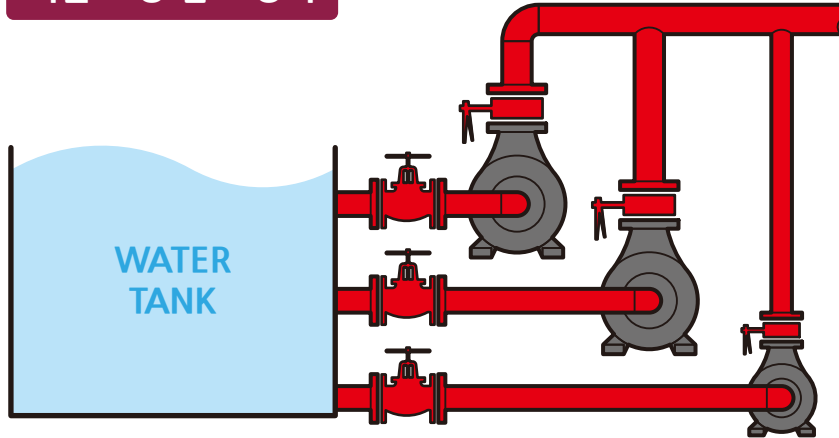
▶ 공법별 공사기간 비교



OSC 방식의 공법으로 진행 할 경우 공사기간 50~60여일 단축됩니다.

▶ 왜 두크의 소방 패키지 시스템은 OSC 공법에 준하여 제작했는가?

기존 소방 펌프 방식



주펌프, 예비펌프, 충압펌프가 분리되어 있어 각 펌프마다 개별 배관 설비 및 부자재 필요.

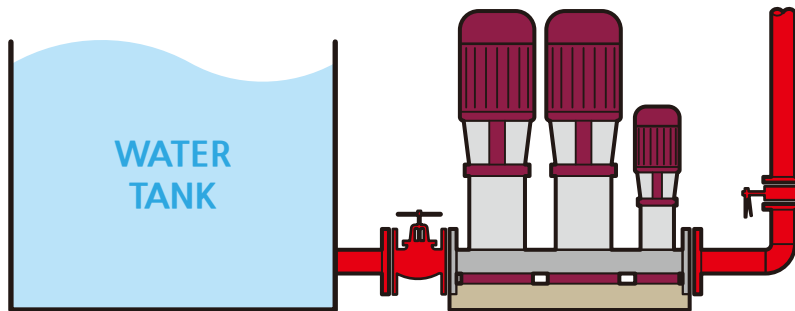
복잡한 배관 설비로 인해 오랜 시공기간 필요.

인건비, 부자재, 폐기물 처리 비용으로 높은 공사 비용 발생.

절단 및 용접작업 등 위험공정으로 안전사고 발생 위험 높음.

설치 면적이 넓어 공간 활용에 제약.

두크 OSC 기반 소방 패키지 방식



주펌프, 예비펌프, 충압펌프가 하나의 시스템으로 구성되어 배관 설비가 간편.

단순한 배관 설비로 공사기간 현저히 단축.

인건비, 부자재, 폐기물 절감으로 공사비 절감.

단순 볼팅작업만으로 설치 가능하여 안전사고 발생 위험 저감.

적은 설치면적(기존대비 약 50% 절감)으로 공간 활용도 증가

▶ 기존 소방 펌프와 두크 소방 패키지 시스템 비교

항 목	OSC 공법 적용 두크 소방 패키지 시스템	기존 공법 소방 펌프	비 교
공사기간 단축	당일 설치 가능	10일 이상 소요	9일 이상 감소
공사비용 절감	2인 1일 작업 단순 볼팅 작업만으로 설치	4인 10일 작업 현장 배관작업에 따른 자재낭비	평균 1,000만원 감소 (안전 관리 인원 인건비용 별도)
폐기물 저감	폐기물 없음	폐자재, 용접 부산물 등 각종 폐기물 발생	40% → 5%로 감소
안전사고 예방	위험 공정이 없음	용접, 절단 작업 등 고위험 공정	안전사고 발생 확률 낮음
공간 활용	설치공간 감소	넓은 설치공간 필요	설치공간 50% 이상 감소

소방 패키지 시스템은 제작부터 반입까지 모든것이 특별합니다!

OSC 공법에 최적화된 소방 패키지 시스템에 인양 구조물을 적용하여 더 신속하고 안전하게 현장에 반입 시킬 수 있습니다.



반입 설치 후
철거용이



신속하고
안전하게 반입



45번 시리즈부터
전모델 적용가능



고층 빌딩,
공장 반입 가능



※ 반입을 위한 인양 구조물 적용은 옵션 사항입니다.

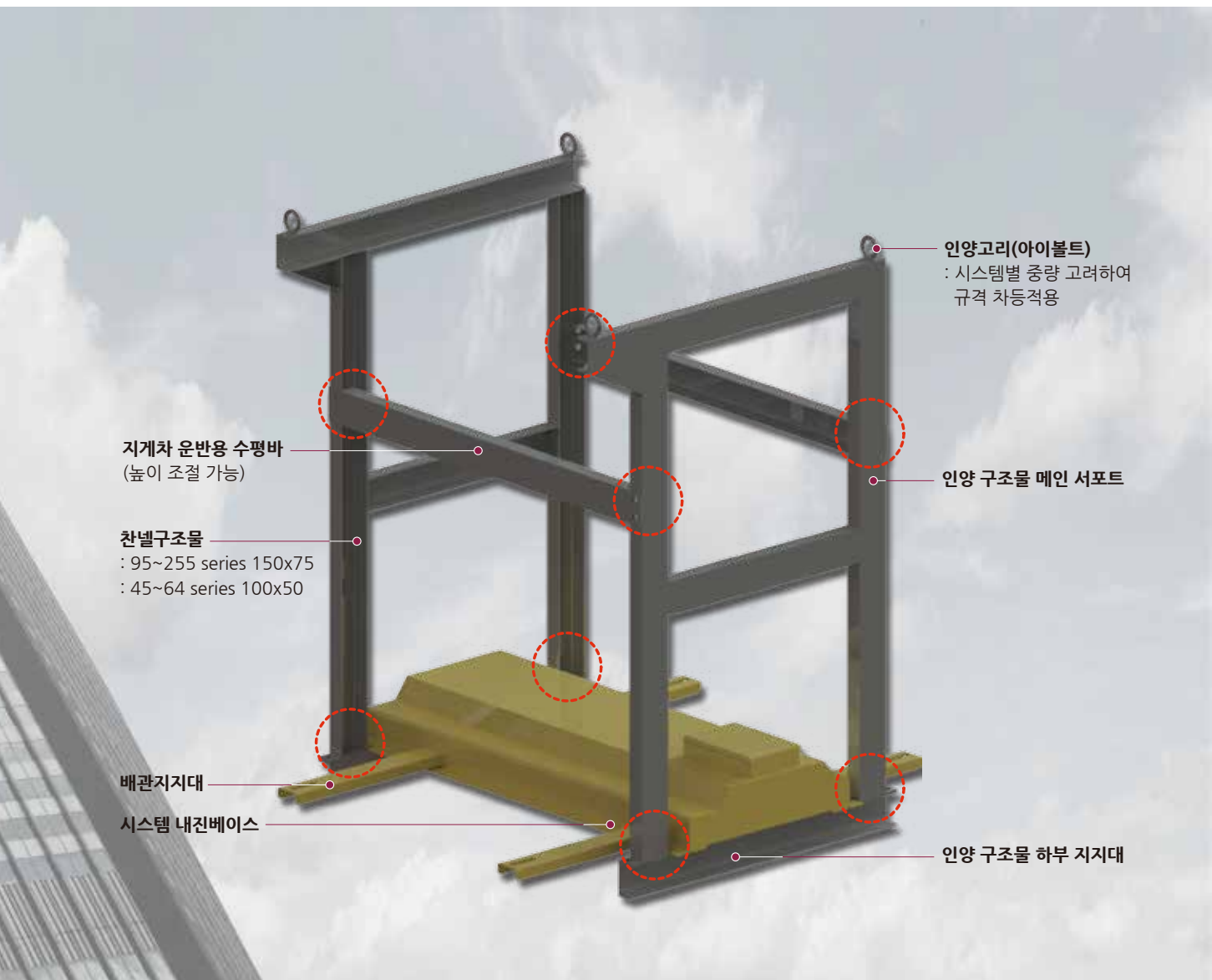
▶ 소방 패키지 시스템 & 인양 구조물 전체 중량

시리즈	시스템 중량 (Kg)	구조물 중량 (Kg)	합계 중량 (Kg)	인양고리 (아이볼트)	
				규격 x 수량	허용중량 (Kgf)
3FS(T)(P)-XRF45	1340	175	1515	M24 x 4	1900
3FS(T)(P)-XRF64	1398	175	1573	M24 x 4	1900
3FS(T)(P)-XRF95	2050	160	2210	M30 x 4	3000
3FS(T)(P)-XRF125	2624	190	2814	M30 x 4	3000
3FS(T)(P)-XRF155	3066	190	3256	M30 x 4	3000
3FS(T)(P)-XRF185	3840	230	4070	M36 x 4	4600
3FS(T)(P)-XRF215	4100	230	4330	M36 x 4	4600
3FS(T)(P)-XRF255	5350	230	5580	M36 x 4	4600

※인양고리 허용중량은 45° 매달기 기준입니다.

※시스템 중량은 염가형 효성모터 및 스테인리스 배관 적용 기준입니다.

▶ 인양 구조물 구성



※점선으로 표시된 부위는 볼트로 체결되는 부분입니다.

소방 패키지 시스템 - 소방 선정표

FS(T) SERIES

H (m)	140%	3FS-XRF10(7.8~10.2m³/hr)			3FS-XRF15 (15.6~18m³/hr)	3FS-XRF20 (18~22.8m³/hr)	3FS-XRF32 (21~31.2m³/hr)
	65%						
215	301 139.8	3FST-XRF10-17/5-24-40A 11/1.5	3FST-XRF10-17/5-24-40A 11/1.5	3FST-XRF10-17/5-24-40A 11/1.5	3FST-XRF15-12/5-24-50A 18.5/5.5	3FST-XRF15-12/5-24-50A 18.5/5.5	3FST-XRF32-9/5-24-65A 30/5.5
210	294 136.5						
205	287 133.3						3FST-XRF32-8/5-24-65A 22/5.5
200	280 130						
195	273 126.8	3FST-XRF10-14/5-24-40A 11/5.5					
190	266 123.5		3FST-XRF10-14/5-24-40A 11/5.5				3FST-XRF20-10/5-24-50A 18.5/5.5
185	259 120.3				3FST-XRF15-10/5-24-50A 15/5.5		
180	252 117	3FST-XRF10-14/5-20-40A 11/5.5	3FST-XRF10-14/5-20-40A 11/5.5	3FST-XRF10-14/5-20-40A 11/5.5	3FST-XRF15-10/5-20-50A 15/5.5	3FST-XRF15-10/5-20-50A 15/5.5	3FST-XRF20-10/5-20-50A 18.5/5.5
175	245 113.8						
170	238 110.5	3FST-XRF10-12/5-20-40A 7.5/5.5	3FST-XRF10-12/5-20-40A 7.5/5.5				3FST-XRF20-9/5-20-50A 15/5.5
165	231 107.3						
160	224 104				3FST-XRF15-9/5-20-50A 11/5.5		
155	217 100.8			3FST-XRF10-12/5-20-40A 7.5/5.5		3FST-XRF15-9/5-20-50A 11/5.5	
150	210 97.5						3FST-XRF20-8/5-20-50A 15/5.5
145	203 94.3						
140	196 91	3FST-XRF10-10/5-16-40A 5.5/3.7	3FST-XRF10-12/5-16-40A 7.5/3.7	3FST-XRF10-12/5-16-40A 7.5/3.7	3FST-XRF15-9/5-16-50A 11/3.7	3FST-XRF15-9/5-16-50A 11/3.7	3FST-XRF20-8/5-16-50A 15/3.7
135	189 87.8		3FST-XRF10-10/5-16-40A 5.5/3.7		3FST-XRF15-8/5-16-50A 11/3.7	3FST-XRF15-8/5-16-50A 11/3.7	
130	182 84.5			3FST-XRF10-10/5-16-40A 5.5/3.7			3FST-XRF20-7/5-16-50A 15/3.7
125	175 81.3	3FST-XRF10-9/5-16-40A 5.5/3.7	3FST-XRF10-9/5-16-40A 5.5/3.7				
120	168 78	3FST-XRF10-9/5-14-40A 5.5/3.7	3FST-XRF10-9/5-14-40A 5.5/3.7	3FST-XRF10-10/5-14-40A 5.5/3.7	3FST-XRF15-8/5-14-50A 11/3.7	3FST-XRF15-8/5-14-50A 11/3.7	3FST-XRF20-7/5-14-50A 15/3.7
115	161 74.8	3FST-XRF10-8/5-14-40A 5.5/3.7		3FST-XRF10-9/5-14-40A 5.5/3.7	3FST-XRF15-7/5-14-50A 11/3.7	3FST-XRF15-7/5-14-50A 11/3.7	
110	154 71.5		3FST-XRF10-8/5-14-40A 5.5/3.7				3FST-XRF20-6/5-14-50A 11/3.7
105	147 68.3			3FST-XRF10-8/5-14-40A 5.5/3.7	3FST-XRF15-6/5-14-50A 7.5/3.7		
100	140 65	3FST-XRF10-8/5-12-40A 5.5/3.7	3FST-XRF10-8/5-12-40A 5.5/3.7	3FST-XRF10-8/5-12-40A 5.5/3.7	3FST-XRF15-6A/5-12-50A 7.5/3.7	3FST-XRF15-6/5-14-50A 7.5/3.7	3FST-XRF20-6/5-12-50A 11/3.7
95	133 61.8	3FST-XRF10-7/5-12-40A 5.5/3.7				3FST-XRF15-6A/5-12-50A 7.5/3.7	
90	126 58.5		3FST-XRF10-7/5-12-40A 5.5/3.7		3FST-XRF15-5/5-12-50A 7.5/3.7		3FST-XRF20-5/5-12-50A 11/3.7
85	119 55.3	3FST-XRF10-6/5-12-40A 3.7/3.7		3FST-XRF10-7/5-12-40A 5.5/3.7		3FST-XRF15-5/5-12-50A 7.5/3.7	
80	112 52		3FST-XRF10-6/5-12-40A 3.7/3.7				
75	105 48.8			3FST-XRF10-6/5-12-40A 3.7/3.7			3FST-XRF20-4/5-12-50A 7.5/3.7
70	98 45.5	3FST-XRF10-5/5-9-40A 3.7/2.2	3FST-XRF10-6/5-9-40A 3.7/2.2	3FST-XRF10-6/5-9-40A 3.7/2.2	3FST-XRF15-4/5-9-50A 5.5/2.2	3FST-XRF20-4A/5-9-50A 7.5/2.2	3FST-XRF20-4/5-9-50A 7.5/2.2
65	91 42.3		3FST-XRF10-5/5-9-40A 3.7/2.2	3FST-XRF10-5/5-9-40A 3.7/2.2		3FST-XRF15-4/5-9-50A 5.5/2.2	3FST-XRF20-4A/5-9-50A 7.5/2.2
60	84 39				3FST-XRF15-4A/5-9-50A 5.5/2.2	3FST-XRF15-4A/5-9-50A 5.5/2.2	3FST-XRF20-4B/5-9-50A 7.5/2.2
55	77 35.8	3FST-XRF10-4/5-9-40A 2.2/2.2					3FST-XRF20-3/5-9-50A 5.5/2.2
50	70 32.5	3FST-XRF10-4/5-7-40A 2.2/1.5	3FST-XRF10-4/5-7-40A 2.2/1.5	3FST-XRF10-4/5-7-40A 2.2/1.5	3FST-XRF15-3/5-7-50A 3.7/1.5	3FST-XRF15-3/5-7-50A 3.7/1.5	3FST-XRF20-3A/5-7-50A 5.5/1.5
45	63 29.3						
40	56 26	3FST-XRF10-3/5-6-40A 2.2/1.5	3FST-XRF10-3/5-6-40A 2.2/1.5	3FST-XRF10-3/5-6-40A 2.2/1.5	3FST-XRF15-3A/5-6-50A 3.7/1.5	3FST-XRF15-3A/5-6-50A 3.7/1.5	3FST-XRF32-2-2/5-6-65A 5.5/1.5
35	49 22.8	3FST-XRF10-3A/5-6-40A 1.5/1.5	3FST-XRF10-3A/5-6-40A 1.5/1.5		3FST-XRF15-2/5-6-50A 3.7/1.5	3FST-XRF15-2/5-6-50A 3.7/1.5	3FST-XRF20-2/5-6-50A 3.7/1.5
30	42 19.5	3FST-XRF10-3A/5-5-40A 1.5/1.5	3FST-XRF10-3A/5-5-40A 1.5/1.5	3FST-XRF10-3A/5-5-40A 1.5/1.5	3FST-XRF15-2/5-5-50A 3.7/1.5	3FST-XRF15-2/5-5-50A 3.7/1.5	3FST-XRF32-2-2A/5-5-65A 3.7/1.5
Q (m³/min)	100%	0.13	0.15	0.17	0.26	0.3	0.35
	150%	0.195	0.225	0.255	0.39	0.45	0.525

※ 선정표 확인 방법

- 1) H는 양정(m)이며, Q는 유량(m³/min)입니다. 2) 양정의 상단은 정격양정의 140%, 하단은 65%입니다. 3) 표안의 내용 표기는
4) FST 모델은 **탄소강(일반강재) 배관**, FS 모델은 **STS 배관**이 적용된 모델입니다.

주(예비)펌프 모델/총압펌프 모델-토출배관구경
주(예비)펌프 동력(kW)/총압펌프 동력(kW)입니다.

