



PROUDLY
MADE IN JORDAN



FIRE PUMPS

2019



www.fullblaze-me.com



ABOUT US

Fullblaze Middle East is a quality manufacturer for Fire Protection & Security Systems with a special focus on the Middle East region which is witnessing an outstanding growth in this field.

We are keen to become industry leaders in applying advanced technology to manufacture, assemble and supply our products.

Our products are manufactured to comply with latest standards in the industry including European, British and American Codes and can be customized to meet local regulations by our clients. Our products are approved and listed by most prestigious Certification Bodies such as LPCB; Underwriters Laboratory (UL) and Factory Mutual (FM).

OUR VISION

Fullblaze Middle East's vision is to become the preferred vendor for supplying fire protection and security equipment throughout the region.

OUR MISSION

Fullblaze aims to establish a leading position in the market and offer products to the growing number of clients to meet their demands through competitive pricing, certified products, research and continuous development, follow up and after sales service.

OUR VALUES

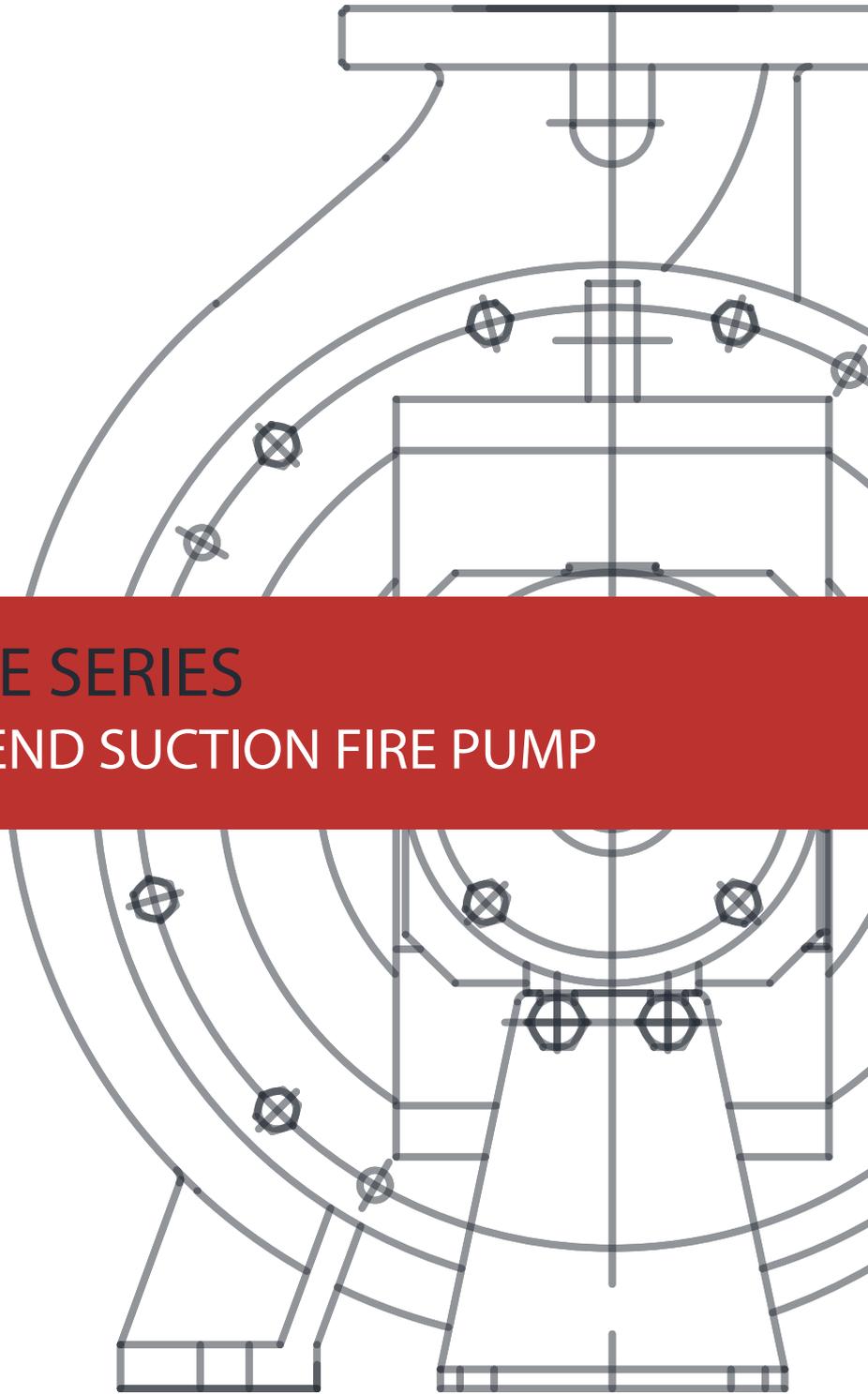
- Integrity
- Accountability
- Innovation
- Humility
- Passion

QUALITY POLICY

Fullblaze Middle East adopts a strict quality policy and implements ISO9001:2015 quality management system.

