

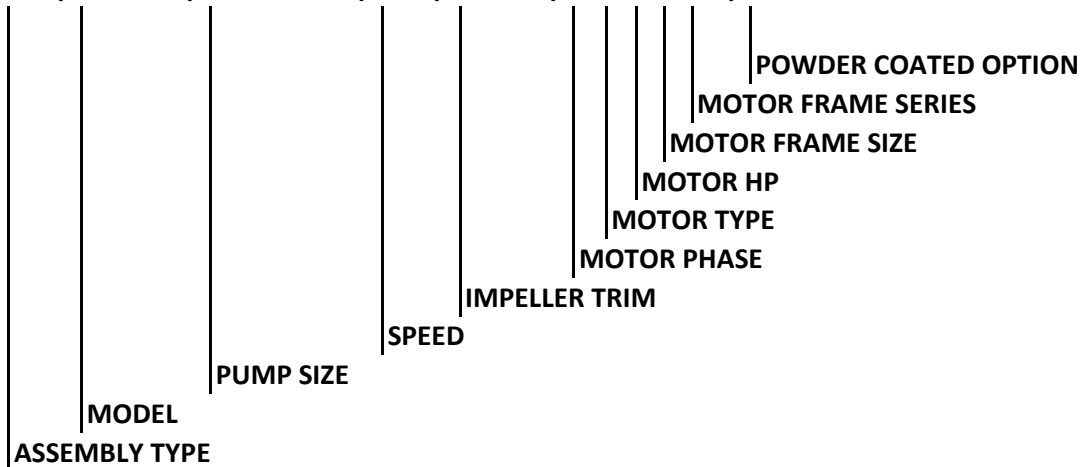


# 850 PUMP W/ MOTOR

## DESIGNATION SYSTEM

**DESCRIPTION LEGEND**

XX / XXXXX / XXxXX-XX / XX / XXY / X X X X X / X



**ASSEMBLY TYPE**

NONE = COMPLETE PUMP  
 BP = BACK PULLOUT (NO CASE)

**MODEL**

850CC = CLOSE COUPLED

**PUMP SIZE**

3X2-8  
 3X2-8M  
 3X1.5-10  
 3X1.5-10T  
 4X3-10  
 4X3-10T  
 5X4-10  
 5X4-10T  
 8X6-10  
 4X3-12  
 5X4-12T  
 8X8-13  
 6X5-14T  
 8X6-14T

**SPEED**

2P = 3600 RPM (2-POLE)  
 4P = 1800 RPM (4-POLE)  
 6P = 1200 RPM (6-POLE)

**IMPELLER TRIM**

XXYY = XX.YY TRIM

**MOTOR PHASE**

S = SINGLE PHASE  
 T = THREE PHASE

**MOTOR TYPE**

O = ODP  
 T = TEFC

**MOTOR HP**

2 = 2HP  
 3 = 3HP  
 5 = 5HP  
 7 = 7.5HP  
 etc.

**MOTOR FRAME SIZE**

A = 143	N = 284
B = 145	P = 286
C = 143/145	Q = 284/286
D = 182	R = 324
E = 184	S = 326
F = 182/184	T = 324/326
G = 213	U = 364
H = 215	V = 365
J = 213/215	W = 364/365
K = 254	X = 404
L = 256	Y = 405
M = 254/256	Z = 404/405

**MOTOR FRAME SERIES**

M = JM MOTOR FRAME  
 P = JP MOTOR FRAME

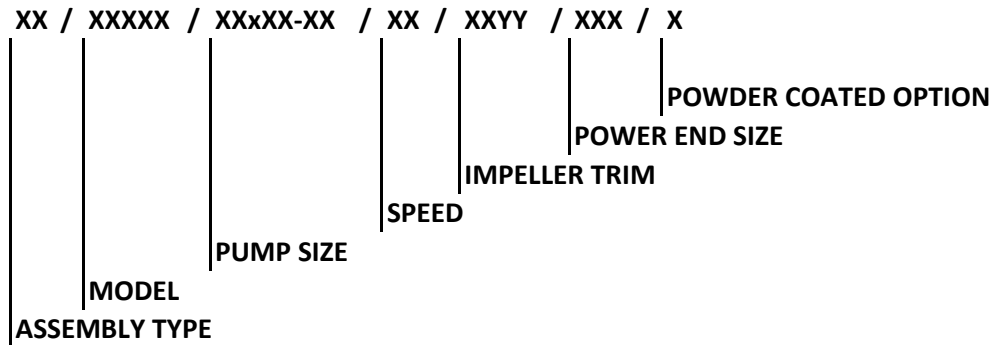
**POWDER COATED OPTION**

X = NONE  
 PC1 = CASE/BACKET (INTERNAL)  
 PC2 = CASE/BACKET/  
       IMPELLER (INTERNAL)  
 PC3 = CASE/BACKET (INTERNAL &  
       EXTERNAL)  
 PC4 = CASE/BACKET/IMPELLER  
       (INTERNAL & EXTERNAL)



# 850 PUMP W/O MOTOR/PF DESIGNATION SYSTEM

## DESCRIPTION LEGEND



### ASSEMBLY TYPE

LE = LIQUID END (NO MOTOR/PF)  
BR = BACK PULLOUT REPLACEMENT  
(NO CASE, NO MOTOR/PF)