소방 패키지 시스템 - 소방 선정표

FS(T) SERIES



3FS-XRF32(21~31.2m³/hr)						140%	H (m)
3FS-XRF45(27~48m³/hr)			3FS-XRF64			65%	
3FST-XRF32-9/5-24-65A 30/5.5	3FST-XRF32-9/5-24-65A 30/5.5	3FST-XRF32-9/5-24-65A 30/5.5	3FST-XRF32-9/5-24-65A 30/5.5	3FST-XRF32-9/5-24-65A 30/5.5	3FST-XRF45-7/5-24-80A 37/5.5	301 139.8	215
						294 136.5	210
3FST-XRF32-8/5-24-65A 22/5.5	3FST-XRF32-8/5-24-65A 22/5.5	3FST-XRF32-8/5-24-65A 22/5.5			3FST-XRF45-6/5-24-80A 37/5.5	287 133.3	205
			3FST-XRF32-8/5-24-65A 22/5.5			280 130	200
						273 126.8	195
				3FST-XRF32-8/5-24-65A 22/5.5	3FST-XRF45-6-3/5-24-80A 30/5.5	266 123.5	190
3FST-XRF20-10/5-24-50A 18.5/5.5						259 120.3	185
3FST-XRF20-10/5-20-50A 18.5/5.5	3FST-XRF32-7/5-20-65A 18.5/5.5	3FST-XRF32-7/5-20-65A 18.5/5.5	3FST-XRF32-8/5-20-65A 22/5.5	3FST-XRF32-8/5-20-65A 22/5.5	3FST-XRF45-6-3/5-20-80A 30/5.5	252 117	180
			3FST-XRF32-7/5-20-65A 18.5/5.5			245 113.8	175
	3FST-XRF32-7-2/5-20-65A 18.5/5.5	3FST-XRF32-7-2/5-20-65A 18.5/5.5		3FST-XRF32-8-2/5-20-65A 22/5.5	3FST-XRF45-5/5-20-80A 30/5.5	238 110.5	170
3FST-XRF20-9/5-20-50A 15/5.5			3FST-XRF32-7-2/5-20-65A 18.5/5.5	3FST-XRF32-7/5-20-65A 22/5.5		231 107.3	165
					3FST-XRF45-5-2/5-20-80A 30/5.5	224 104	160
	3FST-XRF32-6/5-20-65A 18.5/5.5			3FST-XRF32-7-2/5-20-65A 18.5/5.5		217 100.8	155
		3FST-XRF32-6/5-20-65A 18.5/5.5	3FST-XRF32-6/5-20-65A 18.5/5.5		3FST-XRF45-5-3/5-20-80A 30/5.5	210 97.5	150
3FST-XRF20-8/5-20-50A 15/5.5	3FST-XRF32-6-1/5-20-65A 15/5.5	3FST-XRF32-6-1/5-20-65A 15/5.5				203 94.3	145
3FST-XRF20-8/5-16-50A 15/3.7	3FST-XRF32-6-2/5-16-65A 15/3.7	3FST-XRF32-6-2/5-16-65A 15/3.7	3FST-XRF32-6-1/5-16-65A 15/3.7	3FST-XRF32-6/5-16-65A 18.5/3.7	3FST-XRF45-5-3/5-16-80A 30/3.7	196 91	140
			3FST-XRF32-6-2/5-16-65A 15/3.7		3FST-XRF45-4/5-16-80A 22/3.7	189 87.8	135
				3FST-XRF32-6-2/5-16-65A 15/3.7		182 84.5	130
3FST-XRF20-7/5-16-50A 15/3.7	3FST-XRF32-5/5-16-65A 15/3.7	3FST-XRF32-5/5-16-65A 15/3.7			3FST-XRF45-4-3/5-16-80A 18.5/3.7	175 81.3	125
3FST-XRF20-7/5-14-50A 15/3.7	3FST-XRF32-5/5-14-65A 15/3.7	3FST-XRF32-5/5-14-65A 15/3.7	3FST-XRF32-5/5-14-65A 15/3.7	3FST-XRF32-5/5-14-65A 15/3.7	3FST-XRF45-4-3/5-14-80A 18.5/3.7	168 78	120
						161 74.8	115
	3FST-XRF32-5-2/5-14-65A 15/3.7	3FST-XRF32-5-2/5-14-65A 15/3.7	3FST-XRF32-5-2/5-14-65A 15/3.7			154 71.5	110
3FST-XRF20-6/5-14-50A 11/3.7				3FST-XRF32-5-2/5-14-65A 15/3.7		147 68.3	105
3FST-XRF20-6/5-12-50A 11/3.7	3FST-XRF32-4/5-12-65A 11/3.7	3FST-XRF32-4/5-12-65A 11/3.7	3FST-XRF32-4/5-12-65A 11/3.7	3FST-XRF32-5-2/5-12-65A 15/3.7	3FST-XRF45-3/5-12-80A 18.5/3.7	140 65	100
				3FST-XRF32-4/5-12-65A 11/3.7	3FST-XRF45-3-1/5-12-80A 15/3.7	133 61.8	95
3FST-XRF20-5/5-12-50A 11/3.7	3FST-XRF32-4-2/5-12-65A 11/3.7	3FST-XRF32-4-2/5-12-65A 11/3.7			3FST-XRF45-3-2/5-12-80A 15/3.7	126 58.5	90
			3FST-XRF32-4-2/5-12-65A 11/3.7	3FST-XRF32-4-1/5-12-65A 11/3.7		119 55.3	85
				3FST-XRF32-4-2/5-12-65A 11/3.7	3FST-XRF45-3-3A/5-12-80A 15/3.7	112 52	80
3FST-XRF20-4/5-12-50A 7.5/3.7	3FST-XRF32-3-1/5-12-65A 7.5/3.7	3FST-XRF32-3/5-12-65A 11/3.7				105 48.8	75
3FST-XRF20-4/5-9-50A 7.5/2.2	3FST-XRF32-3-1/5-9-65A 7.5/2.2	3FST-XRF32-3-1/5-9-65A 7.5/2.2	3FST-XRF32-3/5-9-65A 11/2.2	3FST-XRF32-3/5-9-65A 11/2.2	3FST-XRF45-3-3A/5-9-80A 15/2.2	98 45.5	70
3FST-XRF20-4A/5-9-50A 7.5/2.2	3FST-XRF32-3-2/5-9-65A 7.5/2.2	3FST-XRF32-3-2/5-9-65A 7.5/2.2	3FST-XRF32-3-2/5-9-65A 7.5/2.2		3FST-XRF45-2/5-9-80A 11/2.2	91 42.3	65
3FST-XRF20-4B/5-9-50A 7.5/2.2	3FST-XRF32-3-3/5-9-65A 7.5/2.2	3FST-XRF32-3-3/5-9-65A 7.5/2.2	3FST-XRF32-3-3/5-9-65A 7.5/2.2	3FST-XRF32-3-2/5-9-65A 7.5/2.2		84 39	60
3FST-XRF20-3/5-9-50A 5.5/2.2				3FST-XRF32-3-3/5-9-65A 7.5/2.2	3FST-XRF45-2-2/5-9-80A 11/2.2	77 35.8	55
3FST-XRF20-3/5-7-50A 5.5/1.5	3FST-XRF32-2/5-7-65A 5.5/1.5	3FST-XRF32-2/5-7-65A 5.5/1.5	3FST-XRF45-2-2A/5-7-80A 7.5/1.5	3FST-XRF45-2-2A/5-7-80A 7.5/1.5	3FST-XRF45-2-2A/5-7-80A 7.5/1.5	70 32.5	50
3FST-XRF20-3A/5-7-50A 5.5/1.5			3FST-XRF32-2/5-7-65A 5.5/1.5	3FST-XRF45-2-2C/5-7-80A 7.5/1.5	3FST-XRF45-2-2C/5-7-80A 7.5/1.5	63 29.3	45
3FST-XRF32-2-1/5-6-65A 5.5/1.5	3FST-XRF32-2-1/5-6-65A 5.5/1.5	3FST-XRF32-2-1/5-6-65A 5.5/1.5	3FST-XRF32-2-1/5-6-65A 5.5/1.5	3FST-XRF45-2-2C/5-6-80A 7.5/1.5		56 26	40
3FST-XRF32-2-2A/5-6-65A 3.7/1.5	3FST-XRF32-2-2A/5-6-65A 5.5/1.5	3FST-XRF32-2-2A/5-6-65A 5.5/1.5	3FST-XRF45-1/5-6-80A 5.5/1.5	3FST-XRF45-1/5-6-80A 5.5/1.5	3FST-XRF64-1/5-6-100A 7.5/1.5	49 22.8	35
3FST-XRF32-2-2A/5-5-65A 3.7/1.5	3FST-XRF32-2-2A/5-5-65A 3.7/1.5	3FST-XRF32-2-2A/5-5-65A 3.7/1.5	3FST-XRF45-1/5-5-80A 5.5/1.5	3FST-XRF45-1/5-5-80A 5.5/1.5	3FST-XRF45-1/5-5-80A 5.5/1.5	42 19.5	30
0.38	0.39	0.4	0.45	0.52	0.6	100%	Q
0.57	0.585	0.6	0.675	0.78	0.9	150%	(m³/min)

소방 패키지 시스템 - 소방 선정표

FS(T) SERIES

H (m)	140%	3FS-XRF45(27~48m³/hr)			3FS-XRF64(36~63.6m³/hr)		
	65%				3FS-XRF95(54~96m³/hr)		
215	301 139.8	3FST-XRF45-7/5-24-80A 37/5.5	3FST-XRF45-7/5-24-80A 37/5.5	3FST-XRF45-7/5-24-80A 37/5.5	3FST-XRF95-6/5-24-100A 75/5.5	3FST-XRF95-6/5-24-100A 75/5.5	3FST-XRF95-6/5-24-100A 75/5.5
210	294 136.5				3FST-XRF95-5/5-24-100A 75/5.5	3FST-XRF95-5/5-24-100A 75/5.5	3FST-XRF95-5/5-24-100A 75/5.5
205	287 133.3				3FST-XRF64-6-2/5-24-100A 45/5.5	3FST-XRF64-6-2/5-24-100A 45/5.5	
200	280 130						3FST-XRF64-6-2/5-24-100A 45/5.5
195	273 126.8	3FST-XRF45-6/5-24-80A 37/5.5					
190	266 123.5		3FST-XRF45-6/5-24-80A 37/5.5	3FST-XRF45-6/5-24-80A 37/5.5			
185	259 120.3	3FST-XRF45-6-3/5-24-80A 30/5.5			3FST-XRF64-5/5-24-100A 45/5.5	3FST-XRF64-5/5-24-100A 45/5.5	
180	252 117	3FST-XRF45-6-3/5-20-80A 30/5.5	3FST-XRF45-6-3/5-20-80A 30/5.5	3FST-XRF45-6/5-20-80A 37/5.5	3FST-XRF64-5/5-20-100A 45/5.5	3FST-XRF64-5/5-20-100A 45/5.5	3FST-XRF64-5/5-20-100A 45/5.5
175	245 113.8						
170	238 110.5			3FST-XRF45-6-3/5-20-80A 30/5.5			
165	231 107.3				3FST-XRF64-5-2/5-20-100A 37/5.5		
160	224 104	3FST-XRF45-5/5-20-80A 30/5.5				3FST-XRF64-5-2/5-20-100A 37/5.5	3FST-XRF64-5-2/5-20-100A 37/5.5
155	217 100.8	3FST-XRF45-5-2/5-20-80A 30/5.5	3FST-XRF45-5/5-20-80A 30/5.5	3FST-XRF45-5/5-20-80A 30/5.5			
150	210 97.5		3FST-XRF45-5-2/5-20-80A 30/5.5				
145	203 94.3	3FST-XRF45-5-3/5-20-80A 30/5.5			3FST-XRF64-4/5-20-100A 37/5.5		
140	196 91	3FST-XRF45-5-3/5-16-80A 30/3.7	3FST-XRF45-5-3/5-16-80A 30/3.7	3FST-XRF45-5-2/5-16-80A 30/3.7	3FST-XRF64-4/5-16-100A 37/5.5	3FST-XRF64-4/5-16-100A 37/5.5	3FST-XRF64-4/5-16-100A 37/5.5
135	189 87.8				3FST-XRF64-4-1/5-16-100A 30/3.7		
130	182 84.5	3FST-XRF45-4/5-16-80A 22/3.7		3FST-XRF45-5-3/5-16-80A 30/3.7	3FST-XRF64-4-1A/5-16-100A 30/3.7	3FST-XRF64-4-1/5-16-100A 30/3.7	3FST-XRF64-4-1/5-16-100A 30/3.7
125	175 81.3		3FST-XRF45-4/5-16-80A 22/3.7	3FST-XRF64-4-2/5-16-100A 30/3.7		3FST-XRF64-4-1A/5-16-100A 30/3.7	3FST-XRF64-4-1A/5-16-100A 30/3.7
120	168 78	3FST-XRF45-4-3/5-14-80A 18.5/3.7	3FST-XRF45-4/5-14-80A 22/3.7	3FST-XRF45-4/5-14-80A 22/3.7	3FST-XRF64-4-2/5-14-100A 30/3.7	3FST-XRF64-4-2/5-14-100A 30/3.7	3FST-XRF64-4-2/5-14-100A 30/3.7
115	161 74.8		3FST-XRF45-4-3/5-14-80A 18.5/3.7				
110	154 71.5			3FST-XRF45-4-2/5-14-80A 22/3.7			
105	147 68.3				3FST-XRF64-3/5-14-100A 30/3.7	3FST-XRF64-3/5-14-100A 30/3.7	
100	140 65	3FST-XRF45-4-4A/5-12-80A 18.5/3.7	3FST-XRF45-4-4A/5-12-80A 18.5/3.7	3FST-XRF64-3-1/5-12-100A 22/3.7	3FST-XRF64-3/5-12-100A 30/3.7	3FST-XRF64-3/5-12-100A 30/3.7	3FST-XRF64-3/5-12-100A 30/3.7
95	133 61.8	3FST-XRF45-3/5-12-80A 18.5/3.7	3FST-XRF45-3/5-12-80A 18.5/3.7		3FST-XRF64-3-1/5-12-100A 22/3.7	3FST-XRF64-3-1/5-12-100A 22/3.7	3FST-XRF64-3-1/5-12-100A 22/3.7
90	126 58.5	3FST-XRF45-3-1/5-12-80A 15/3.7		3FST-XRF45-3/5-12-80A 18.5/3.7	3FST-XRF64-3-2/5-12-100A 22/3.7		
85	119 55.3	3FST-XRF45-3-2/5-12-80A 15/3.7	3FST-XRF45-3-1/5-12-80A 15/3.7		3FST-XRF64-3-3/5-12-100A 18.5/3.7	3FST-XRF64-3-2/5-12-100A 22/3.7	3FST-XRF64-3-2/5-12-100A 22/3.7
80	112 52	3FST-XRF45-3-3A/5-12-80A 15/3.7	3FST-XRF45-3-2/5-12-80A 15/3.7	3FST-XRF45-3-2/5-12-80A 15/3.7		3FST-XRF64-3-3/5-12-100A 18.5/3.7	3FST-XRF64-3-3/5-12-100A 18.5/3.7
75	105 48.8		3FST-XRF45-3-3A/5-12-80A 15/3.7	3FST-XRF45-3-3/5-12-80A 15/3.7			
70	98 45.5	3FST-XRF45-3-3A/5-9-80A 15/2.2	3FST-XRF45-3-3A/5-9-80A 15/2.2	3FST-XRF45-3-3A/5-9-80A 15/2.2	3FST-XRF64-3-3/5-9-100A 18.5/2.2	3FST-XRF64-3-3/5-9-100A 18.5/2.2	3FST-XRF64-3-3/5-9-100A 18.5/2.2
65	91 42.3	3FST-XRF64-2-1/5-9-100A 15/2.2	3FST-XRF64-2-1/5-9-100A 15/2.2	3FST-XRF64-2-1/5-9-100A 15/2.2	3FST-XRF64-2/5-9-100A 18.5/2.2	3FST-XRF64-2/5-9-100A 18.5/2.2	3FST-XRF64-2/5-9-100A 18.5/2.2
60	84 39	3FST-XRF45-2/5-9-80A 11/2.2	3FST-XRF45-2/5-9-80A 11/2.2		3FST-XRF64-2-1/5-9-100A 15/2.2	3FST-XRF64-2-1/5-9-100A 15/2.2	3FST-XRF64-2-1/5-9-100A 15/2.2
55	77 35.8	3FST-XRF45-2-2/5-9-80A 11/2.2		3FST-XRF45-2/5-9-80A 11/2.2			
50	70 32.5	3FST-XRF45-2-2/5-7-80A 11/1.5	3FST-XRF45-2-2/5-7-80A 11/1.5	3FST-XRF45-2-2/5-7-80A 11/1.5	3FST-XRF64-2-2A/5-7-100A 11/1.5	3FST-XRF64-2-2/5-7-100A 15/1.5	3FST-XRF64-2-2/5-7-100A 15/1.5
45	63 29.3	3FST-XRF45-2-2A/5-7-80A 7.5/1.5	3FST-XRF64-2-2B/5-7-100A 11/1.5	3FST-XRF64-2-2B/5-7-100A 11/1.5	3FST-XRF64-2-2B/5-7-100A 11/1.5	3FST-XRF64-2-2A/5-7-100A 11/1.5	
40	56 26	3FST-XRF45-2-2B/5-6-80A 7.5/1.5	3FST-XRF64-2-2B/5-6-100A 11/1.5	3FST-XRF64-2-2B/5-6-100A 11/1.5	3FST-XRF64-2-2B/5-6-100A 11/1.5	3FST-XRF64-2-2B/5-6-100A 11/1.5	3FST-XRF95-1/5-6-100A 15/1.5
35	49 22.8	3FST-XRF64-1/5-6-100A 7.5/1.5	3FST-XRF64-1/5-6-100A 7.5/1.5	3FST-XRF64-1/5-6-100A 7.5/1.5	3FST-XRF64-1/5-6-100A 11/1.5	3FST-XRF95-1A/5-6-100A 11/1.5	3FST-XRF95-1A/5-6-100A 11/1.5
30	42 19.5	3FST-XRF45-1/5-5-80A 5.5/1.5	3FST-XRF45-1/5-5-80A 5.5/1.5	3FST-XRF45-1/5-5-80A 5.5/1.5	3FST-XRF64-1A/5-5-100A 7.5/1.5	3FST-XRF64-1A/5-5-100A 7.5/1.5	3FST-XRF64-1A/5-5-100A 7.5/1.5
Q (m³/min)	100%	0.7	0.75	0.8	0.9	0.96	1
	150%	1.05	1.125	1.2	1.35	1.44	1.5

※ 선정표 확인 방법

- 1) H는 양정(m)이며, Q는 유량(m³/min)입니다. 2) 양정의 상단은 정격양정의 140%, 하단은 65%입니다. 3) 표안의 내용 표기는 주(예비)펌프 모델/총압펌프 모델-토출배관구경 주(예비)펌프 동력(kW)/총압펌프 동력(kW)입니다.
- 4) FST 모델은 **탄소강(일반강재) 배관**, FS 모델은 **STS 배관**이 적용된 모델입니다.