All Fullblaze Middle East products are listed by worldwide accepted laboratories in the fire industry such as UL, FM, LPCB, ensuring all equipment offered meet our distributors local regulations.





FBP-E SERIES

HORIZONTAL END SUCTION FIRE PUMP

FBP-E SERIES

HORIZONTAL END SUCTION FIRE PUMPS



Overview

FullBlaze Middle East provide various centrifugal pumps that conform to international standards to our customers worldwide.

FBP-E Series of End Suction Fire Pumps have excellent quality, optimized design, high efficiency and the best performance for energy conservation.

Features

- ✓ NFPA 20 and UL 448 fully Compliant
- ✓ UL Listed
- ✓ Hydrostatically tested up to two times working pressure as per UL 448 requirements
- ✓ Operation Test carried for performance curves as per UL 448 requirements and NFPA20 limits
- ✓ Electric UL Listed motor drivers, available in ODP & TEFC enclosures
- ✓ Diesel UL/FM Listed & approved engine drivers
- ✓ Supplied as complete unit with UL/FM Electric & Diesel Pump Controllers
- ✓ Competitively priced with quick delivery lead time
- ✓ Ease of maintenance
- ✓ 18 Months extended warranty

Pump Construction

Pump Part	Construction
Casing	Ductile Iron
Impeller	Bronze
Shaft	Stainless Steel
Shaft Sleeve	Stainless Steel
Stuffing Box	Graphite Packing
Shoulder Ring	Nitrile Rubber
Glands	Stainless Steel
Bearings	Ball Type

Operating Conditions Data

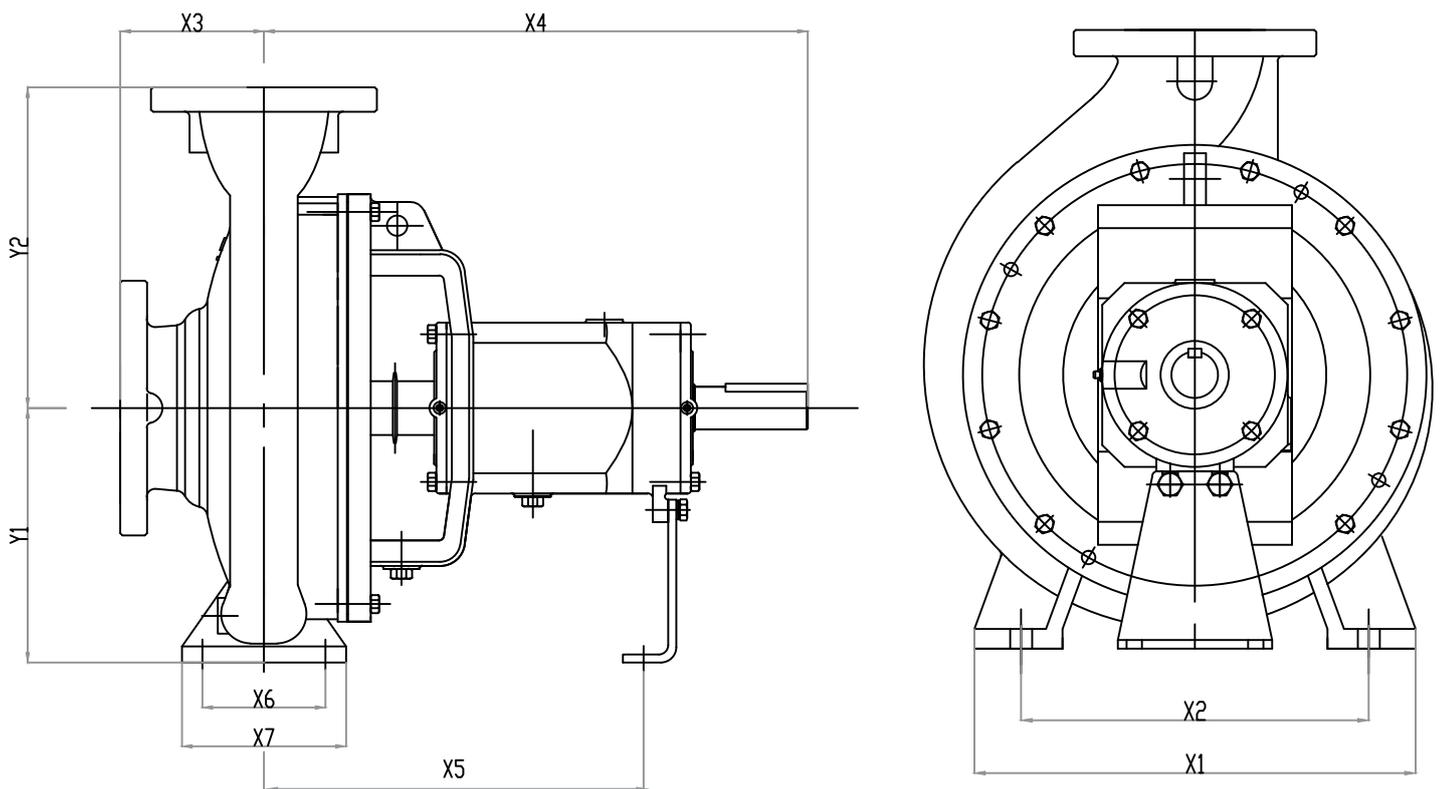
Suction Diameter	65mm - 125mm
Discharge Diameter	40mm - 100mm
Flow Rate (US GPM)	50 - 750 GPM
Head (PSI)	82 - 211 PSI
Speed	2900 rpm
Working Pressure	200 - 290 PSI
Medium Temperature	-10°C ~ +85°C



