

Series FXA Order Guide



Build Part Number

F	A	3	4	5	-	7	8	9	10	11	12	13	14
----------	----------	---	---	---	---	---	---	---	----	----	----	----	----

A complete Series FXA part number is 11 or 15 digits depending on selected options. For example, FA38--A2JC or FA9P2-C2TDC2TD. Note that some codes are multiple digits.

DIGIT	CODE	PUMP TYPE
1-2	FA	FIXED ECCENTRIC SIZE A

DIGIT	CODE	PUMP CONFIGURATION
3	3	SINGLE HEAD
	4	DUAL HEAD SIMULTANEOUS*
	9	DUAL HEAD WORKING + STANDBY**

*Dual head simultaneous is VFD control only.

**Includes handwheel clutch to allow operator to engage one pump at a time.

DIGIT	CODE	GEARBOX REDUCER
4	A	ATEX 16 MM SHAFT - No Gear Reducer
	B	NEMA 145TC 13.18:1
	C	NEMA 145TC 27.55:1
	P	IEC 80B5 13.18:1 ATEX Cat.3G Zone 2
	Q	IEC 80B5 27.55:1
	R	IEC 90B5 13.18:1 ATEX Cat.3G Zone 2
	X	IEC SHAFT - No Gear Reducer
	Y	NO GEARBOX, INCLUDES SHAFT*
	Z	NEMA 5/8 SHAFT - No Gear Reducer

*Option Y only available for CheckPoint offices.

DIGIT	CODE	HYDRAULIC SPEED VARIATOR*
5	1	NEMA 145TC
	2	IEC 80B5 ATEX Cat.3G Zone 2
	3	IEC 90B5 ATEX Cat.3G Zone 2
	-	NO VARIATOR

*Variator control requires 13:1 gearbox and 1HP (0.75kW) motor.

DIGIT	CODE	SPECIAL
6	-	NONE

1 CONFIGURATION

DIGIT	CODE	HEAD SERIES & POSITION
7	A	1250 LEFT
	C	1500 LEFT

DIGIT	CODE	PLUNGER MATERIAL
8	1	316SS
	2	CERAMIC COATED HASTELLOY*
	3	DUPLEX 2205
	4	HASTELLOY C276
	5	TITANIUM
	6	SOLID CERAMIC**

* 1500 1.5" plunger is ceramic coated 316SS.

** Available for series 1250 head in 1/4" & 3/8" plunger sizes only.

DIGIT	CODE	HEAD DETAIL
9	A	1/8 1250 MODULAR
	C	1/8 1250 DEDICATED HP
	E	3/16 1250 MODULAR
	Y	3/16 1250 DEDICATED HP
	G	1/4 1250 MODULAR
	J	1/4 1250 DEDICATED HP
	K	3/8 1250 MODULAR
	M	1/2 1250 MODULAR
	P	1/2 1250 EXTREME VISCOSITY
	Q	3/8 1500 DEDICATED HP
	R	1/2 1500 MODULAR
	S	1/2 1500 DEDICATED HP
	T	3/4 1500 MODULAR
	U	3/4 1500 EXTREME VISCOSITY
	V	1 1500 MODULAR
	W	1 1500 EXTREME VISCOSITY
	X	1-1/2 1500 DEDICATED

DIGIT	CODE	HEAD & SEAL MATERIALS*
10	A	316SS VITON
	B	316SS HNBR
	C	316SS FKM
	D	316SS FFKM 1250
		316SS FFKM 1500 3/8"-1"
		316SS FFKM 1500 1.5"
	E	HAST VITON 1250
	F	HAST HNBR 1250
		HAST HNBR 1500
	G	HAST FKM 1250
		HAST FKM 1500
	H	HAST FFKM 1250
		HAST FFKM 1500 3/8"-1"
		HAST FFKM 1500 1.5"
	J	PVC VITON 1250
	K	PVC HNBR 1250
		PVC HNBR 1500 3/8"-1"***
	L	PVC FKM 1250
		PVC FKM 1500 3/8"-1"***
M	PVC FFKM 1250	
	PVC FFKM 1500 3/8"-1"***	
N	Ti VITON	
P	Ti HNBR	
Q	Ti FKM	
R	Ti FFKM	
S	2205 VITON	
T	2205 HNBR	
U	2205 FKM	
V	2205 FFKM	

* Defines wetted materials only. Flange, plunger adapter, & bolts remain 316SS.

** PVC head with hastelloy check valves setup not available for 1500-1.5".

If pump configuration is single head, stop part number here.

PUMP HEAD 2 CONFIGURATION

Only continue if pump configuration is dual head.

DIGIT	CODE	HEAD SERIES & POSITION
11	B	1250 RIGHT
	D	1500 RIGHT

DIGIT	CODE	PLUNGER MATERIAL
12		SAME CODE OPTIONS AS DIGIT 8

DIGIT	CODE	HEAD DETAIL
13		SAME CODE OPTIONS AS DIGIT 9

DIGIT	CODE	HEAD & SEAL MATERIALS*
14		SAME CODE OPTIONS AS DIGIT 10

NOTE

VFD cannot be combined with variator control.

VFD Benefits: Lower min flow, Higher max flow, Supports dual head simultaneous configuration, Only automation ready option, Additional electronic motor protections

Variator Benefits: Local mechanical control; Reduced electrical hookup

MOTOR SOLD SEPARATELY

*Refer to motor chart for power. Frame must be NEMA 56C with 7/8" shaft adapter, NEMA 143/145TC, or IEC 80B5. Variator can use fixed speed. VFD requires 35:1 constant torque (CT) variable speed, but inverter duty 1000:1 recommended.