소방 패키지 시스템 - 소방 선정표

FS(T) SERIES



3FS-XRF64	3FS-XRF95(54~96m³/hr)					140%	H
	3FS-XRF125(72~120m³/hr)					65%	(m)
3FST-XRF95-6/5-24-100A 75/5.5	3FST-XRF95-6/5-24-100A 75/5.5	3FST-XRF95-6/5-24-100A 75/5.5	3FST-XRF95-6/5-24-100A 75/5.5	3FST-XRF95-6/5-24-100A 75/5.5	3FST-XRF95-6/5-24-100A 75/5.5	301 139.8	215
3FST-XRF95-5/5-24-100A 75/5.5						294 136.5	210
	3FST-XRF95-5/5-24-100A 75/5.5					287 133.3	205
3FST-XRF64-6-2/5-24-100A 45/5.5		3FST-XRF95-5/5-24-100A 75/5.5	3FST-XRF95-5/5-24-100A 75/5.5	3FST-XRF95-5/5-24-100A 75/5.5		280 130	200
	3FST-XRF95-5-1/5-24-100A 55/5.5				3FST-XRF95-5/5-24-100A 75/5.5	273 126.8	195
						266 123.5	190
	3FST-XRF95-5-2/5-24-100A 55/5.5	3FST-XRF95-5-1/5-24-100A 55/5.5				259 120.3	185
3FST-XRF64-4-2/5-20-100A 45/5.5	3FST-XRF95-5-2/5-20-100A 55/5.5	3FST-XRF95-5-2/5-20-100A 55/5.5	3FST-XRF95-5-2/5-20-100A 55/5.5	3FST-XRF95-5/5-20-100A 75/5.5	3FST-XRF95-5/5-20-100A 75/5.5	252 117	180
3FST-XRF64-5/5-20-100A 45/5.5				3FST-XRF95-5-2/5-20-100A 55/5.5		245 113.8	175
					3FST-XRF95-5-2/5-20-100A 55/5.5	238 110.5	170
	3FST-XRF95-4/5-20-100A 55/5.5					231 107.3	165
		3FST-XRF95-4/5-20-100A 55/5.5	3FST-XRF95-4/5-20-100A 55/5.5			224 104	160
3FST-XRF64-5-2/5-20-100A 37/5.5	3FST-XRF95-4-1/5-20-100A 55/5.5			3FST-XRF95-4/5-20-100A 55/5.5	3FST-XRF95-4/5-20-100A 55/5.5	217 100.8	155
		3FST-XRF95-4-1/5-20-100A 55/5.5	3FST-XRF95-4-1/5-20-100A 55/5.5			210 97.5	150
	3FST-XRF95-4-2/5-20-100A 45/5.5			3FST-XRF95-4-1/5-20-100A 55/5.5	3FST-XRF95-4-1/5-20-100A 55/5.5	203 94.3	145
	3FST-XRF95-4-2/5-16-100A 45/3.7	3FST-XRF95-4-2/5-16-100A 45/3.7	3FST-XRF95-4-1/5-16-100A 55/3.7	3FST-XRF95-4-1/5-16-100A 55/3.7	3FST-XRF95-4-1/5-16-100A 55/3.7	196 91	140
3FST-XRF64-4/5-16-100A 37/5.5			3FST-XRF95-4-2/5-16-100A 45/3.7	3FST-XRF95-4-2/5-16-100A 45/3.7		189 87.8	135
						182 84.5	130
3FST-XRF64-4-1A/5-16-100A 30/3.7	3FST-XRF95-3/5-16-100A 37/3.7				3FST-XRF95-4-2/5-16-100A 45/3.7	175 81.3	125
3FST-XRF64-4-1A/5-14-100A 30/3.7	3FST-XRF95-3/5-14-100A 37/3.7	3FST-XRF95-3/5-14-100A 37/3.7	3FST-XRF95-3/5-14-100A 37/3.7	3FST-XRF95-3/5-14-100A 37/3.7	3FST-XRF95-4-2/5-14-100A 45/3.7	168 78	120
3FST-XRF64-4-2/5-14-100A 30/3.7	3FST-XRF95-3-1/5-14-100A 37/3.7	3FST-XRF95-3A/5-14-100A 37/3.7	3FST-XRF95-3A/5-14-100A 37/3.7		3FST-XRF95-3/5-14-100A 37/3.7	161 74.8	115
		3FST-XRF95-3-1/5-14-100A 37/3.7	3FST-XRF95-3-1/5-14-100A 37/3.7	3FST-XRF95-3-1/5-14-100A 37/3.7		154 71.5	110
	3FST-XRF95-3-2/5-14-100A 30/3.7				3FST-XRF95-3-1/5-14-100A 37/3.7	147 68.3	105
3FST-XRF64-3/5-12-100A 30/3.7	3FST-XRF95-3-2/5-12-100A 30/3.7	3FST-XRF95-3-2/5-12-100A 30/3.7	3FST-XRF95-3-2/5-12-100A 30/3.7	3FST-XRF95-3-1/5-12-100A 37/3.7	3FST-XRF95-3-1/5-12-100A 37/3.7	140 65	100
3FST-XRF64-3-1/5-12-100A 22/3.7				3FST-XRF95-3-2/5-12-100A 30/3.7		133 61.8	95
					3FST-XRF95-3-1A/5-12-100A 37/3.7	126 58.5	90
3FST-XRF64-3-2/5-12-100A 22/3.7					3FST-XRF125-2/5-12-150A 37/3.7	119 55.3	85
	3FST-XRF95-2/5-12-100A 30/3.7	3FST-XRF95-2/5-12-100A 30/3.7	3FST-XRF95-2/5-12-100A 30/3.7	3FST-XRF125-2-1/5-12-150A 30/3.7		112 52	80
3FST-XRF64-3-3/5-12-100A 18.5/3.7	3FST-XRF95-2-1/5-12-100A 22/3.7			3FST-XRF95-2/5-12-100A 30/3.7	3FST-XRF95-2/5-12-100A 30/3.7	105 48.8	75
3FST-XRF64-3-3/5-9-100A 18.5/2.2	3FST-XRF95-2-1/5-9-100A 22/2.2	3FST-XRF95-2-1/5-9-100A 22/2.2	3FST-XRF95-2/5-9-100A 30/2.2	3FST-XRF95-2/5-9-100A 30/2.2	3FST-XRF95-2/5-9-100A 30/2.2	98 45.5	70
3FST-XRF64-2/5-9-100A 18.5/2.2			3FST-XRF95-2-1/5-9-100A 22/2.2	3FST-XRF95-2-1/5-9-100A 22/2.2	3FST-XRF125-2-1A/5-9-150A 30/2.2	91 42.3	65
3FST-XRF64-2-1/5-9-100A 15/2.2	3FST-XRF95-2-2/5-9-100A 18.5/2.2	3FST-XRF95-2-2/5-9-100A 18.5/2.2			3FST-XRF125-2-2A/5-9-150A 22/2.2	84 39	60
	3FST-XRF95-2-2A/5-9-100A 18.5/2.2		3FST-XRF95-2-1A/5-9-100A 22/2.2	3FST-XRF95-2-1A/5-9-100A 22/2.2		77 35.8	55
3FST-XRF64-2-2/5-7-100A 15/1.5	3FST-XRF95-2-2B/5-7-100A 15/1.5	3FST-XRF95-2-2A/5-7-100A 18.5/1.5	3FST-XRF125-2-2B/5-7-150A 22/1.5	3FST-XRF125-2-2B/5-7-150A 22/1.5	3FST-XRF125-2-2B/5-7-150A 22/1.5	70 32.5	50
	3FST-XRF125-1/5-7-150A 18.5/1.5	3FST-XRF125-1/5-7-150A 18.5/1.5	3FST-XRF125-1/5-7-150A 18.5/1.5	3FST-XRF125-1/5-7-150A 18.5/1.5	3FST-XRF125-1/5-7-150A 18.5/1.5	63 29.3	45
3FST-XRF95-1/5-6-100A 15/1.5	3FST-XRF95-1/5-6-100A 15/1.5	3FST-XRF125-1A/5-6-150A 15/1.5	3FST-XRF125-1A/5-6-150A 15/1.5	3FST-XRF125-1A/5-6-150A 15/1.5	3FST-XRF125-1A/5-6-150A 15/1.5	56 26	40
3FST-XRF95-1A/5-6-100A 11/1.5	3FST-XRF95-1A/5-6-100A 11/1.5	3FST-XRF95-1A/5-6-100A 11/1.5	3FST-XRF95-1A/5-6-100A 11/1.5	3FST-XRF95-1/5-6-100A 15/1.5	3FST-XRF95-1/5-6-100A 15/1.5	49 22.8	35
3FST-XRF95-1A/5-5-100A 11/1.5	3FST-XRF95-1A/5-5-100A 11/1.5	3FST-XRF95-1A/5-5-100A 11/1.5	3FST-XRF95-1A/5-5-100A 11/1.5	3FST-XRF95-1A/5-5-100A 11/1.5	3FST-XRF125-1-1A/5-5-150A 11/1.5	42 19.5	30
1.06	1.2	1.4	1.45	1.5	1.6	100%	Q
1.59	1.8	2.1	2.175	2.25	2.4	150%	(m³/min)

소방 패키지 시스템 - 소방 선정표

FS(T) SERIES

H (m)	140%	3FS-XRF155(103.8~144m³/hr)			3FS-XRF185(120~192m³/hr)		
	65%	3FS-XRF125(72~120m³/hr)			3FS-XRF215(135~216m³/hr)		
215	301 139.8	3FST-XRF125-5/5-24-150A 90/5.5	3FST-XRF125-5/5-24-150A 90/5.5	3FST-XRF125-5/5-24-150A 90/5.5	3FST-XRF125-5/5-24-150A 90/5.5	3FST-XRF155-5-2/5-24-150A 110/5.5	3FST-XRF155-5-2/5-24-150A 110/5.5
210	294 136.5						
205	287 133.3						
200	280 130						
195	273 126.8	3FST-XRF125-5-2/5-24-150A 75/5.5	3FST-XRF125-5-2/5-24-150A 75/5.5				
190	266 123.5			3FST-XRF125-5-2/5-24-150A 75/5.5		3FST-XRF155-4/5-24-150A 90/5.5	
185	259 120.3				3FST-XRF125-5-2/5-24-150A 75/5.5	3FST-XRF155-4-1/5-24-150A 90/5.5	
180	252 117	3FST-XRF125-5-2/5-20-150A 75/5.5	3FST-XRF125-5-2/5-20-150A 75/5.5	3FST-XRF125-5-2/5-20-150A 75/5.5	3FST-XRF125-5-2/5-20-150A 75/5.5	3FST-XRF155-4-1/5-20-150A 90/5.5	3FST-XRF155-4-1/5-20-150A 90/5.5
175	245 113.8	3FST-XRF125-4/5-20-150A 75/5.5	3FST-XRF125-4/5-20-150A 75/5.5				
170	238 110.5			3FST-XRF125-4/5-20-150A 75/5.5			
165	231 107.3				3FST-XRF125-4/5-20-150A 75/5.5		
160	224 104					3FST-XRF155-4-3/5-20-150A 75/5.5	
155	217 100.8						
150	210 97.5						
145	203 94.3	3FST-XRF125-4-2A/5-20-150A 55/5.5	3FST-XRF125-4-2A/5-20-150A 55/5.5	3FST-XRF125-4-2A/5-20-150A 55/5.5			3FST-XRF155-4-2/5-20-150A 90/5.5
140	196 91	3FST-XRF125-4-3/5-16-150A 55/3.7	3FST-XRF125-4-3/5-16-150A 55/3.7	3FST-XRF125-4-3/5-16-150A 55/3.7	3FST-XRF125-4/5-16-150A 75/3.7	3FST-XRF155-3/5-16-150A 75/3.7	3FST-XRF155-3/5-16-150A 75/3.7
135	189 87.8	3FST-XRF125-3/5-16-150A 55/3.7	3FST-XRF125-3/5-16-150A 55/3.7	3FST-XRF125-3/5-16-150A 55/3.7	3FST-XRF125-4-3/5-16-150A 55/3.7		
130	182 84.5				3FST-XRF125-3/5-16-150A 55/3.7		
125	175 81.3						
120	168 78	3FST-XRF125-3/5-14-150A 55/3.7	3FST-XRF125-3/5-14-150A 55/3.7	3FST-XRF125-3/5-14-150A 55/3.7	3FST-XRF125-3/5-14-150A 55/3.7	3FST-XRF155-3/5-14-150A 75/3.7	3FST-XRF155-3/5-14-150A 75/3.7
115	161 74.8	3FST-XRF125-3-1/5-14-150A 45/3.7	3FST-XRF125-3-1/5-14-150A 45/3.7	3FST-XRF125-3-1/5-14-150A 45/3.7		3FST-XRF155-3-1/5-14-150A 75/3.7	3FST-XRF155-3-1/5-14-150A 75/3.7
110	154 71.5	3FST-XRF125-3-2/5-14-150A 45/3.7	3FST-XRF125-3-2/5-14-150A 45/3.7	3FST-XRF125-3-2/5-14-150A 45/3.7		3FST-XRF155-3-3/5-14-150A 55/3.7	
105	147 68.3						3FST-XRF155-3-2/5-14-150A 75/3.7
100	140 65	3FST-XRF125-3-3/5-12-150A 37/3.7	3FST-XRF125-3-2/5-12-150A 45/3.7	3FST-XRF125-3-2/5-12-150A 45/3.7	3FST-XRF125-3-2/5-12-150A 45/3.7	3FST-XRF155-3-3/5-12-150A 55/3.7	3FST-XRF155-3-3/5-12-150A 55/3.7
95	133 61.8		3FST-XRF125-3-3/5-12-150A 37/3.7	3FST-XRF125-3-3/5-12-150A 37/3.7		3FST-XRF155-2/5-12-150A 55/3.7	3FST-XRF155-2/5-12-150A 55/3.7
90	126 58.5					3FST-XRF155-2A/5-12-150A 45/3.7	3FST-XRF155-2A/5-12-150A 45/3.7
85	119 55.3	3FST-XRF125-2/5-12-150A 37/3.7	3FST-XRF125-2/5-12-150A 37/3.7	3FST-XRF125-2/5-12-150A 37/3.7	3FST-XRF125-2/5-12-150A 37/3.7	3FST-XRF155-2-1/5-12-150A 45/3.7	
80	112 52						3FST-XRF155-2-1/5-12-150A 45/3.7
75	105 48.8	3FST-XRF125-2-1/5-12-150A 30/3.7	3FST-XRF125-2-1/5-12-150A 30/3.7	3FST-XRF125-2-1/5-12-150A 30/3.7		3FST-XRF155-2-2/5-12-150A 37/3.7	
70	98 45.5	3FST-XRF125-2-1/5-9-150A 30/2.2	3FST-XRF125-2-1/5-9-150A 30/2.2	3FST-XRF125-2-1/5-9-150A 30/2.2	3FST-XRF155-2-2/5-9-150A 37/2.2	3FST-XRF155-2-1A/5-9-150A 45/2.2	3FST-XRF155-2-1A/5-9-150A 45/2.2
65	91 42.3						3FST-XRF155-2-2/5-9-150A 37/2.2
60	84 39	3FST-XRF125-2-1A/5-9-150A 30/2.2	3FST-XRF125-2-1A/5-9-150A 30/2.2	3FST-XRF125-2-1A/5-9-150A 30/2.2	3FST-XRF155-2-2B/5-9-150A 30/2.2	3FST-XRF155-2-2A/5-9-150A 37/2.2	3FST-XRF185-1/5-9-200A 37/2.2
55	77 35.8					3FST-XRF185-1/5-9-200A 37/2.2	
50	70 32.5	3FST-XRF125-2-2B/5-7-150A 30/1.5	3FST-XRF155-1/5-7-150A 30/1.5	3FST-XRF155-1/5-7-150A 30/1.5	3FST-XRF155-1/5-7-150A 30/1.5	3FST-XRF185-1-1/5-7-200A 30/1.5	3FST-XRF185-1-1/5-7-200A 30/1.5
45	63 29.3	3FST-XRF155-1A/5-7-150A 22/1.5	3FST-XRF155-1A/5-7-150A 22/1.5	3FST-XRF155-1A/5-7-150A 22/1.5	3FST-XRF155-1A/5-7-150A 22/1.5	3FST-XRF155-1A/5-7-150A 22/1.5	3FST-XRF155-1/5-7-150A 30/1.5
40	56 26	3FST-XRF125-1A/5-6-150A 18.5/1.5	3FST-XRF125-1A/5-6-150A 18.5/1.5	3FST-XRF125-1A/5-6-150A 18.5/1.5	3FST-XRF155-1-1/5-6-150A 18.5/1.5	3FST-XRF155-1A/5-6-150A 22/1.5	3FST-XRF155-1A/5-6-150A 22/1.5
35	49 22.8	3FST-XRF125-1A/5-6-150A 15/1.5	3FST-XRF125-1A/5-6-150A 15/1.5	3FST-XRF125-1A/5-6-150A 15/1.5		3FST-XRF155-1-1/5-6-150A 18.5/1.5	3FST-XRF185-1-1B/5-6-200A 22/1.5
30	42 19.5	3FST-XRF155-1-1A/5-5-150A 15/1.5	3FST-XRF155-1-1A/5-5-150A 15/1.5	3FST-XRF155-1-1A/5-5-150A 15/1.5	3FST-XRF185-1-1C/5-5-200A 18.5/1.5	3FST-XRF215-1-1C/5-5-200A 22/1.5	3FST-XRF215-1-1C/5-5-200A 22/1.5
Q (m³/min)	100%	1.73	1.8	1.86	2	2.25	2.4
	150%	2.595	2.7	2.79	3	3.375	3.6

※ 선정표 확인 방법

- 1) H는 양정(m)이며, Q는 유량(m³/min)입니다. 2) 양정의 상단은 정격양정의 140%, 하단은 65%입니다. 3) 표안의 내용 표기는
4) FS 모델은 **탄소강(일반강재) 배관**, FS 모델은 **STS 배관**이 적용된 모델입니다.