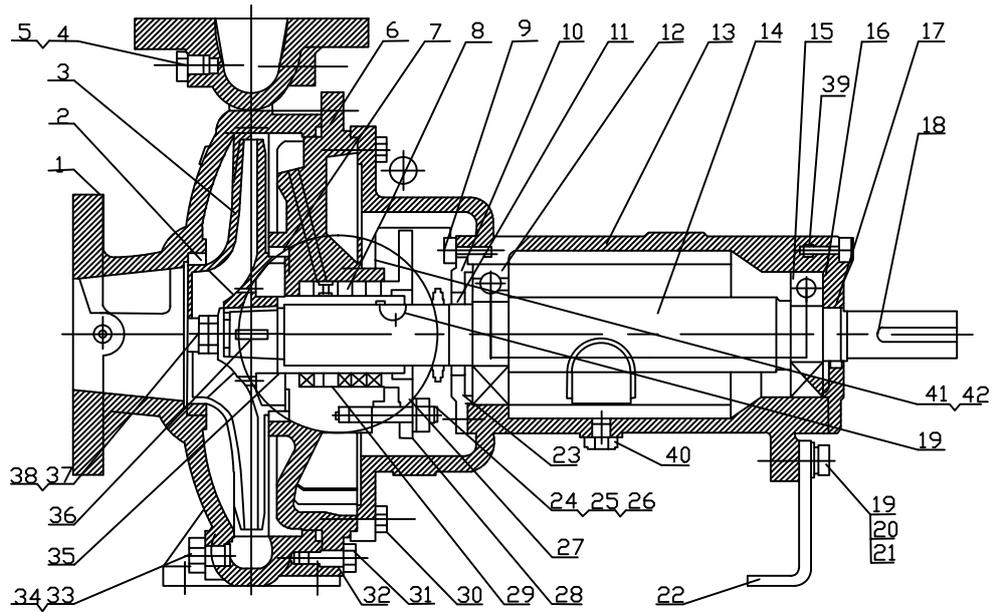
Fire Pump Models With Approved UL Ratings

Model Dsg	Rated Capacity GPM	Rated Net Pressure Range psi	Suction Size (in)	Discharge Size (in)	Approx Speed RPM	Max Working Pressure psi
FBP-E-65/40	50	95-136	2.5	1.5	2900	200
FBP-E-65/40	100	91-131	2.5	1.5	2900	200
FBP-E-65/40	150	82-123	2.5	1.5	2900	200
FBE-E-80/50	150	110-140	3	2	2900	225
FBE-E-80/50	200	106-137	3	2	2900	225
FBE-E-80/50	250	98-133	3	2	2900	225
FBP-E-125/80	400	85-137	5	3	2900	225
FBP-E-125/80	450	83-137	5	3	2900	225
FBP-E-125/100	450	133-211	5	4	2900	290
FBP-E-125/80	500	82-136	5	3	2900	225
FBP-E-125/100	500	133-210	5	4	2900	290
FBP-E-125/100	750	126-204	5	4	2900	290