### MODEL

850CC = CLOSE COUPLED  
850FM = FRAME MOUNTED

### PUMP SIZE

3X2-8  
3X2-8M  
3X1.5-10  
3X1.5-10T  
4X3-10  
4X3-10T  
5X4-10  
5X4-10T  
8X6-10  
4X3-12  
5X4-12T  
8X8-13  
6X5-14T  
8X6-14T

### SPEED

2P = 3600 RPM (2-POLE)  
4P = 1800 RPM (4-POLE)  
6P = 1200 RPM (6-POLE)

### IMPELLER TRIM

XXYY = XX.YY TRIM

### POWER END SIZE

JM1 = 143JM,145JM,182JM,184JM  
JM2 = 213JM,215JM  
JM3 = 254JM,256JM  
JM4 = 284JM,286JM,324JM,326JM  
JM5 = 364JM,365JM  
JP1 = 143JP,145JP,182JP,184JP  
JP2 = 213JP,215JP,254JP,256JP  
JP3 = 284JP,286JP,324JP,326JP  
JP4 = 364JP,365JP,404JP,405JP  
CIS = Small Power Frame  
CIM = Medium Power Frame  
CIL = Large Power Frame

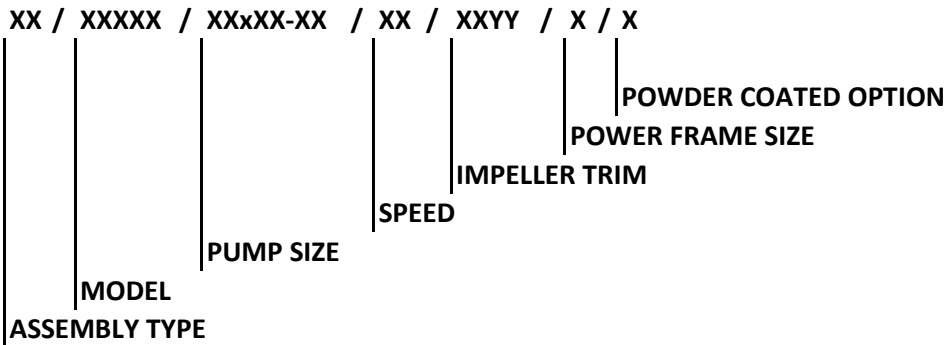
### POWDER COATED OPTION

X = NONE  
PC1 = CASE/BRACKET (INTERNAL)  
PC2 = CASE/BRACKET/  
IMPELLER (INTERNAL)  
PC3 = CASE/BRACKET (INTERNAL &  
EXTERNAL)  
PC4 = CASE/BRACKET/IMPELLER  
(INTERNAL & EXTERNAL)



# 850 FRAME MOUNTED PUMP DESIGNATION SYSTEM

## DESCRIPTION LEGEND



### ASSEMBLY TYPE

NONE = COMPLETE PUMP  
BP = BACK PULLOUT (NO CASE)

### MODEL

850FM = FRAME MOUNTED

### PUMP SIZE

3X2-8  
3X2-8M  
3X1.5-10  
3X1.5-10T  
4X3-10  
4X3-10T  
5X4-10  
5X4-10T  
8X6-10  
4X3-12  
5X4-12T  
8X8-13  
6X5-14T  
8X6-14T

### SPEED

2P = 3600 RPM (2-POLE)  
4P = 1800 RPM (4-POLE)  
6P = 1200 RPM (6-POLE)

### IMPELLER TRIM

XXYY = XX.YY TRIM

### POWER FRAME SIZE

S = SMALL POWER FRAME  
M = MEDIUM POWER FRAME  
L = LARGE POWER FRAME

### POWDER COATED OPTION

X = NONE  
PC1 = CASE/BRACKET (INTERNAL)  
PC2 = CASE/BRACKET/  
IMPELLER (INTERNAL)  
PC3 = CASE/BRACKET (INTERNAL &  
EXTERNAL)  
PC4 = CASE/BRACKET/IMPELLER  
(INTERNAL & EXTERNAL)



# ADDITIONAL 850 OPTIONS

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## DESCRIPTION LEGEND

XX / XXXXX / XXxXX-XX / XX / XXYY / X X X X X / X\_SXXX

SEAL MATERIAL OPTIONS

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## SEAL MATERIAL OPTIONS

NONE = CARBON/CERAMIC/BUNA-N (STANDARD)

CSB = CARBON/SIC/BUNA-N

CNB = CARBON/NI-RESIST/BUNA-N

SSB = SIC/SIC/BUNA-N

STB = SIC/TC/BUNA-N

CCV = CARBON/CERAMIC/VITON

CSV = CARBON/SIC/VITON

CNV = CARBON/NI-RESIST/VITON

SSV = SIC/SIC/VITON

STV = SIC/TC/VITON

CCE = CARBON/CERAMIC/EPDM

CSE = CARBON/SIC/EPDM

CNE = CARBON/NI-RESIST/EPDM

SSE = SIC/SIC/EPDM

STE = SIC/TC/EPDM



# 850 SPARE PART IMPELLER

## DESIGNATION SYSTEM

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### DESCRIPTION LEGEND

IMP / XXXXXXX / XXY



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### IMPELLER TRIM

XY = XX.YY TRIM