주(예비)펌프 모델/총압펌프 모델-토출배관구경
주(예비)펌프 동력(kW)/총압펌프 동력(kW)입니다.

소방 패키지 시스템 - 소방 선정표

FS(T) SERIES



3FS-XRF185(120~192m³/hr)						140%	H
3FS-XRF215(135~216m³/hr)						65%	(m)
3FST-XRF185-4-2/5-24-200A 132/5.5	3FST-XRF185-4-2/5-24-200A 132/5.5	3FST-XRF185-4-2/5-24-200A 132/5.5	3FST-XRF185-4-2/5-24-200A 132/5.5	3FST-XRF185-4-2/5-24-200A 132/5.5	3FST-XRF215-4-2A/5-24-200A 160/5.5	301 139.8	215
					3FST-XRF215-3/5-24-200A 160/5.5	294 136.5	210
3FST-XRF185-4-4/5-24-200A 132/5.5						287 133.3	205
	3FST-XRF185-4-4/5-24-200A 132/5.5	3FST-XRF185-4-4/5-24-200A 132/5.5	3FST-XRF185-4-4/5-24-200A 132/5.5			280 130	200
				3FST-XRF185-4-4/5-24-200A 132/5.5		273 126.8	195
3FST-XRF185-4-4A/5-24-200A 110/5.5	3FST-XRF185-4-4A/5-24-200A 110/5.5	3FST-XRF185-4-4A/5-24-200A 110/5.5				266 123.5	190
			3FST-XRF185-4-4A/5-24-200A 110/5.5			259 120.3	185
3FST-XRF185-3/5-20-200A 110/5.5	3FST-XRF185-4-4A/5-20-200A 110/5.5	3FST-XRF185-4-4A/5-20-200A 110/5.5	3FST-XRF185-4-4A/5-20-200A 110/5.5	3FST-XRF185-4-4/5-20-200A 132/5.5	3FST-XRF215-3-1/5-20-200A 132/5.5	252 117	180
	3FST-XRF185-3/5-20-200A 110/5.5	3FST-XRF185-3/5-20-200A 110/5.5	3FST-XRF185-3/5-20-200A 110/5.5			245 113.8	175
				3FST-XRF185-3/5-20-200A 110/5.5	3FST-XRF215-3-2/5-20-200A 132/5.5	238 110.5	170
						231 107.3	165
3FST-XRF185-3-2/5-20-200A 90/5.5	3FST-XRF185-3-2/5-20-200A 90/5.5	3FST-XRF185-3-2/5-20-200A 90/5.5			3FST-XRF215-3-2A/5-20-200A 110/5.5	224 104	160
			3FST-XRF185-3-2/5-20-200A 90/5.5			217 100.8	155
3FST-XRF185-3-3/5-20-200A 90/5.5	3FST-XRF185-3-3/5-20-200A 90/5.5	3FST-XRF185-3-3/5-20-200A 90/5.5	3FST-XRF185-3-3/5-20-200A 90/5.5	3FST-XRF185-3-2/5-20-200A 110/5.5		210 97.5	150
						203 94.3	145
3FST-XRF185-3-3/5-16-200A 90/3.7	3FST-XRF185-3-3/5-16-200A 90/3.7	3FST-XRF185-3-3/5-16-200A 90/3.7	3FST-XRF185-3-3/5-16-200A 90/3.7	3FST-XRF185-3-3/5-16-200A 90/3.7	3FST-XRF215-2/5-16-200A 110/3.7	196 91	140
3FST-XRF185-3-3A/5-16-200A 75/3.7	3FST-XRF185-3-3A/5-16-200A 75/3.7	3FST-XRF185-3-3A/5-16-200A 75/3.7				189 87.8	135
			3FST-XRF185-3-3A/5-16-200A 75/3.7		3FST-XRF185-3-3/5-16-200A 90/3.7	182 84.5	130
						175 81.3	125
3FST-XRF185-2/5-14-200A 75/3.7	3FST-XRF185-2/5-14-200A 75/3.7	3FST-XRF185-2/5-14-200A 75/3.7	3FST-XRF185-3-3A/5-14-200A 75/3.7	3FST-XRF215-2-1/5-14-200A 90/3.7	3FST-XRF215-2-1/5-14-200A 90/3.7	168 78	120
			3FST-XRF185-2/5-14-200A 75/3.7	3FST-XRF185-2/5-14-200A 75/3.7		161 74.8	115
3FST-XRF185-2-1/5-14-200A 75/3.7	3FST-XRF185-2-1/5-14-200A 75/3.7	3FST-XRF185-2-1/5-14-200A 75/3.7			3FST-XRF185-2/5-14-200A 75/3.7	154 71.5	110
			3FST-XRF185-2-1/5-14-200A 75/3.7			147 68.3	105
3FST-XRF185-2-2/5-12-200A 55/3.7	3FST-XRF185-2-2/5-12-200A 55/3.7	3FST-XRF185-2-2/5-12-200A 55/3.7	3FST-XRF185-2-1/5-12-200A 75/3.7	3FST-XRF185-2-1/5-12-200A 75/3.7	3FST-XRF185-2/5-12-200A 75/3.7	140 65	100
			3FST-XRF185-2-2/5-12-200A 55/3.7		3FST-XRF185-2-1/5-12-200A 75/3.7	133 61.8	95
				3FST-XRF215-2-2/5-12-200A 75/3.7	3FST-XRF215-2-2/5-12-200A 75/3.7	126 58.5	90
3FST-XRF185-2-2A/5-12-200A 55/3.7	3FST-XRF185-2-2A/5-12-200A 55/3.7	3FST-XRF185-2-2A/5-12-200A 55/3.7		3FST-XRF255-2-2B/5-12-200A 75/3.7	3FST-XRF255-2-2B/5-12-200A 75/3.7	119 55.3	85
3FST-XRF185-2-2C/5-12-200A 45/3.7	3FST-XRF185-2-2B/5-12-200A 55/3.7	3FST-XRF185-2-2B/5-12-200A 55/3.7	3FST-XRF185-2-2A/5-12-200A 55/3.7	3FST-XRF185-1/5-7-200A 37/1.5	3FST-XRF255-2-2C/5-12-200A 75/3.7	112 52	80
3FST-XRF185-2-2D/5-12-200A 45/3.7	3FST-XRF185-2-2C/5-12-200A 45/3.7	3FST-XRF185-2-2C/5-12-200A 45/3.7	3FST-XRF185-2-2C/5-12-200A 45/3.7	3FST-XRF255-2-2D/5-12-200A 55/3.7		105 48.8	75
3FST-XRF185-2-2D/5-9-200A 45/2.2	3FST-XRF185-2-2D/5-9-200A 45/2.2	3FST-XRF185-2-2D/5-9-200A 45/2.2	3FST-XRF215-1/5-9-200A 55/2.2	3FST-XRF215-1/5-9-200A 55/2.2	3FST-XRF215-1/5-9-200A 55/2.2	98 45.5	70
3FST-XRF215-1/5-9-200A 55/2.2	3FST-XRF215-1/5-9-200A 55/2.2	3FST-XRF215-1/5-9-200A 55/2.2				91 42.3	65
3FST-XRF185-1/5-9-200A 37/2.2	3FST-XRF185-1/5-9-200A 37/2.2	3FST-XRF185-1/5-9-200A 37/2.2	3FST-XRF185-1/5-9-200A 37/2.2			84 39	60
				3FST-XRF185-1/5-9-200A 37/2.2	3FST-XRF215-1A/5-9-200A 45/2.2	77 35.8	55
3FST-XRF185-1-1/5-7-200A 30/1.5	3FST-XRF185-1-1/5-7-200A 30/1.5	3FST-XRF185-1-1/5-7-200A 30/1.5	3FST-XRF185-1-1/5-7-200A 30/1.5	3FST-XRF185-1-1/5-7-200A 37/1.5	3FST-XRF215-1B/5-7-200A 45/1.5	70 32.5	50
				3FST-XRF185-1-1/5-7-200A 30/1.5	3FST-XRF215-1-1/5-7-200A 37/1.5	63 29.3	45
3FST-XRF215-1-1B/5-6-200A 30/1.5	3FST-XRF215-1-1B/5-6-200A 30/1.5	3FST-XRF215-1-1B/5-6-200A 30/1.5	3FST-XRF215-1-1A/5-6-200A 30/1.5	3FST-XRF215-1-1A/5-6-200A 30/1.5	3FST-XRF255-1-1A/5-6-200A 37/1.5	56 26	40
			3FST-XRF215-1-1B/5-6-200A 30/1.5	3FST-XRF215-1-1B/5-6-200A 30/1.5		49 22.8	35
3FST-XRF215-1-1C/5-5-200A 22/1.5	3FST-XRF215-1-1C/5-5-200A 22/1.5	3FST-XRF215-1-1C/5-5-200A 22/1.5				42 19.5	30
2.6	2.66	2.7	2.8	3.0	3.2	100%	Q
3.9	3.99	4.05	4.2	4.5	4.8	150%	(m³/min)

소방 패키지 시스템 - 소방 선정표

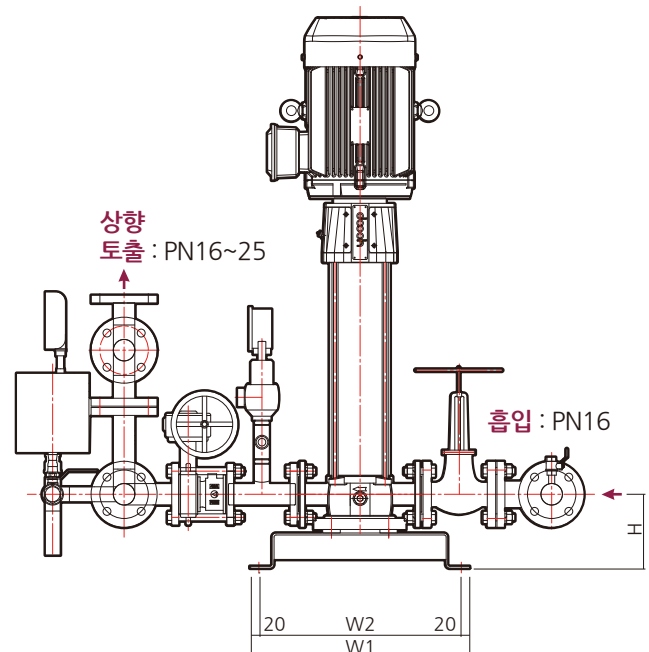
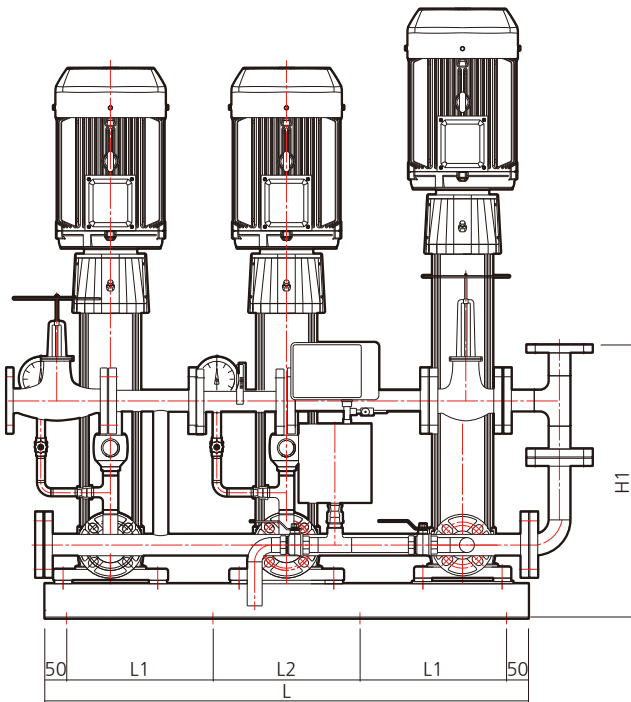
FS(T) SERIES

H (m)	140%	3FS-XRF215(135~216m³/hr)		3FS-XRF255(180~264m³/hr)			
	65%						
215	301 139.8	3FST-XRF215-4-2A/5-24-200A 160/5.5	3FST-XRF215-4-2A/5-24-200A 160/5.5	3FST-XRF255-4-2/5-24-200A 200/5.5	3FST-XRF255-4-2/5-24-200A 200/5.5	3FST-XRF255-4-2/5-24-200A 200/5.5	3FST-XRF255-4-1/5-24-200A 225/5.5
210	294 136.5						3FST-XRF255-4-2/5-24-200A 200/5.5
205	287 133.3	3FST-XRF215-3/5-24-200A 160/5.5	3FST-XRF215-3/5-24-200A 160/5.5	3FST-XRF255-3/5-24-200A 200/5.5	3FST-XRF255-3/5-24-200A 200/5.5		
200	280 130					3FST-XRF255-3/5-24-200A 200/5.5	3FST-XRF255-3/5-24-200A 200/5.5
195	273 126.8						
190	266 123.5			3FST-XRF255-3-1/5-24-200A 160/5.5			
185	259 120.3				3FST-XRF255-3-1/5-24-200A 160/5.5	3FST-XRF255-3-1/5-24-200A 160/5.5	
180	252 117	3FST-XRF215-3-1/5-20-200A 132/5.5	3FST-XRF215-3/5-20-200A 160/5.5	3FST-XRF255-3-1/5-20-200A 160/5.5	3FST-XRF255-3-1/5-20-200A 160/5.5	3FST-XRF255-3-1/5-20-200A 160/5.5	3FST-XRF255-3/5-20-200A 200/5.5
175	245 113.8		3FST-XRF215-3-1/5-20-200A 132/5.5				
170	238 110.5						3FST-XRF255-3-1/5-20-200A 160/5.5
165	231 107.3	3FST-XRF215-3-2/5-20-200A 132/5.5	3FST-XRF255-3-2A/5-20-200A 132/5.5	3FST-XRF255-3-2A/5-20-200A 132/5.5			
160	224 104				3FST-XRF255-3-2/5-20-200A 160/5.5		
155	217 100.8	3FST-XRF215-3-2A/5-20-200A 110/5.5	3FST-XRF215-3-2/5-20-200A 132/5.5	3FST-XRF255-3-3/5-20-200A 132/5.5		3FST-XRF255-3-2/5-20-200A 160/5.5	
150	210 97.5		3FST-XRF215-3-2A/5-20-200A 110/5.5		3FST-XRF255-3-3/5-20-200A 132/5.5		3FST-XRF255-3-2/5-20-200A 160/5.5
145	203 94.3						
140	196 91	3FST-XRF215-2/5-16-200A 110/3.7	3FST-XRF215-3-2A/5-16-200A 110/3.7	3FST-XRF255-3-3/5-16-200A 132/3.7	3FST-XRF255-3-3/5-16-200A 132/3.7	3FST-XRF255-3-2/5-16-200A 160/3.7	3FST-XRF255-3-2/5-16-200A 160/3.7
135	189 87.8		3FST-XRF215-2/5-16-200A 110/3.7	3FST-XRF255-2/5-16-200A 132/3.7	3FST-XRF255-2/5-16-200A 132/3.7	3FST-XRF255-2/5-16-200A 132/3.7	3FST-XRF255-2/5-16-200A 132/3.7
130	182 84.5			3FST-XRF255-2A/5-16-200A 110/3.7	3FST-XRF255-2A/5-16-200A 110/3.7		
125	175 81.3					3FST-XRF255-2A/5-16-200A 110/3.7	
120	168 78	3FST-XRF215-2/5-14-200A 110/3.7	3FST-XRF215-2/5-14-200A 110/3.7	3FST-XRF255-2-1/5-14-200A 110/3.7	3FST-XRF255-2-1/5-14-200A 110/3.7	3FST-XRF255-2A/5-14-200A 110/3.7	3FST-XRF255-2/5-14-200A 132/3.7
115	161 74.8	3FST-XRF215-2-1/5-14-200A 90/3.7	3FST-XRF215-2-1/5-14-200A 90/3.7			3FST-XRF255-2-1/5-14-200A 110/3.7	3FST-XRF255-2-1/5-14-200A 110/3.7
110	154 71.5						
105	147 68.3			3FST-XRF255-2-2/5-14-200A 90/3.7			
100	140 65	3FST-XRF215-2-1A/5-12-200A 75/3.7	3FST-XRF255-2-2/5-12-200A 90/3.7	3FST-XRF255-2-2/5-12-200A 90/3.7	3FST-XRF255-2-2/5-12-200A 90/3.7	3FST-XRF255-2-1/5-12-200A 110/3.7	3FST-XRF255-2-1/5-12-200A 110/3.7
95	133 61.8						
90	126 58.5	3FST-XRF255-2-2A/5-12-200A 75/3.7	3FST-XRF255-2-2A/5-12-200A 75/3.7			3FST-XRF255-2-2/5-12-200A 90/3.7	
85	119 55.3						
80	112 52	3FST-XRF255-2-2B/5-12-200A 75/3.7					
75	105 48.8	3FST-XRF255-2-2C/5-12-200A 75/3.7					
70	98 45.5	3FST-XRF215-1/5-9-200A 55/2.2	3FST-XRF255-1/5-9-200A 75/2.2				
65	91 42.3		3FST-XRF215-1/5-9-200A 55/2.2	3FST-XRF255-1/5-9-200A 75/2.2	3FST-XRF255-1/5-9-200A 75/2.2	3FST-XRF255-1/5-9-200A 75/2.2	3FST-XRF255-1/5-9-200A 75/2.2
60	84 39			3FST-XRF255-1A/5-9-200A 55/2.2			
55	77 35.8	3FST-XRF215-1A/5-9-200A 45/2.2	3FST-XRF255-1-1/5-9-200A 45/2.2		3FST-XRF255-1A/5-9-200A 55/2.2	3FST-XRF255-1A/5-9-200A 55/2.2	
50	70 32.5	3FST-XRF215-1B/5-7-200A 45/1.5	3FST-XRF255-1-1/5-7-200A 45/1.5	3FST-XRF255-1-1/5-7-200A 45/1.5	3FST-XRF255-1A/5-7-200A 55/1.5		
45	63 29.3	3FST-XRF215-1-1/5-7-200A 37/1.5			3FST-XRF255-1-1/5-7-200A 45/1.5		
40	56 26	3FST-XRF255-1-1A/5-6-200A 37/1.5					
35	49 22.8						
30	42 19.5						
Q (m³/min)	100%	3.4	3.6	3.8	4	4.2	4.4
	150%	5.1	5.4	5.7	6	6.3	6.6