DIMENSIONAL DRAWING

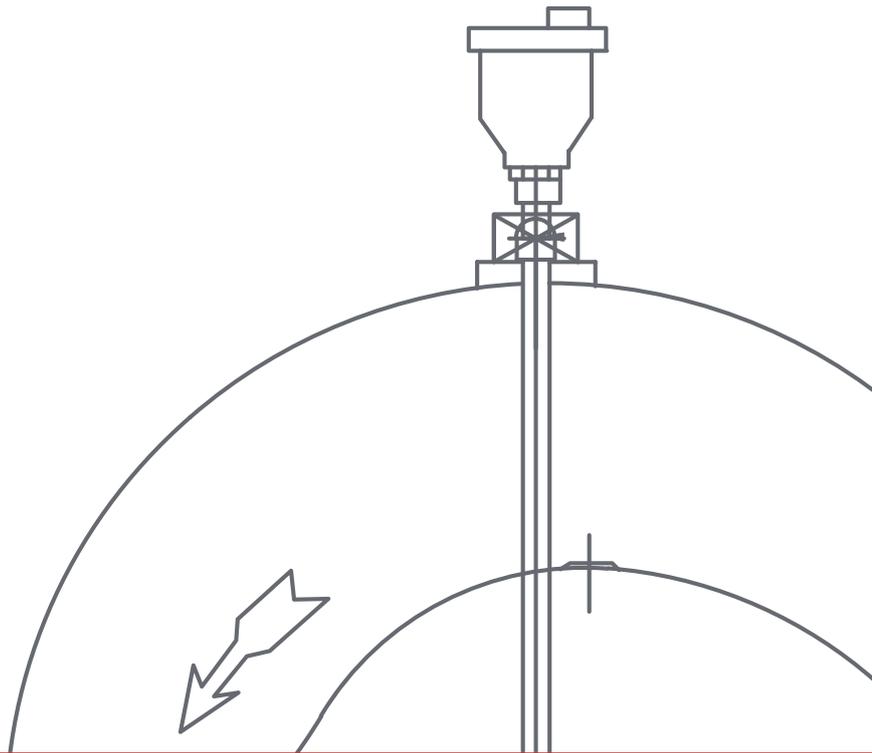


Model	Dimensions (mm)									Suction Size (in)	Discharge Size (in)	Pump Weight
	X1	X2	X3	X4	X5	X6	X7	Y1	Y2			
FBP-E-65/40	320	250	100	500	370	105	130	180	225	2.5"	1.5"	71
FBP-E-80/50	320	250	125	500	370	105	130	180	225	3"	2"	76
FBP-E-125/80	400	315	125	500	370	130	160	225	280	5"	3"	88
FBP-E-125/100	400	315	140	530	370	130	160	250	315	5"	4"	138