소방 패키지 시스템 3FS(T)(P)-XRF10 SERIES



▶ 외형도



▶ 외형치수 및 중량

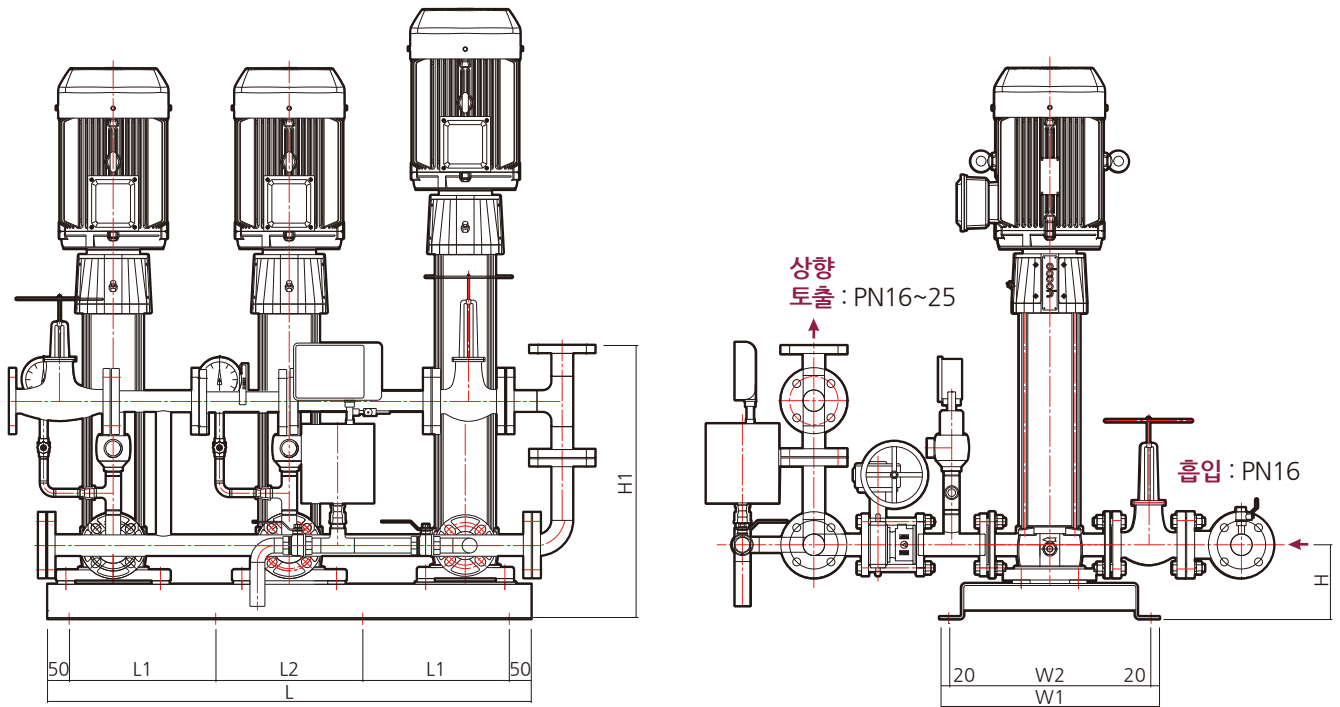
모 델 명	합류관			성능시험배관		동력				외형치수(mm)								중 량 (kg)
	구경	압력등급		구경	압력 등급	주/예비펌프		총압펌프										
		흡입	토출			kW	HP	kW	HP	L	L1	L2	W	W1	W2	H	H1	
3FS(T)(P)-XRF10-3A-XRF5-5	DN40	PN16	DN40	PN16	1.5	2	1.5	2	1100	333	334	972	500	460	168	623	361	
3FS(T)(P)-XRF10-3A-XRF5-6					1.5	2	1.5	2	1100	333	334	972	500	460	168	623	361	
3FS(T)(P)-XRF10-3-XRF5-6					2.2	3	1.5	2	1100	333	334	972	500	460	168	623	361	
3FS(T)(P)-XRF10-4-XRF5-7					2.2	3	1.5	2	1100	333	334	972	500	460	168	623	364	
3FS(T)(P)-XRF10-4-XRF5-9					2.2	3	2.2	3	1100	333	334	972	500	460	168	623	365	
3FS(T)(P)-XRF10-5-XRF5-9					3.7	3	2.2	3	1100	333	334	972	500	460	168	623	423	
3FS(T)(P)-XRF10-6-XRF5-9					3.7	5	2.2	3	1100	333	334	972	500	460	168	623	425	
3FS(T)(P)-XRF10-6-XRF5-12					3.7	5	3.7	5	1100	333	334	972	500	460	168	623	454	
3FS(T)(P)-XRF10-7-XRF5-12					5.5	7.5	3.7	5	1100	333	334	972	500	460	168	623	518	
3FS(T)(P)-XRF10-8-XRF5-12					5.5	7.5	3.7	5	1100	333	334	972	500	460	168	623	520	
3FS(T)(P)-XRF10-8-XRF5-14					5.5	7.5	3.7	5	1100	333	334	972	500	460	168	623	521	
3FS(T)(P)-XRF10-9-XRF5-14					5.5	7.5	3.7	5	1100	333	334	972	500	460	168	623	523	
3FS(T)(P)-XRF10-9-XRF5-16					5.5	7.5	3.7	5	1100	333	334	972	500	460	168	623	524	
3FS(T)(P)-XRF10-10-XRF5-14					5.5	7.5	3.7	5	1100	333	334	972	500	460	168	623	525	
3FS(T)(P)-XRF10-10-XRF5-16					5.5	7.5	3.7	5	1100	333	334	972	500	460	168	623	526	
3FS(T)(P)-XRF10-12-XRF5-16		PN25	DN40	PN25	7.5	10	3.7	5	1100	333	334	972	500	460	168	623	533	
3FS(T)(P)-XRF10-12-XRF5-20					7.5	10	5.5	7.5	1100	333	334	972	500	460	168	623	570	
3FS(T)(P)-XRF10-14-XRF5-20					11	15	5.5	7.5	1100	333	334	972	500	460	168	623	730	
3FS(T)(P)-XRF10-14-XRF5-24					11	15	5.5	7.5	1100	333	334	972	500	460	168	623	732	
3FS(T)(P)-XRF10-17-XRF5-24					11	15	5.5	7.5	1100	333	334	972	500	460	168	623	738	

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소방 패키지 시스템 3FS(T)(P)-XRF15 SERIES



▶ 외형도

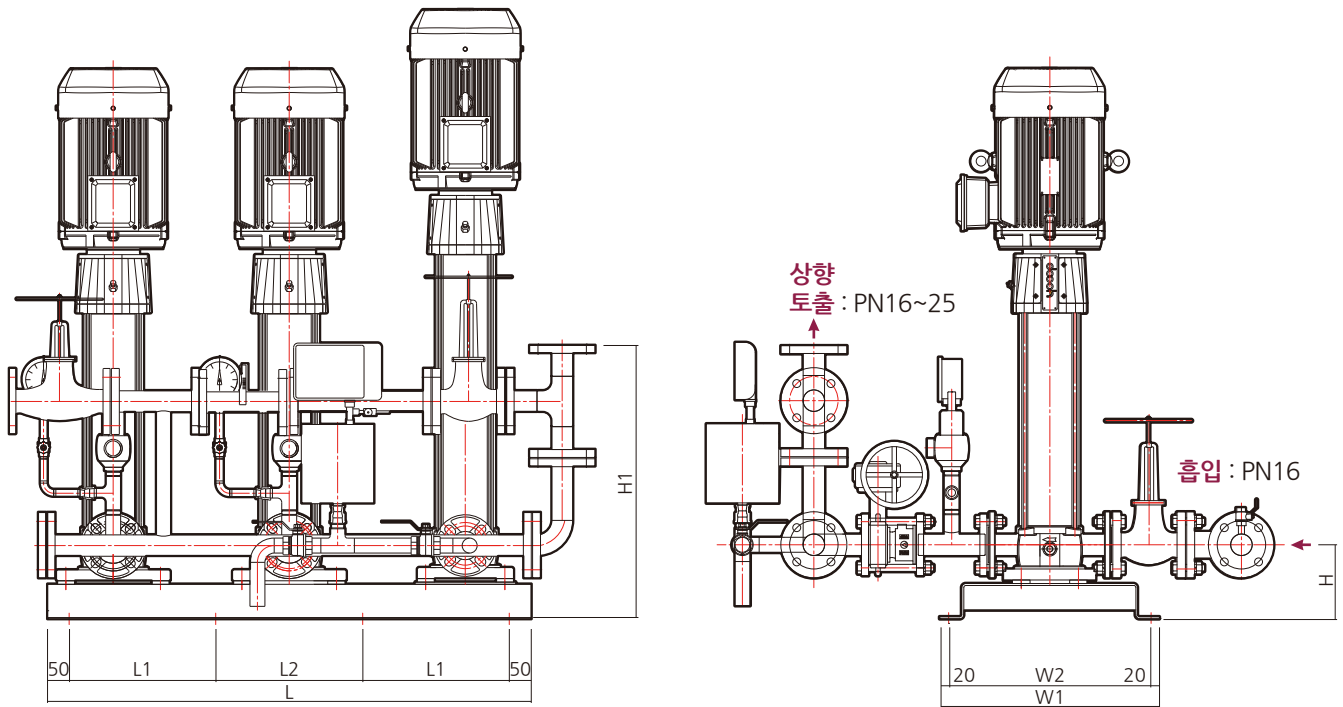


▶ 외형치수 및 중량

모 델 명	합류관			성능시험배관		동력				외형치수(mm)								중 량 (kg)
	구경	압력등급		구경	압력 등급	주/예비펌프		총압펌프										
		흡입	토출			kW	HP	kW	HP	L	L1	L2	W	W1	W2	H	H1	
3FS(T)(P)-XRF15-2-XRF5-5	DN50	PN16	PN16	DN40	PN16	3.7	5	1.5	2	1100	333	334	1027	500	460	178	659	435
3FS(T)(P)-XRF15-2-XRF5-6						3.7	5	1.5	2	1100	333	334	1027	500	460	178	659	435
3FS(T)(P)-XRF15-3A-XRF5-6						3.7	5	1.5	2	1100	333	334	1027	500	460	178	659	437
3FS(T)(P)-XRF15-3-XRF5-7						3.7	5	1.5	2	1100	333	334	1027	500	460	178	659	438
3FS(T)(P)-XRF15-4A-XRF5-9						5.5	7.5	2.2	3	1100	333	334	1027	500	460	178	659	505
3FS(T)(P)-XRF15-4-XRF5-9						5.5	7.5	2.2	3	1100	333	334	1027	500	460	178	659	505
3FS(T)(P)-XRF15-5-XRF5-12						7.5	10	3.7	5	1100	333	334	1027	500	460	178	659	536
3FS(T)(P)-XRF15-6A-XRF5-12						7.5	10	3.7	5	1100	333	334	1027	500	460	178	659	552
3FS(T)(P)-XRF15-6-XRF5-12						7.5	10	3.7	10	1100	333	334	1027	500	460	178	659	552
3FS(T)(P)-XRF15-6-XRF5-14						7.5	10	3.7	10	1100	333	334	1027	500	460	178	659	553
3FS(T)(P)-XRF15-7-XRF5-14						11	15	3.7	5	1100	333	334	1027	500	460	178	659	701
3FS(T)(P)-XRF15-8-XRF5-14						11	15	3.7	5	1100	333	334	1027	500	460	178	659	705
3FS(T)(P)-XRF15-8-XRF5-16						11	15	3.7	5	1100	333	334	1027	500	460	178	659	706
3FS(T)(P)-XRF15-9-XRF5-16						11	15	3.7	5	1100	333	334	1027	500	460	178	659	708
3FS(T)(P)-XRF15-9-XRF5-20						11	15	5.5	7.5	1100	333	334	1027	500	460	178	659	710
3FS(T)(P)-XRF15-10-XRF5-20		PN25	PN25	15	20	5.5	7.5	1100	333	334	1027	500	460	178	659	751		
3FS(T)(P)-XRF15-12-XRF5-24				18.5	25	5.5	7.5	1100	333	334	1027	500	460	178	659	771		

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▶ 외형도



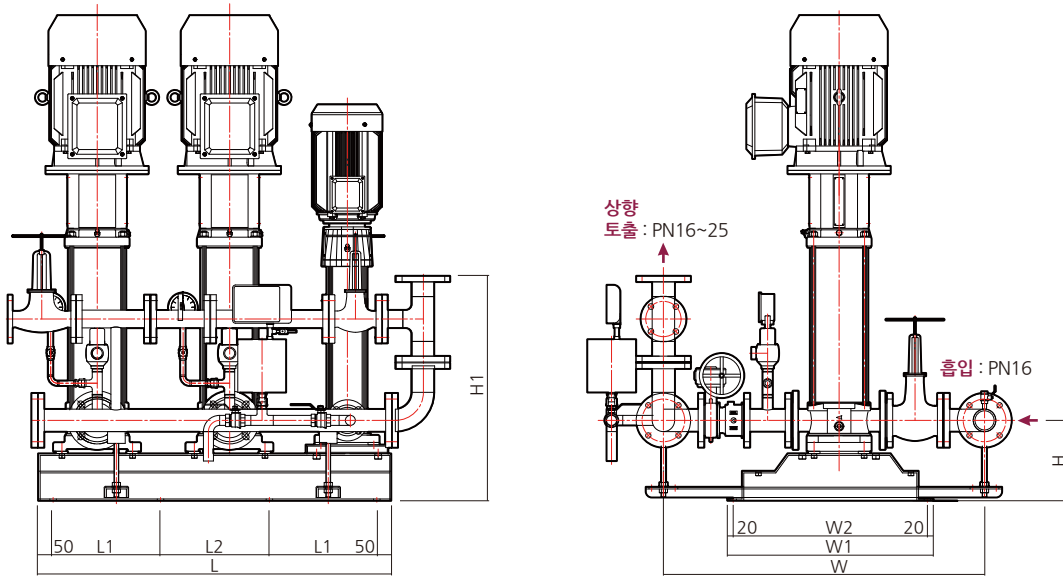
▶ 외형치수 및 중량

모 델 명	합류관			성능시험배관		동력				외형치수(mm)								중 량 (kg)
	구경	압력등급		구경	압력 등급	주/예비펌프		총압펌프										
		흡입	토출			kW	HP		kW	HP	L	L1	L2	W	W1	W2	H	
3FS(T)(P)-XRF20-2-XRF5-6	DN50	PN16	PN16	DN50	PN16	3.7	5	1.5	2	1100	333	334	1027	500	460	178	659	440
3FS(T)(P)-XRF20-3A-XRF5-7						5.5	7.5	1.5	2	1100	333	334	1027	500	460	178	659	505
3FS(T)(P)-XRF20-3-XRF5-7						5.5	7.5	1.5	2	1100	333	334	1027	500	460	178	659	505
3FS(T)(P)-XRF20-3-XRF5-9						5.5	7.5	2.2	3	1100	333	334	1027	500	460	178	659	506
3FS(T)(P)-XRF20-4B-XRF5-9						7.5	10	2.2	3	1100	333	334	1027	500	460	178	659	510
3FS(T)(P)-XRF20-4A-XRF5-9						7.5	10	2.2	3	1100	333	334	1027	500	460	178	659	510
3FS(T)(P)-XRF20-4-XRF5-9						7.5	10	2.2	3	1100	333	334	1027	500	460	178	659	510
3FS(T)(P)-XRF20-4-XRF5-12						7.5	10	3.7	5	1100	333	334	1027	500	460	178	659	539
3FS(T)(P)-XRF20-5-XRF5-12						11	15	3.7	5	1100	333	334	1027	500	460	178	659	699
3FS(T)(P)-XRF20-6-XRF5-12						11	15	3.7	5	1100	333	334	1027	500	460	178	659	703
3FS(T)(P)-XRF20-6-XRF5-14						11	15	3.7	5	1100	333	334	1027	500	460	178	659	704
3FS(T)(P)-XRF20-7-XRF5-14						15	20	3.7	5	1100	333	334	1027	500	460	178	659	706
3FS(T)(P)-XRF20-7-XRF5-16						15	20	3.7	5	1100	333	334	1027	500	460	178	659	707
3FS(T)(P)-XRF20-8-XRF5-16		PN25	PN25		15	20	3.7	5	1100	333	334	1027	500	460	178	659	718	
3FS(T)(P)-XRF20-8-XRF5-20					15	20	5.5	7.5	1100	333	334	1027	500	460	178	659	755	
3FS(T)(P)-XRF20-9-XRF5-20					15	20	5.5	7.5	1100	333	334	1027	500	460	178	659	757	
3FS(T)(P)-XRF20-10-XRF5-20					18.5	25	5.5	7.5	1100	333	334	1027	500	460	178	659	771	
3FS(T)(P)-XRF20-10-XRF5-24					18.5	25	5.5	7.5	1100	333	334	1027	500	460	178	659	773	

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소방 패키지 시스템 3FS(T)(P)-XRF32 SERIES

▶ 외형도



▶ 외형치수 및 중량

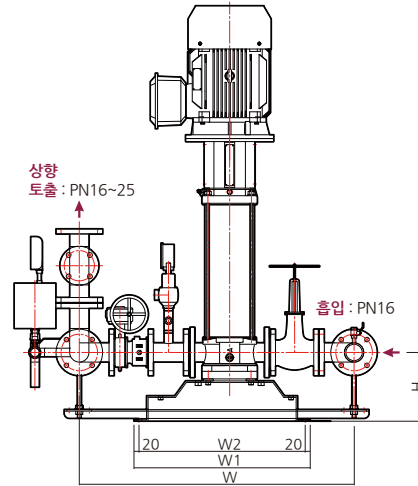
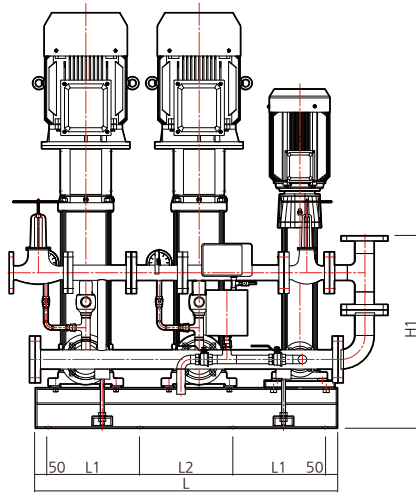
모 델 명	합류관			성능시험배관		동력				외형치수(mm)								중 량 (kg)
	구경	압력등급		구경	압력 등급	주/예비펌프		총압펌프										
		흡입	토출			kW	HP		kW	HP	L	L1	L2	W	W1	W2	H	
3FS(T)(P)-XRF32-2-2A-XRF5-5	DN65	PN16			PN16	3.7	5	1.5	2	1200	365	370	1091	700	660	273	764	577
3FS(T)(P)-XRF32-2-2A-XRF5-6						3.7	5	1.5	2	1200	365	370	1091	700	660	273	764	577
3FS(T)(P)-XRF32-2-2-XRF5-6						5.5	7.5	1.5	2	1200	365	370	1091	700	660	273	764	639
3FS(T)(P)-XRF32-2-1-XRF5-6						5.5	7.5	1.5	2	1200	365	370	1091	700	660	273	764	639
3FS(T)(P)-XRF32-2-XRF5-7						5.5	7.5	1.5	2	1200	365	370	1091	700	660	273	764	640
3FS(T)(P)-XRF32-3-3-XRF5-9						7.5	10	2.2	3	1200	365	370	1091	700	660	273	764	665
3FS(T)(P)-XRF32-3-2-XRF5-9						7.5	10	2.2	3	1200	365	370	1091	700	660	273	764	675
3FS(T)(P)-XRF32-3-1-XRF5-9						7.5	10	2.2	3	1200	365	370	1091	700	660	273	764	675
3FS(T)(P)-XRF32-3-XRF5-9						11	15	2.2	3	1200	365	370	1091	700	660	273	764	811
3FS(T)(P)-XRF32-3-XRF5-12						11	15	3.7	5	1200	365	370	1091	700	660	273	764	840
3FS(T)(P)-XRF32-4-2-XRF5-12						11	15	3.7	5	1200	365	370	1091	700	660	273	764	846
3FS(T)(P)-XRF32-4-1-XRF5-12						11	15	3.7	5	1200	365	370	1091	700	660	273	764	846
3FS(T)(P)-XRF32-4-XRF5-12						11	15	3.7	5	1200	365	370	1091	700	660	273	764	846
3FS(T)(P)-XRF32-5-2-XRF5-12						15	20	3.7	5	1200	365	370	1091	700	660	273	764	852
3FS(T)(P)-XRF32-5-2-XRF5-14						15	20	3.7	5	1200	365	370	1091	700	660	273	764	853
3FS(T)(P)-XRF32-5-XRF5-14						15	20	3.7	5	1200	365	370	1091	700	660	273	764	853
3FS(T)(P)-XRF32-5-XRF5-16						15	20	3.7	5	1200	365	370	1091	700	660	273	764	854
3FS(T)(P)-XRF32-6-2-XRF5-16						15	20	3.7	5	1200	365	370	1091	700	660	273	764	860
3FS(T)(P)-XRF32-6-1-XRF5-16						15	20	3.7	5	1200	365	370	1091	700	660	273	764	860
3FS(T)(P)-XRF32-6-1-XRF5-20						15	20	5.5	7.5	1200	365	370	1091	700	660	273	764	897
3FS(T)(P)-XRF32-6-XRF5-16						18.5	25	3.7	5	1200	365	370	1091	700	660	273	764	885
3FS(T)(P)-XRF32-6-XRF5-20						18.5	25	5.5	7.5	1200	365	370	1091	700	660	273	764	922
3FS(T)(P)-XRF32-7-2-XRF5-20						18.5	25	5.5	7.5	1200	365	370	1091	700	660	273	764	928
3FS(T)(P)-XRF32-7-XRF5-20						18.5	25	5.5	7.5	1200	365	370	1091	700	660	273	764	928
3FS(T)(P)-XRF32-8-2-XRF5-20	22	30	5.5	7.5	1200	365	370	1091	700	660	273	764	928					
3FS(T)(P)-XRF32-8-2-XRF5-20	22	30	5.5	7.5	1200	365	370	1091	700	660	273	764	1046					
3FS(T)(P)-XRF32-8-XRF5-20	22	30	5.5	7.5	1200	365	370	1091	700	660	273	764	1046					
3FS(T)(P)-XRF32-8-XRF5-24	22	30	5.5	7.5	1200	365	370	1091	700	660	273	764	1048					
3FS(T)(P)-XRF32-9-XRF5-24	30	40	5.5	7.5	1200	365	370	1091	700	660	273	764	1084					

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소방 패키지 시스템 3FS(T)(P)-XRF45 SERIES



▶ 외형도



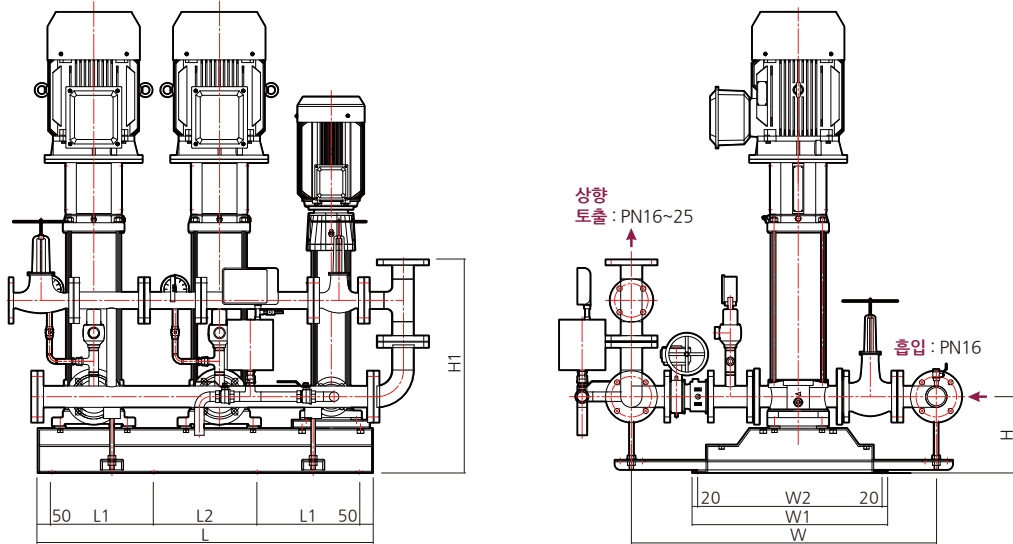
▶ 외형치수 및 중량

모 델 명	합류관			성능시험배관		동력				외형치수(mm)								중 량 (kg)
	구경	압력등급		구경	압력 등급	주/예비펌프		총압펌프										
		흡입	토출			kW	HP	kW	HP	L	L1	L2	W	W1	W2	H	H1	
3FS(T)(P)-XRF45-1-XRF5-5	DN80	PN16		DN65	PN16	5.5	7.5	1.5	2	1350	355	540	1180	700	660	308	907	701
3FS(T)(P)-XRF45-1-XRF5-6						5.5	7.5	1.5	2	1350	355	540	1180	700	660	308	907	701
3FS(T)(P)-XRF45-2-2C-XRF5-6						7.5	10	1.5	2	1350	355	540	1180	700	660	308	907	719
3FS(T)(P)-XRF45-2-2C-XRF5-7						7.5	10	1.5	2	1350	355	540	1180	700	660	308	907	720
3FS(T)(P)-XRF45-2-2B-XRF5-6						7.5	10	1.5	2	1350	355	540	1180	700	660	308	907	719
3FS(T)(P)-XRF45-2-2A-XRF5-7						7.5	10	1.5	2	1350	355	540	1180	700	660	308	907	720
3FS(T)(P)-XRF45-2-2-XRF5-7						11	15	1.5	2	1350	355	540	1180	700	660	308	907	866
3FS(T)(P)-XRF45-2-2-XRF5-9						11	15	2.2	3	1350	355	540	1180	700	660	308	907	867
3FS(T)(P)-XRF45-2-XRF5-9						11	15	2.2	3	1350	355	540	1180	700	660	308	907	867
3FS(T)(P)-XRF45-3-3A-XRF5-9						15	20	2.2	3	1350	355	540	1180	700	660	308	907	875
3FS(T)(P)-XRF45-3-3A-XRF5-12						15	20	3.7	5	1350	355	540	1180	700	660	308	907	904
3FS(T)(P)-XRF45-3-3-XRF5-12						15	20	3.7	5	1350	355	540	1180	700	660	308	907	904
3FS(T)(P)-XRF45-3-2-XRF5-12						15	20	3.7	5	1350	355	540	1180	700	660	308	907	904
3FS(T)(P)-XRF45-3-1-XRF5-12						15	20	3.7	5	1350	355	540	1180	700	660	308	907	904
3FS(T)(P)-XRF45-3-XRF5-12						18.5	25	3.7	5	1350	355	540	1180	700	660	308	907	916
3FS(T)(P)-XRF45-4-4A-XRF5-12						18.5	25	3.7	5	1350	355	540	1180	700	660	308	907	924
3FS(T)(P)-XRF45-4-3-XRF5-14						18.5	25	3.7	5	1350	355	540	1180	700	660	308	907	925
3FS(T)(P)-XRF45-4-3-XRF5-16						18.5	25	3.7	5	1350	355	540	1180	700	660	308	907	926
3FS(T)(P)-XRF45-4-2-XRF5-14		22	30	3.7	5	1350	355	540	1180	700	660	308	907	1037				
3FS(T)(P)-XRF45-4-XRF5-14		22	30	3.7	5	1350	355	540	1180	700	660	308	907	1037				
3FS(T)(P)-XRF45-4-XRF5-16		22	30	3.7	5	1350	355	540	1180	700	660	308	907	1038				
3FS(T)(P)-XRF45-5-3-XRF5-16		30	40	3.7	5	1350	355	540	1180	700	660	308	907	1076				
3FS(T)(P)-XRF45-5-3-XRF5-20		30	40	5.5	7.5	1350	355	540	1180	700	660	308	907	1113				
3FS(T)(P)-XRF45-5-2-XRF5-16		30	40	3.7	5	1350	355	540	1180	700	660	308	907	1076				
3FS(T)(P)-XRF45-5-2-XRF5-20		30	40	5.5	7.5	1350	355	540	1180	700	660	308	907	1113				
3FS(T)(P)-XRF45-5-XRF5-20		30	40	5.5	7.5	1350	355	540	1180	700	660	308	907	1141				
3FS(T)(P)-XRF45-6-3-XRF5-20		30	40	5.5	7.5	1350	355	540	1180	700	660	308	907	1147				
3FS(T)(P)-XRF45-6-3-XRF5-24		30	40	5.5	7.5	1350	355	540	1180	700	660	308	907	1149				
3FS(T)(P)-XRF45-6-XRF5-20		37	50	5.5	7.5	1350	355	540	1180	700	660	308	907	1281				
3FS(T)(P)-XRF45-6-XRF5-24		37	50	5.5	7.5	1350	355	540	1180	700	660	308	907	1283				
3FS(T)(P)-XRF45-7-XRF5-24	37	50	5.5	7.5	1350	355	540	1180	700	660	308	907	1303					

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소방 패키지 시스템 3FS(T)(P)-XRF64 SERIES

외형도



외형치수 및 중량

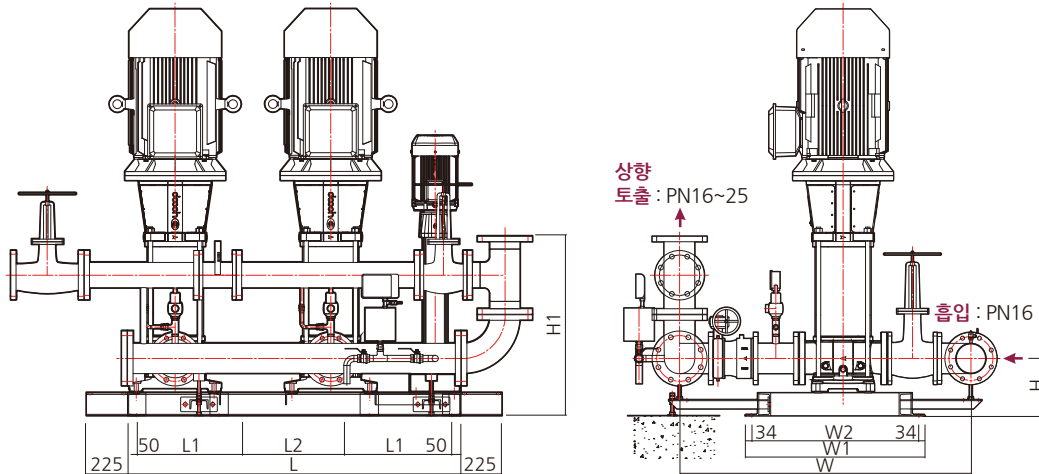
모 델 명	합류관		성능시험배관		동력				외형치수(mm)								중 량 (kg)	
	구경	압력등급	구경	압력등급	주/예비펌프		총압펌프											
		흡입		토출	구경	압력등급	kW	HP	kW	HP	L	L1	L2	W	W1	W2		H
3FS(T)(P)-XRF64-1A-XRF5-5	DN100	PN16	DN80	PN16	7.5	10	1.5	2	1350	355	540	1255	700	660	308	823	753	
3FS(T)(P)-XRF64-1-XRF5-6					7.5	10	1.5	2	1350	355	540	1255	700	660	308	823	773	
					11	15	1.5	2	1350	355	540	1255	700	660	308	823	773	
3FS(T)(P)-XRF64-2-2B-XRF5-6					11	15	1.5	2	1350	355	540	1255	700	660	308	823	915	
3FS(T)(P)-XRF64-2-2B-XRF5-7					11	15	1.5	2	1350	355	540	1255	700	660	308	823	916	
3FS(T)(P)-XRF64-2-2A-XRF5-7					11	15	1.5	2	1350	355	540	1255	700	660	308	823	916	
3FS(T)(P)-XRF64-2-2-XRF5-7					15	20	1.5	2	1350	355	540	1255	700	660	308	823	916	
3FS(T)(P)-XRF64-2-1-XRF5-9					15	20	2.2	3	1350	355	540	1255	700	660	308	823	917	
3FS(T)(P)-XRF64-2-XRF5-9					18.5	25	2.2	3	1350	355	540	1255	700	660	308	823	929	
3FS(T)(P)-XRF64-3-3-XRF5-9					18.5	25	2.2	3	1350	355	540	1255	700	660	308	823	935	
3FS(T)(P)-XRF64-3-3-XRF5-12					18.5	25	3.7	5	1350	355	540	1255	700	660	308	823	964	
3FS(T)(P)-XRF64-3-2-XRF5-12					22	30	3.7	5	1350	355	540	1255	700	660	308	823	1068	
3FS(T)(P)-XRF64-3-1-XRF5-12					22	30	3.7	5	1350	355	540	1255	700	660	308	823	1068	
3FS(T)(P)-XRF64-3-XRF5-12					30	40	3.7	5	1350	355	540	1255	700	660	308	823	1106	
3FS(T)(P)-XRF64-3-XRF5-14		30		40	3.7	5	1350	355	540	1255	700	660	308	823	1107			
3FS(T)(P)-XRF64-4-2-XRF5-14		30		40	3.7	5	1350	355	540	1255	700	660	308	823	1113			
3FS(T)(P)-XRF64-4-2-XRF5-16		30		40	3.7	5	1350	355	540	1255	700	660	308	823	1114			
3FS(T)(P)-XRF64-4-1A-XRF5-14		30		40	3.7	5	1350	355	540	1255	700	660	308	823	1113			
3FS(T)(P)-XRF64-4-1A-XRF5-16		30		40	3.7	5	1350	355	540	1255	700	660	308	823	1114			
3FS(T)(P)-XRF64-4-1-XRF5-16		30		40	3.7	5	1350	355	540	1255	700	660	308	823	1161			
3FS(T)(P)-XRF64-4-XRF5-16		PN25			PN25	37	50	3.7	5	1350	355	540	1255	700	660	308	823	1307
3FS(T)(P)-XRF64-4-XRF5-20						37	50	5.5	7.5	1350	355	540	1255	700	660	308	823	1344
3FS(T)(P)-XRF64-5-2-XRF5-16	37		50			3.7	5	1350	355	540	1255	700	660	308	823	1313		
3FS(T)(P)-XRF64-5-2-XRF5-20	37		50			5.5	7.5	1350	355	540	1255	700	660	308	823	1350		
3FS(T)(P)-XRF64-5-XRF5-20	45		60			5.5	7.5	1350	355	540	1255	700	660	308	823	1350		
3FS(T)(P)-XRF64-5-XRF5-24	45		60			5.5	7.5	1350	355	540	1255	700	660	308	823	1352		
3FS(T)(P)-XRF64-6-2-XRF5-20	45		60			5.5	7.5	1350	355	540	1255	700	660	308	823	1358		
3FS(T)(P)-XRF64-6-2-XRF5-24	45		60			5.5	7.5	1350	355	540	1255	700	660	308	823	1360		