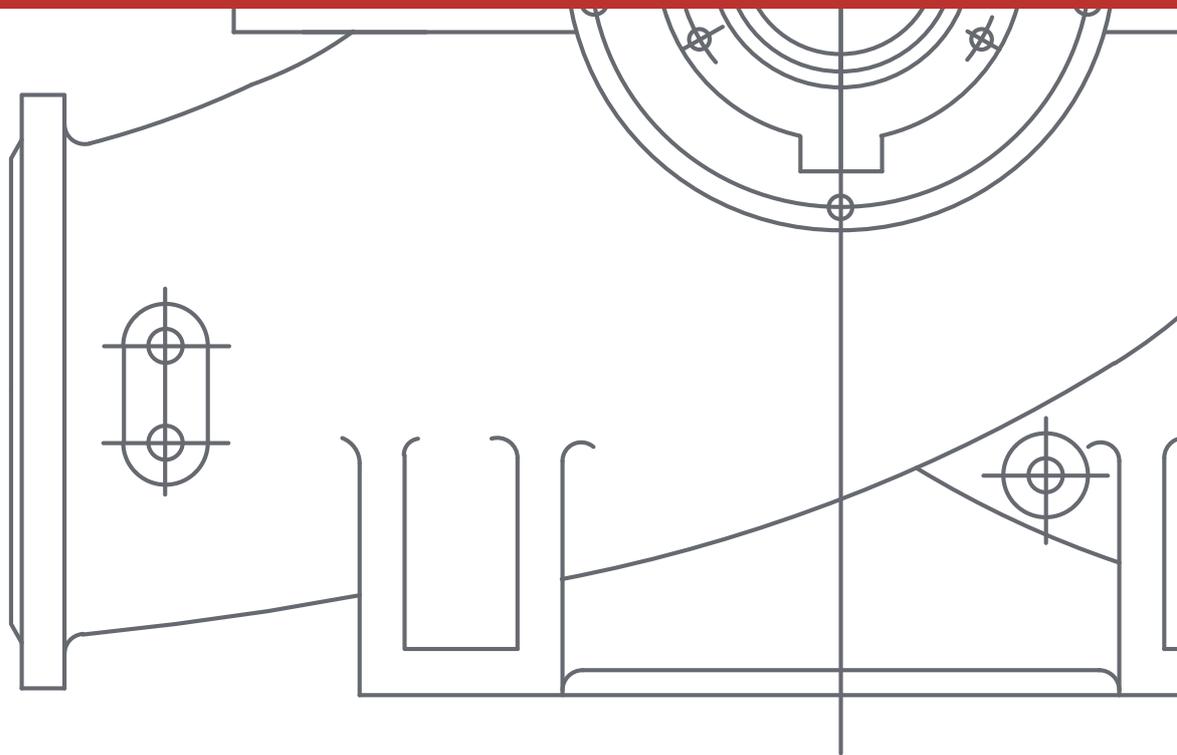


No.	Part Name	Material	Qty
1	Pump Casing	Ductile Iron	1
2	Ware Ring	Brass	1
3	Impeller	Bronze	1
4	Plug	SS304	2
5	Gasket For Plug	PTFE	3
6	Casting Cover	Ductile Iron	1
7	Ware Ring	Brass	1
8	Packing Gland	Graphite	4
9	Bolt	Carbon Steel	8
10	Bearing Cover	HT200	1
11	Oil Seal	NBR	1
12	Bearing		1
13	Bearing Cover	HT200	1
14	Shaft	Stainless Steel	1
15	Bearing		1
16	Bearing Cover	HT200	1
17	Oil Seal	NBR	1
18	Key	Carbon Steel	1
19	Bolt	Carbon Steel	2
20	Gasket	Q235(A)	2
21	Gasket	65Mn	2
22	Support Foot	Q235(A)	1
23	Slinger	NBR	1
24	Nut	SS304	2
25	Bolt	SS304	2
26	Gasket	SS304	2
27	O Ring	Viton	1
28	Seal Cover	SS304	1
29	Lantern Ring	Brass	1
30	Bolt	Carbon Steel	8
31	Bolt	Carbon Steel	8
32	O Ring	Viton	1
33	Plug	SS304	1
34	Gasket For Plug	PTFE	1
35	Shaft Sleeve	SS316	1
36	Key	SS304	1
37	Impeller Circlip	SS304	1
38	Bolt	SS304	1
39	Pin	SS304	1
40	Plug	Q235(A)	1
41	Screw	Carbon Steel	4
42	Bearing Frame Cover	Galvanized Plate	2





FBP-S SERIES HORIZONTAL SPLIT CASE FIRE PUMP



FBP-S SERIES

HORIZONTAL SPLIT CASE FIRE PUMPS



Overview

FullBlaze Middle East provide various centrifugal pumps that conform to international standards to our customers worldwide.

FBP-S Series of Split Case Fire Pumps have excellent quality, optimized design, high efficiency and the best performance for energy conservation.

Features

- ✓ NFPA 20, UL 448 and FM 1311 Compliant
- ✓ UL Listed / FM Approved
- ✓ Hydrostatically tested up to two times working pressure as per UL 448, FM 1311 requirements
- ✓ Operation Test carried for performance curves as per UL 448, FM 1311 requirements and NFPA20 limits
- ✓ Electric UL Listed motor drivers, available in ODP & TEFC enclosures
- ✓ Diesel UL/FM Listed & approved engine drivers
- ✓ Supplied as complete unit with UL/FM Electric & Diesel Pump Controllers
- ✓ Competitively priced with quick delivery lead time
- ✓ Ease of maintenance
- ✓ 18 Months extended warranty

Pump Construction

Pump Part	Construction
Casing	Ductile Iron
Impeller	Bronze
Shaft	Stainless Steel
Shaft Sleeve	Stainless Steel
Stuffing Box	Graphite Packing
Shoulder Ring	Cast Iron
Glands	Bronze
Bearings	Ball Type

Operating Conditions Data

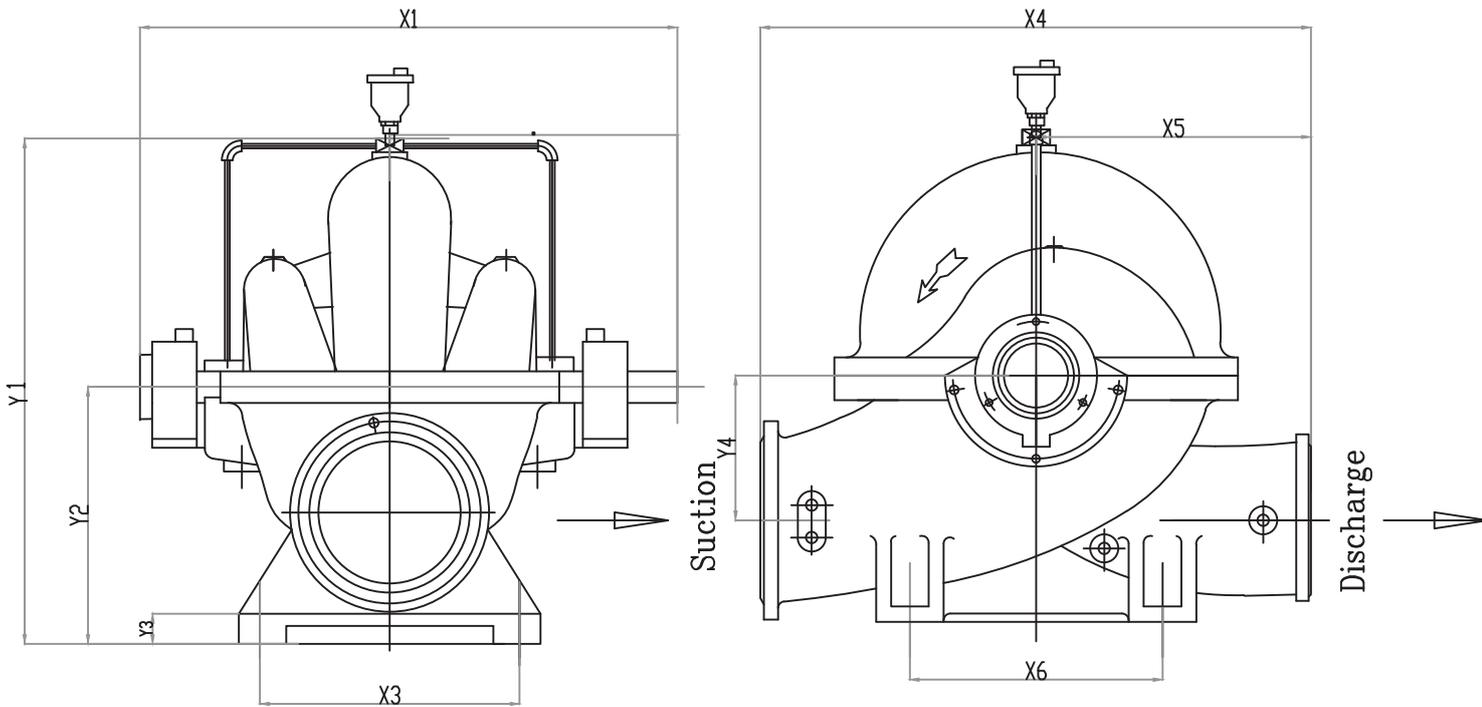
Suction Diameter	125mm - 200mm
Discharge Diameter	80mm - 125mm
Flow Rate (US GPM)	500 - 1500 GPM
Head (PSI) *	90 - 239 PSI
Speed	(2950-2980) rpm
Working Pressure	253 - 326 PSI
Medium Temperature	-10°C ~ +85°C