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소방 패키지 시스템 3FS(T)(P)-XRF 95 SERIES



▶ 외형도



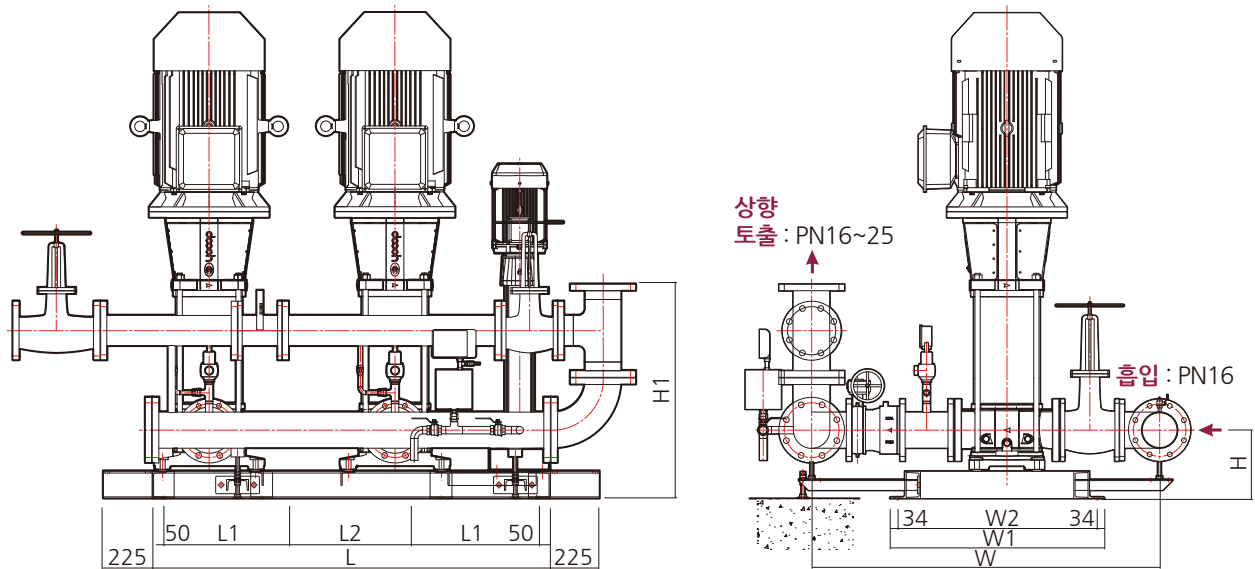
▶ 외형치수 및 중량

모 델 명	합류관			성능시험배관		동력				외형치수(mm)								중 량 (kg)
	구경	압력등급		구경	압력 등급	주/예비펌프		총압펌프										
		흡입	토출			kW	HP		kW	HP	L	L1	L2	W	W1	W2	H	
3FS(T)(P)-XRF95-1A-XRF5-5	DN100	PN16		DN80	PN16	11	15	1.5	2	1615	390	735	1341	800	732	273	788	977
3FS(T)(P)-XRF95-1A-XRF5-6						11	15	1.5	2	1615	390	735	1341	800	732	273	788	977
3FS(T)(P)-XRF95-1-XRF5-6						15	20	1.5	2	1615	390	735	1341	800	732	273	788	977
3FS(T)(P)-XRF95-2-2B-XRF5-7						15	20	1.5	2	1615	390	735	1341	800	732	273	788	1004
3FS(T)(P)-XRF95-2-2A-XRF5-7						18.5	25	1.5	2	1615	390	735	1341	800	732	273	788	1004
3FS(T)(P)-XRF95-2-2A-XRF5-9						18.5	25	2.2	3	1615	390	735	1341	800	732	273	788	1005
3FS(T)(P)-XRF95-2-2-XRF5-9						18.5	25	2.2	3	1615	390	735	1341	800	732	273	788	1005
3FS(T)(P)-XRF95-2-1A-XRF5-9						22	30	2.2	3	1615	390	735	1341	800	732	273	788	1109
3FS(T)(P)-XRF95-2-1-XRF5-9						22	30	2.2	3	1615	390	735	1341	800	732	273	788	1109
3FS(T)(P)-XRF95-2-1-XRF5-12						22	30	3.7	5	1615	390	735	1341	800	732	273	788	1138
3FS(T)(P)-XRF95-2-XRF5-9						30	40	2.2	3	1615	390	735	1341	800	732	273	788	1145
3FS(T)(P)-XRF95-2-XRF5-12						30	40	3.7	5	1615	390	735	1341	800	732	273	788	1174
3FS(T)(P)-XRF95-3-2-XRF5-12						30	40	3.7	5	1615	390	735	1341	800	732	273	788	1188
3FS(T)(P)-XRF95-3-2-XRF5-14						30	40	3.7	5	1615	390	735	1341	800	732	273	788	1189
3FS(T)(P)-XRF95-3-1A-XRF5-12						37	50	3.7	5	1615	390	735	1341	800	732	273	788	1322
3FS(T)(P)-XRF95-3-1-XRF5-12						37	50	3.7	5	1615	390	735	1341	800	732	273	788	1322
3FS(T)(P)-XRF95-3-1-XRF5-14						37	50	3.7	5	1615	390	735	1341	800	732	273	788	1323
3FS(T)(P)-XRF95-3A-XRF5-14						37	50	3.7	5	1615	390	735	1341	800	732	273	788	1323
3FS(T)(P)-XRF95-3-XRF5-14						37	50	3.7	5	1615	390	735	1341	800	732	273	788	1335
3FS(T)(P)-XRF95-3-XRF5-16						37	50	3.7	5	1615	390	735	1341	800	732	273	788	1336
3FS(T)(P)-XRF95-4-2-XRF5-14						45	60	3.7	5	1615	390	735	1341	800	732	273	788	1349
3FS(T)(P)-XRF95-4-2-XRF5-16						45	60	3.7	5	1615	390	735	1341	800	732	273	788	1350
3FS(T)(P)-XRF95-4-2-XRF5-20						45	60	5.5	7.5	1615	390	735	1341	800	732	273	788	1387
3FS(T)(P)-XRF95-4-1-XRF5-16		PN25			PN25	55	75	3.7	5	1615	390	735	1341	800	732	273	788	1574
3FS(T)(P)-XRF95-4-1-XRF5-20						55	75	5.5	7.5	1615	390	735	1341	800	732	273	788	1611
3FS(T)(P)-XRF95-4-XRF5-20						55	75	5.5	7.5	1615	390	735	1341	800	732	273	788	1655
3FS(T)(P)-XRF95-5-2-XRF5-20						55	75	5.5	7.5	1615	390	735	1341	800	732	273	788	1675
3FS(T)(P)-XRF95-5-2-XRF5-24						55	75	5.5	7.5	1615	390	735	1341	800	732	273	788	1677
3FS(T)(P)-XRF95-5-1-XRF5-24						55	75	5.5	7.5	1615	390	735	1341	800	732	273	788	1677
3FS(T)(P)-XRF95-5-XRF5-20						75	100	5.5	7.5	1615	390	735	1341	800	732	273	788	1995
3FS(T)(P)-XRF95-5-XRF5-24						75	100	5.5	7.5	1615	390	735	1341	800	732	273	788	1997
3FS(T)(P)-XRF95-6-XRF5-24						75	100	5.5	7.5	1615	390	735	1341	800	732	273	788	2017

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소방 패키지 시스템 3FS(T)(P)-XRF 125 SERIES

▶ 외형도



▶ 외형치수 및 중량

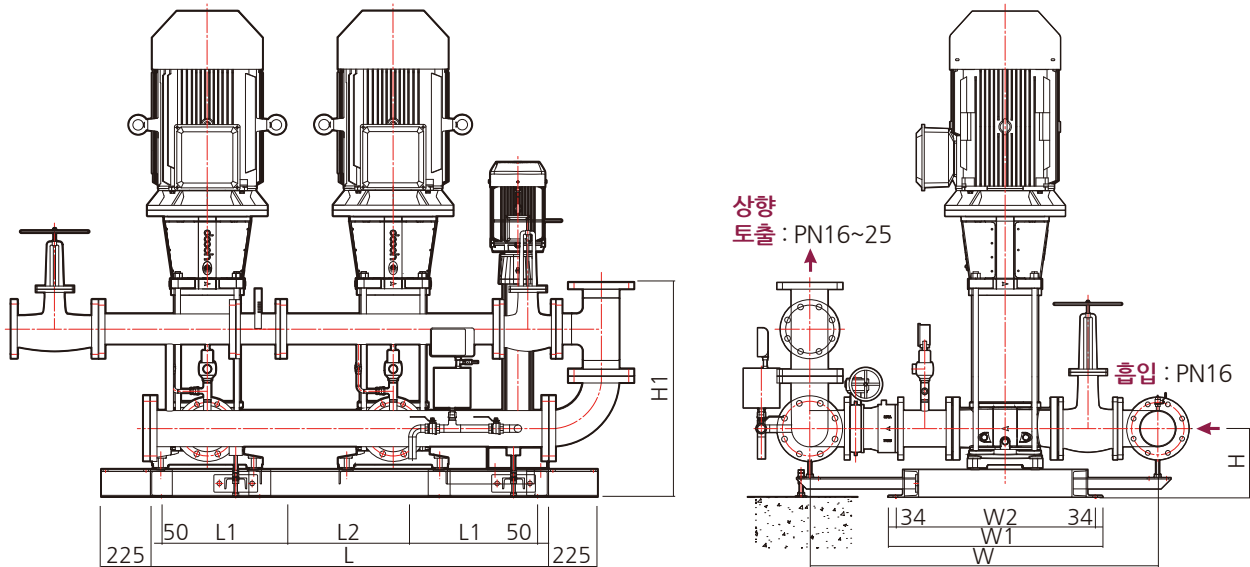
모 델 명	합류관			성능시험배관		동력				외형치수(mm)								중 량 (kg)	
	구경	압력등급		구경	압력 등급	주/예비펌프		총압펌프											
		흡입	토출			kW	HP	kW	HP	L	L1	L2	W	W1	W2	H	H1		
3FS(T)(P)-XRF125-1-1A-XRF5-5	DN150	PN16	PN16	DN125	PN16	11	15	1.5	2	1820	450	820	1591	981	913	313	980	1269	
3FS(T)(P)-XRF125-1A-XRF5-6						15	20	1.5	2	1820	450	820	1591	981	913	313	980	1269	
3FS(T)(P)-XRF125-1-XRF5-6						18.5	25	1.5	2	1820	450	820	1591	981	913	313	980	1281	
3FS(T)(P)-XRF125-1-XRF5-7						18.5	25	1.5	2	1820	450	820	1591	981	913	313	980	1282	
3FS(T)(P)-XRF125-2-2B-XRF5-7						22	30	1.5	2	1820	450	820	1591	981	913	313	980	1434	
3FS(T)(P)-XRF125-2-2A-XRF5-9						22	30	2.2	3	1820	450	820	1591	981	913	313	980	1435	
3FS(T)(P)-XRF125-2-1A-XRF5-9						30	40	2.2	3	1820	450	820	1591	981	913	313	980	1465	
3FS(T)(P)-XRF125-2-1-XRF5-9						30	40	2.2	3	1820	450	820	1591	981	913	313	980	1465	
3FS(T)(P)-XRF125-2-1-XRF5-12						30	40	3.7	5	1820	450	820	1591	981	913	313	980	1494	
3FS(T)(P)-XRF125-2-XRF5-12						37	50	3.7	5	1820	450	820	1591	981	913	313	980	1628	
3FS(T)(P)-XRF125-3-3-XRF5-12						37	50	3.7	5	1820	450	820	1591	981	913	313	980	1650	
3FS(T)(P)-XRF125-3-2-XRF5-12						45	60	3.7	5	1820	450	820	1591	981	913	313	980	1674	
3FS(T)(P)-XRF125-3-2-XRF5-14					45	60	3.7	5	1820	450	820	1591	981	913	313	980	1675		
3FS(T)(P)-XRF125-3-1-XRF5-14					45	60	3.7	5	1820	450	820	1591	981	913	313	980	1675		
3FS(T)(P)-XRF125-3-XRF5-14					55	75	3.7	5	1820	450	820	1591	981	913	313	980	1895		
3FS(T)(P)-XRF125-3-XRF5-16					55	75	3.7	5	1820	450	820	1591	981	913	313	980	1896		
3FS(T)(P)-XRF125-4-3-XRF5-16					55	75	3.7	5	1820	450	820	1591	981	913	313	980	1896		
3FS(T)(P)-XRF125-4-2A-XRF5-20					PN25	PN25	55	75	5.5	7.5	1820	450	820	1591	981	913	313	980	2113
3FS(T)(P)-XRF125-4-XRF5-16							75	100	3.7	5	1820	450	820	1591	981	913	313	980	2396
3FS(T)(P)-XRF125-4-XRF5-20							75	100	5.5	7.5	1820	450	820	1591	981	913	313	980	2433
3FS(T)(P)-XRF125-5-2-XRF5-20							75	100	5.5	7.5	1820	450	820	1591	981	913	313	980	2433
3FS(T)(P)-XRF125-5-2-XRF5-24							75	100	5.5	7.5	1820	450	820	1591	981	913	313	980	2435
3FS(T)(P)-XRF125-5-XRF5-24							90	120	5.5	7.5	1820	450	820	1591	981	913	313	980	2605

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소방 패키지 시스템 3FS(T)(P)-XRF 155 SERIES