(*): Rated Heads At 2980 rpm



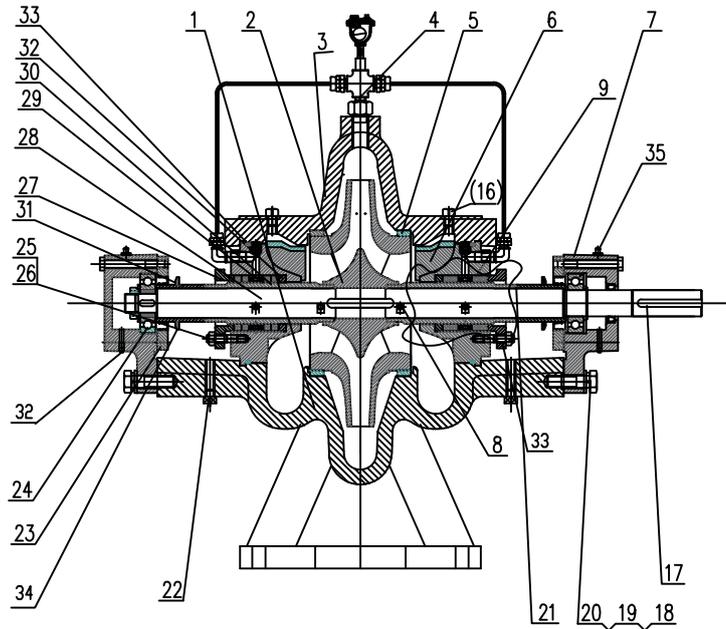
Model Dsg	Rated Capacity GPM	Rated Net Pressure Range psi	Suction Size (in)	Discharge Size (in)	Approx Speed RPM	Max Working Pressure psi
FBP-S-80/270	500	90-159	5	3	2980	253
FBP-S-100/310	750	120-239	6	4	2980	326
FBP-S-100/310	1000	110-235	6	4	2980	326
FBP-S-125/290	1250	124-200	8	5	2980	290
FBP-S-125/290	1500	117-192	8	5	2980	290

DIMENSIONAL DRAWING



Model	Dimensions (mm)										Suction Size (in)	Discharge Size (in)	Pump Weight (kg)
	X1	X2	X3	X4	X5	X6	Y1	Y2	Y3	Y4			
FBP-S-80/270	788	441	270	600	300	340	600	315	30	140	5	3	210
FBP-S-100/310	800	453.5	270	660	330	400	700	355	30	170	6	4	280
FBP-S-125/290	881.5	515.5	340	740	370	450	705	400	30	200	8	5	330