▶ 외형도



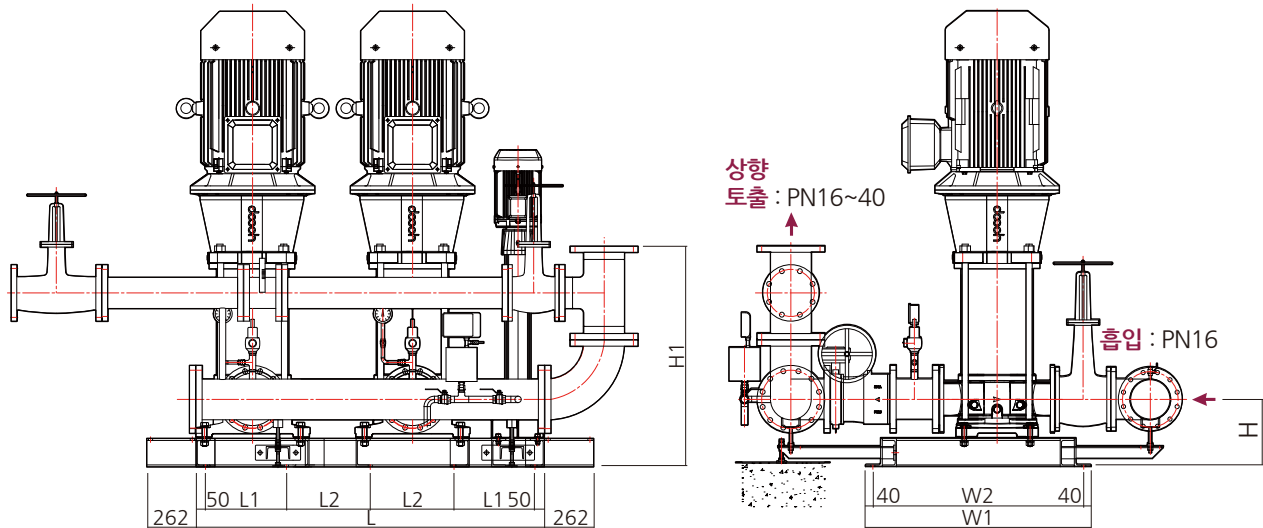
▶ 외형치수 및 중량

모 델 명	합류관			성능시험배관		동력				외형치수(mm)								중 량 (kg)
	구경	압력등급		구경	압력 등급	주/예비펌프		총압펌프										
		흡입	토출			kW	HP	kW	HP	L	L1	L2	W	W1	W2	H	H1	
3FS(T)(P)-XRF155-1-1A-XRF5-5	DN150	PN16	PN16	DN125	PN16	15	20	1.5	2	1820	450	820	1591	981	913	313	980	1283
3FS(T)(P)-XRF155-1-1-XRF5-6						18.5	25	1.5	2	1820	450	820	1591	981	913	313	980	1295
3FS(T)(P)-XRF155-1A-XRF5-6						22	30	1.5	2	1820	450	820	1591	981	913	313	980	1399
3FS(T)(P)-XRF155-1A-XRF5-7						22	30	1.5	2	1820	450	820	1591	981	913	313	980	1400
3FS(T)(P)-XRF155-1-XRF5-7						30	40	1.5	2	1820	450	820	1591	981	913	313	980	1450
3FS(T)(P)-XRF155-2-2B-XRF5-9						30	40	2.2	3	1820	450	820	1591	981	913	313	980	1479
3FS(T)(P)-XRF155-2-2A-XRF5-9						37	50	2.2	3	1820	450	820	1591	981	913	313	980	1613
3FS(T)(P)-XRF155-2-2-XRF5-9						37	50	2.2	3	1820	450	820	1591	981	913	313	980	1613
3FS(T)(P)-XRF155-2-1A-XRF5-9						45	60	2.2	3	1820	450	820	1591	981	913	313	980	1631
3FS(T)(P)-XRF155-2-1-XRF5-12						45	60	3.7	5	1820	450	820	1591	981	913	313	980	1660
3FS(T)(P)-XRF155-2A-XRF5-12						45	60	3.7	5	1820	450	820	1591	981	913	313	980	1660
3FS(T)(P)-XRF155-2-XRF5-12						55	75	3.7	5	1820	450	820	1591	981	913	313	980	1882
3FS(T)(P)-XRF155-3-3-XRF5-12						55	75	3.7	5	1820	450	820	1591	981	913	313	980	1910
3FS(T)(P)-XRF155-3-3-XRF5-14						55	75	3.7	5	1820	450	820	1591	981	913	313	980	1911
3FS(T)(P)-XRF155-3-2-XRF5-14						75	100	3.7	5	1820	450	820	1591	981	913	313	980	2255
3FS(T)(P)-XRF155-3-1-XRF5-14						75	100	3.7	5	1820	450	820	1591	981	913	313	980	2255
3FS(T)(P)-XRF155-3-XRF5-14						75	100	3.7	5	1820	450	820	1591	981	913	313	980	2369
3FS(T)(P)-XRF155-3-XRF5-16						75	100	3.7	5	1820	450	820	1591	981	913	313	980	2370
3FS(T)(P)-XRF155-4-3-XRF5-20				PN25	PN25	75	100	5.5	7.5	1820	450	820	1591	981	913	313	980	2435
3FS(T)(P)-XRF155-4-2-XRF5-20						90	120	5.5	7.5	1820	450	820	1591	981	913	313	980	2555
3FS(T)(P)-XRF155-4-1-XRF5-20						90	120	5.5	7.5	1820	450	820	1591	981	913	313	980	2555
3FS(T)(P)-XRF155-4-1-XRF5-24						90	120	5.5	7.5	1820	450	820	1591	981	913	313	980	2557
3FS(T)(P)-XRF155-4-XRF5-24						90	120	5.5	7.5	1820	450	820	1591	981	913	313	980	2579
3FS(T)(P)-XRF155-5-2-XRF5-24						110	150	5.5	7.5	1820	450	820	1591	981	913	313	980	3047

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소방 패키지 시스템 3FS(T)(P)-XRF 185 SERIES

▶ 외형도



▶ 외형치수 및 중량

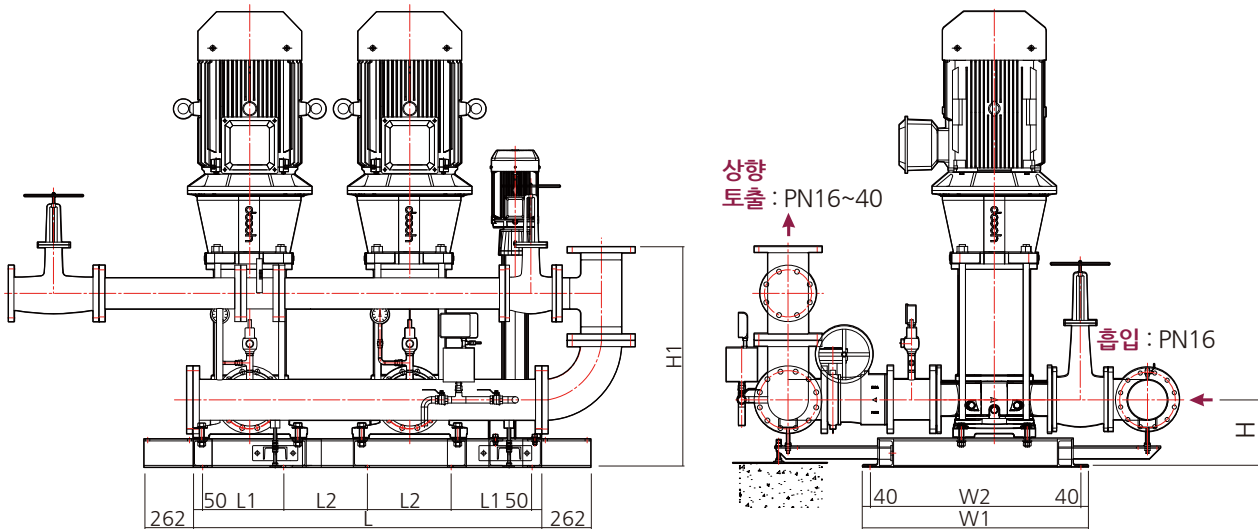
모 델 명	합류관		성능시험배관		동력				외형치수(mm)								중 량 (kg)
	구경	압력등급	구경	압력등급	주/예비펌프		총압펌프										
		흡입		토출	구경	압력등급	kW	HP	kW	HP	L	L1	L2	W	W1	W2	
3FS(T)(P)-XRF185-1-1C-XRF5-5	DN200	PN16	DN150	PN16	18.5	25	1.5	2	1850	430	445	1909	1200	1120	358	1171	1786
3FS(T)(P)-XRF185-1-1B-XRF5-6					22	30	1.5	2	1850	430	445	1909	1200	1120	358	1171	1890
3FS(T)(P)-XRF185-1-1-XRF5-7					30	40	1.5	2	1850	430	445	1909	1200	1120	358	1171	1921
3FS(T)(P)-XRF185-1-XRF5-7					37	50	1.5	2	1850	430	445	1909	1200	1120	358	1171	2055
3FS(T)(P)-XRF185-1-XRF5-9					37	50	2.2	3	1850	430	445	1909	1200	1120	358	1171	2056
3FS(T)(P)-XRF185-2-2D-XRF5-9					45	60	2.2	3	1850	430	445	1909	1200	1120	358	1171	2154
3FS(T)(P)-XRF185-2-2D-XRF5-12					45	60	3.7	5	1850	430	445	1909	1200	1120	358	1171	2183
3FS(T)(P)-XRF185-2-2C-XRF5-12					45	60	3.7	5	1850	430	445	1909	1200	1120	358	1171	2183
3FS(T)(P)-XRF185-2-2B-XRF5-12					55	75	3.7	5	1850	430	445	1909	1200	1120	358	1171	2347
3FS(T)(P)-XRF185-2-2A-XRF5-12					55	75	3.7	5	1850	430	445	1909	1200	1120	358	1171	2347
3FS(T)(P)-XRF185-2-2-XRF5-12					55	75	3.7	5	1850	430	445	1909	1200	1120	358	1171	2347
3FS(T)(P)-XRF185-2-1-XRF5-12					75	100	3.7	5	1850	430	445	1909	1200	1120	358	1171	2667
3FS(T)(P)-XRF185-2-1-XRF5-14					75	100	3.7	5	1850	430	445	1909	1200	1120	358	1171	2668
3FS(T)(P)-XRF185-2-XRF5-12					75	100	3.7	5	1850	430	445	1909	1200	1120	358	1171	2667
3FS(T)(P)-XRF185-2-XRF5-14					75	100	3.7	5	1850	430	445	1909	1200	1120	358	1171	2668
3FS(T)(P)-XRF185-3-3A-XRF5-14					75	100	3.7	5	1850	430	445	1909	1200	1120	358	1171	2694
3FS(T)(P)-XRF185-3-3A-XRF5-16					75	100	3.7	5	1850	430	445	1909	1200	1120	358	1171	2695
3FS(T)(P)-XRF185-3-3-XRF5-16		PN25	PN25	PN25	90	120	3.7	5	1850	430	445	1909	1200	1120	358	1171	2950
3FS(T)(P)-XRF185-3-3-XRF5-20					90	120	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	2987
3FS(T)(P)-XRF185-3-2-XRF5-20					90	120	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	2987
3FS(T)(P)-XRF185-3-2-XRF5-20					110	120	5.5	7.5	1850	580	350	1909	1200	1120	358	1171	2987
3FS(T)(P)-XRF185-3-XRF5-20					110	150	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	3507
3FS(T)(P)-XRF185-4-4A-XRF5-20					110	150	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	3543
3FS(T)(P)-XRF185-4-4A-XRF5-24					110	150	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	3545
3FS(T)(P)-XRF185-4-4-XRF5-20					132	175	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	3823
3FS(T)(P)-XRF185-4-4-XRF5-24					132	175	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	3825
3FS(T)(P)-XRF185-4-2-XRF5-24		PN40	PN40	PN40	132	175	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	3825

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소방 패키지 시스템 3FS(T)(P)-XRF 215 SERIES



외형도



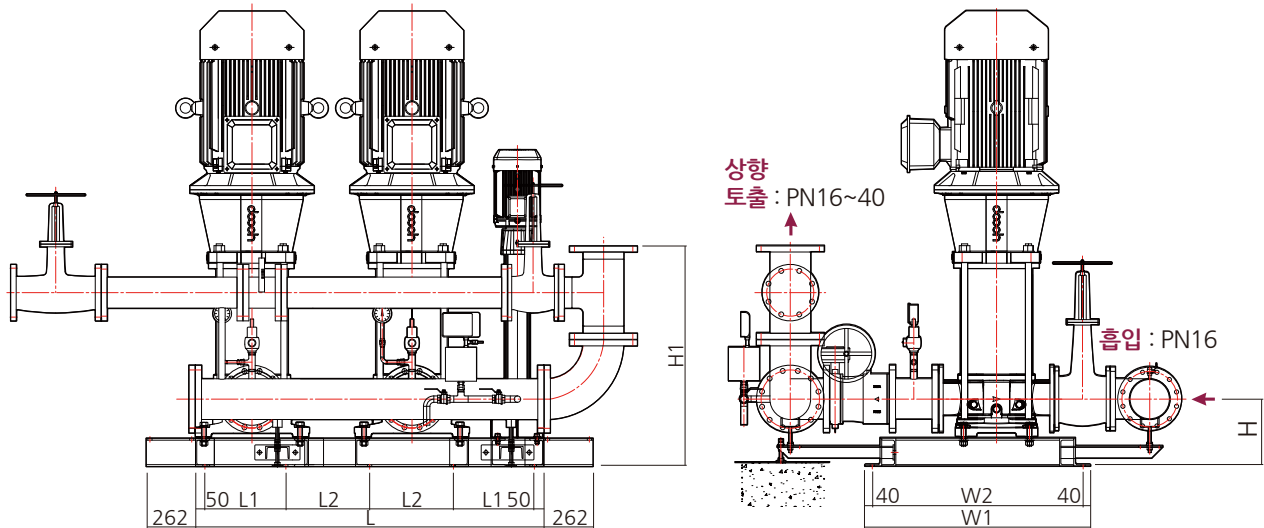
외형치수 및 중량

모 델 명	합류관			성능시험배관		동력				외형치수(mm)								중 량 (kg)
	구경	압력등급		구경	압력 등급	주/예비펌프		총압펌프										
		흡입	토출			kW	HP		kW	HP	L	L1	L2	W	W1	W2	H	
3FS(T)(P)-XRF215-1-1C-XRF5-5	DN200	PN16	DN150	PN16	22	30	1.5	2	1850	430	445	1909	1200	1120	358	1171	1908	
3FS(T)(P)-XRF215-1-1B-XRF5-6					30	40	1.5	2	1850	430	445	1909	1200	1120	358	1171	1938	
3FS(T)(P)-XRF215-1-1A-XRF5-6					30	40	1.5	2	1850	430	445	1909	1200	1120	358	1171	1938	
3FS(T)(P)-XRF215-1-1-XRF5-7					37	50	1.5	2	1850	430	445	1909	1200	1120	358	1171	2073	
3FS(T)(P)-XRF215-1B-XRF5-7					45	60	1.5	2	1850	430	445	1909	1200	1120	358	1171	2099	
3FS(T)(P)-XRF215-1A-XRF5-9					45	60	2.2	3	1850	430	445	1909	1200	1120	358	1171	2100	
3FS(T)(P)-XRF215-1-XRF5-9					55	75	2.2	3	1850	430	445	1909	1200	1120	358	1171	2300	
3FS(T)(P)-XRF215-2-2-XRF5-12					75	100	3.7	5	1850	430	445	1909	1200	1120	358	1171	2685	
3FS(T)(P)-XRF215-2-1A-XRF5-12					75	100	3.7	5	1850	430	445	1909	1200	1120	358	1171	2685	
3FS(T)(P)-XRF215-2-1-XRF5-14					90	120	3.7	5	1850	430	445	1909	1200	1120	358	1171	2806	
3FS(T)(P)-XRF215-2-XRF5-14					110	150	3.7	5	1850	430	445	1909	1200	1120	358	1171	3316	
3FS(T)(P)-XRF215-2-XRF5-16					110	150	3.7	5	1850	430	445	1909	1200	1120	358	1171	3317	
3FS(T)(P)-XRF215-3-2A-XRF5-16		PN25		PN25	110	150	3.7	5	1850	430	445	1909	1200	1120	358	1171	3470	
3FS(T)(P)-XRF215-3-2A-XRF5-20					110	150	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	3507	
3FS(T)(P)-XRF215-3-2-XRF5-20					132	175	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	3787	
3FS(T)(P)-XRF215-3-1-XRF5-20					132	175	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	3787	
3FS(T)(P)-XRF215-3-XRF5-20					160	215	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	4047	
3FS(T)(P)-XRF215-3-XRF5-24					160	215	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	4049	
3FS(T)(P)-XRF215-4-2A-XRF5-24					PN40	PN40	160	215	5.5	7.5	1850	430	445	1909	1200	1120	358	1171

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소방 패키지 시스템 3FS(T)(P)-XRF 255 SERIES

▶ 외형도



▶ 외형치수 및 중량

모 델 명	합류관		성능시험배관		동력				외형치수(mm)								중 량 (kg)
	구경	압력등급 흡입 토출	구경	압력 등급	주/예비펌프		총압펌프		L	L1	L2	W	W1	W2	H	H1	
3FS(T)(P)-XRF255-1-1A-XRF5-6	DN200	PN16	PN16	PN16	37	50	1.5	2	1850	430	445	1909	1200	1120	358	1171	2098
3FS(T)(P)-XRF255-1-1-XRF5-7					45	60	1.5	2	1850	430	445	1909	1200	1120	358	1171	2099
3FS(T)(P)-XRF255-1A-XRF5-7					55	75	1.5	2	1850	430	445	1909	1200	1120	358	1171	2299
3FS(T)(P)-XRF255-1A-XRF5-9					55	75	2.2	3	1850	430	445	1909	1200	1120	358	1171	2300
3FS(T)(P)-XRF255-1-XRF5-9					75	100	2.2	3	1850	430	445	1909	1200	1120	358	1171	2620
3FS(T)(P)-XRF255-2-2D-XRF5-12					55	75	3.7	5	1850	430	445	1909	1200	1120	358	1171	2685
3FS(T)(P)-XRF255-2-2C-XRF5-12					75	100	3.7	5	1850	430	445	1909	1200	1120	358	1171	2685
3FS(T)(P)-XRF255-2-2B-XRF5-12					75	100	3.7	5	1850	430	445	1909	1200	1120	358	1171	2685
3FS(T)(P)-XRF255-2-2A-XRF5-12					75	100	3.7	5	1850	430	445	1909	1200	1120	358	1171	2685
3FS(T)(P)-XRF255-2-2-XRF5-12					90	120	3.7	5	1850	430	445	1909	1200	1120	358	1171	2805
3FS(T)(P)-XRF255-2-1-XRF5-12					110	150	3.7	5	1850	430	445	1909	1200	1120	358	1171	3315
3FS(T)(P)-XRF255-2-1-XRF5-14					110	150	3.7	5	1850	430	445	1909	1200	1120	358	1171	3316
3FS(T)(P)-XRF255-2A-XRF5-14		PN25	DN150	PN25	110	150	3.7	5	1850	430	445	1909	1200	1120	358	1171	3316
3FS(T)(P)-XRF255-2A-XRF5-16					110	150	3.7	5	1850	430	445	1909	1200	1120	358	1171	3317
3FS(T)(P)-XRF255-2-XRF5-14					132	175	3.7	5	1850	430	445	1909	1200	1120	358	1171	3596
3FS(T)(P)-XRF255-2-XRF5-16					132	175	3.7	5	1850	430	445	1909	1200	1120	358	1171	3597
3FS(T)(P)-XRF255-3-3-XRF5-16		PN40	PN40	PN40	132	175	3.7	5	1850	430	445	1909	1200	1120	358	1171	3750
3FS(T)(P)-XRF255-3-3-XRF5-20					132	175	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	3787
3FS(T)(P)-XRF255-3-2A-XRF5-20					132	175	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	3787
3FS(T)(P)-XRF255-3-2-XRF5-16					160	215	3.7	5	1850	430	445	1909	1200	1120	358	1171	4010
3FS(T)(P)-XRF255-3-2-XRF5-20					160	215	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	4047
3FS(T)(P)-XRF255-3-1-XRF5-20					160	215	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	4047
3FS(T)(P)-XRF255-3-1-XRF5-24					160	215	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	4049
3FS(T)(P)-XRF255-3-XRF5-20					200	268	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	4047
3FS(T)(P)-XRF255-3-XRF5-24					200	268	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	4049
3FS(T)(P)-XRF255-4-2-XRF5-24					200	268	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	4135
3FS(T)(P)-XRF255-4-1-XRF5-24					225	300	5.5	7.5	1850	430	445	1909	1200	1120	358	1171	5335

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