PARTS LIST



No.	Part Name	Material	Qty
1	Casing	UNS F32800	1
2	Impeller	ASTM C83600	1
3	Casing Cover	UNS F32800	1
4	Flashing Pipe	SS304	1
5	Wear Ring	ASTM C83600	2
6	Seal Housing	UNS F32800	2
7	Bearing Housing	UNS F12101	1
8	Gland Packing	YS250-F	8
9	Bearing Housing	ASTM No.30	1
10	Gasket	Fish paper	1
11	Stud	AISI 4135	12
12	Nut	AISI 1045	12
13	Nut	ASTM A570 Cr.A	2
14	Pin	AISI 1035	2
15	Drain Plug	SS304	14
16	Key	AISI 1045	1
17	Bolts	ASTM A570 Cr.A	6
18	Washer	AISI 1066	6
19	Washer	Mild Steel	6
20	Flexible Pin	SS304	4
21	Plug	SS304	2
22	Bearing Cover	UNS F32800	2
23	SKF bearing		2
24	Stud	SS304	4
25	Nut	SS304	4
26	Packing Gland	C95200	2
27	Shaft	ANSI4135	1
28	Seal Cage (Lantern ring)	SS304	2
29	Shaft Sleeve	SS304	2
30	Gland packing ring	ASTM A570 Cr.A	2
31	O Ring	Nitrile Butadiene Rubber	2
32	Relief Hole	SS304	2
33	Stuffing Box	Cast Iron	2
34	Water Thrower		2
35	Grease inlet		2





CERTIFICATES

CERTIFICATE

This is to Certify that the Quality Management System of **FULLBLAZE MIDDLE EAST.** Zargha Free Zone, Zargha, Jordan.

has been independently assessed and is compliant with the requirements of **ISO 9001:2015**

This Certificate is applicable to the following product or service ranges:
Manufacturing and Supply of Fire Protection Equipments

∴ Certificate No ∴ JO85528A

Date of initial registration 09 May 2019
Date of this Certificate 09 May 2019
Surveillance audit on or before 08 May 2020
Recertification Due / Certificate expiry 08 May 2022

This Certificate is property of IAS Certification and remains valid subject to satisfactory surveillance audits.

Director

IAS IAF

LMB Certification Limited
30 Park Hill, Huddersfield, HD2 1QG, West Yorkshire, United Kingdom.
Phone: +44 1484 250004
Email: info@lmbcert.com

**ISO9001 : 2015
CERTIFICATE**

1/19/2017 QWZU,EX27094 - Centrifugal Fire Pumps, End Suction

UL ONLINE CERTIFICATIONS DIRECTORY

QWZU,EX27094
Centrifugal Fire Pumps, End Suction

Page Bottom

Centrifugal Fire Pumps, End Suction

See General Information for Centrifugal Fire Pumps, End Suction

FULLBLAZE MIDDLE EAST
Expansionist Area- Zargha Free Zone
PO Box 19083
Amman, 11196 JORDAN

EX27094

Rated Capacity GPM	Size In.	Model Dsg	Rated Net Pressure Range psi	Approx Speed RPM	Max Working Pressure psi
50	2,5x1,5	FBP-S-6S/40	95-136	2900	200
100	2,5x1,5	FBP-S-6S/40	91-131	2900	200
150	2,5x1,5	FBP-S-6S/40	82-123	2900	200
150	3x2	FBP-S-40/50	110-140	2900	225
200	3x2	FBP-S-40/50	106-137	2900	225
250	3x2	FBP-S-40/50	98-133	2900	225
400	5x3	FBP-S-125/80	85-137	2900	225
450	5x3	FBP-S-125/80	85-137	2900	225
450	5x4	FBP-S-125/100	133-211	2900	290
500	5x3	FBP-S-125/80	82-136	2900	225
500	5x4	FBP-S-125/100	133-210	2900	290
750	5x4	FBP-S-125/100	128-204	2900	290

Last Updated on 2017-01-04

Questions? Print this page Terms of Use Page Top

© 2016 UL LLC

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings); 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2016 UL LLC".

**UL CERTIFICATE
END SUCTION PUMPS**

1/19/2017 QXJY,EX27302 - Centrifugal Fire Pumps, Split Case

UL ONLINE CERTIFICATIONS DIRECTORY

QXJY,EX27302
Centrifugal Fire Pumps, Split Case

Page Bottom

Centrifugal Fire Pumps, Split Case

See General Information for Centrifugal Fire Pumps, Split Case

FULLBLAZE MIDDLE EAST
Expansionist Area- Zargha Free Zone
PO Box 19083
Amman, 11196 JORDAN

EX27302

Fire pumps, single stage

Rated Capacity (gpm)	Size (in.)	Model Dsg	Rated Net Pressure Range (psi)	Approx Speed (rpm)	Max Working Pressure (psi)
500	5x3	FBP-S-80/270	90-159	2980	253
750	6x4	FBP-S-100/310	120-239	2980	326
1000	6x4	FBP-S-100/310	110-235	2980	326
1250	8x5	FBP-S-125/290	124-200	2980	290
1500	8x5	FBP-S-125/290	117-192	2980	290

Last Updated on 2017-01-04

Questions? Print this page Terms of Use Page Top

© 2016 UL LLC

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings); 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2016 UL LLC".

**UL CERTIFICATE
SPLIT CASE PUMPS**

FM APPROVED

Certificate of Compliance
This certificate is issued for the following:
Centrifugal Fire Pumps - Axial Split-Case Type

FBP-S-80/270
FBP-S-100/310
FBP-S-125/290
(See Listing Attached)

Prepared for:
Fullblaze Middle East
Zargha Free Zone New Expansionist Area
Amman 11192
Jordan

FM Approvals Class: 1311, dated January 2018
Approval Identification: 0003062763 Approval Granted: January 14, 2019

To verify the product continues to be Approved please refer to www.approvalguide.com.

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

S. B. Fuller
S. B. Fuller
VP, Manager - Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062 USA

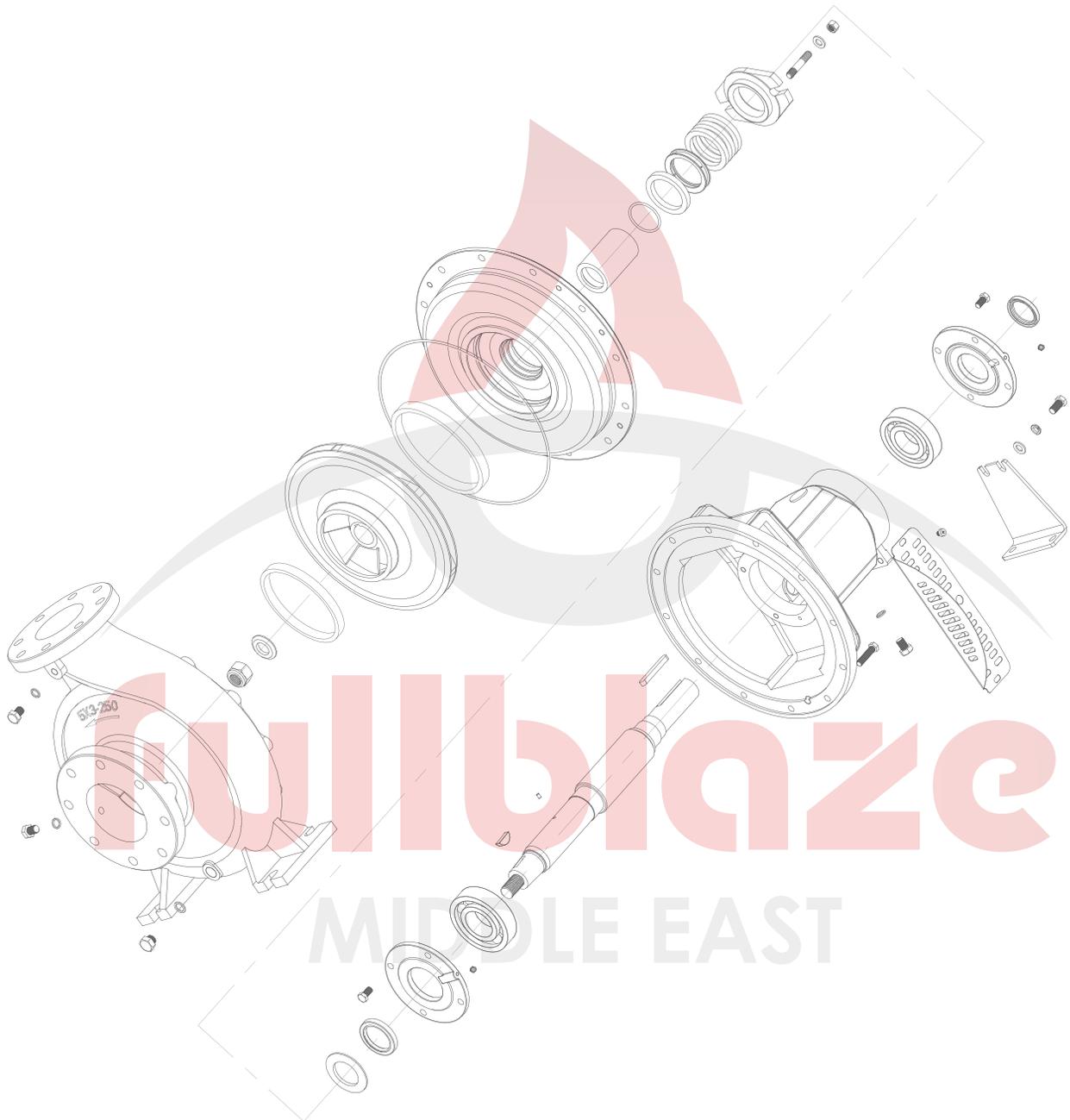
FM Approvals
Member of the FM Global Group

Page 1 of 2

**FM CERTIFICATE
SPLIT CASE PUMPS**



**PROUDLY
MADE IN JORDAN**



FullBlaze Middle East FZC
New Expansionist Area
Zarqa Free Zone
Jordan

+ 962 6 4893376 / 962 6 4893377
+ 962 6 4893372
FullBlazeMiddleEast
FullBlaze Middle East
sales@fullblaze-me.com

