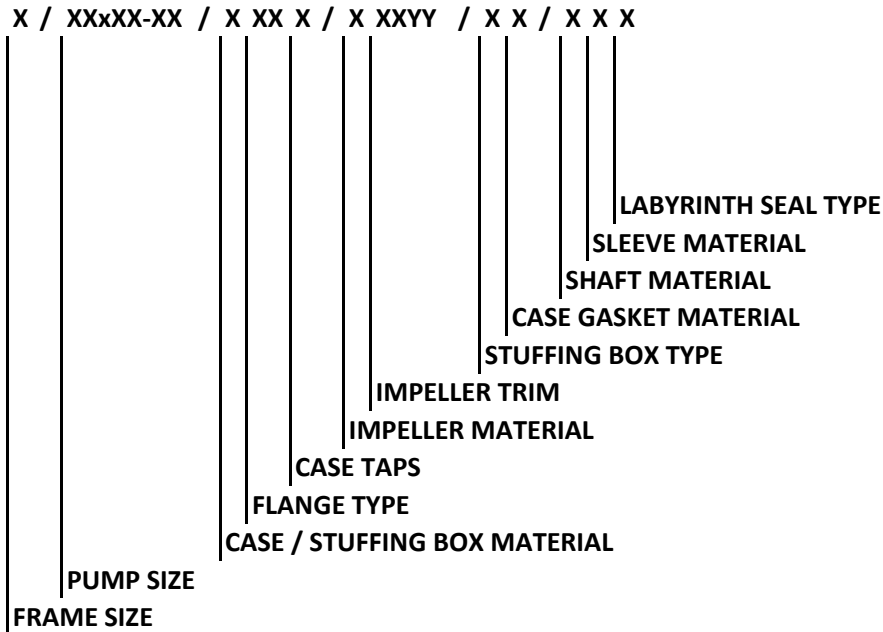




811 PUMP DESIGNATION SYSTEM

DESCRIPTION LEGEND



FRAME SIZE

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

PUMP SIZE

811 OR 811SP PUMP MODEL

CASE / STUFFING BOX MATERIAL

D = DUCTILE IRON
S = CF8M STAINLESS STEEL
8 = CF8M STAINLESS STEEL
(NO MAT'L UPGRADES)
4 = CD4MCuN (DUPLEX)
2 = ALLOY 20

FLANGE TYPE

01 = 150# FF
R1 = 150# RF
03 = 300# FF
R3 = 300# RF

CASE TAPS

X = NONE
A = DRAIN
B = DISCHARGE
C = SUCTION
D = DRAIN & DISCHARGE
E = DRAIN & SUCTION
F = DISCHARGE & SUCTION
G = DRAIN, DISC. & SUCT.

IMPELLER MATERIAL

D = DUCTILE IRON
S = CF8M STAINLESS STEEL
4 = CD4MCuN (DUPLEX)
2 = ALLOY 20

IMPELLER TRIM

XXYY = XX.YY IMPELLER TRIM

STUFFING BOX TYPE

S = STANDARD BORE
T = TAPER BORE
L = LARGE BORE

CASE GASKET MATERIAL

E = EPDM
T = TEFLON
G = GYLON

SHAFT MATERIAL

C = 4140 CARBON STEEL
S = 316 STAINLESS STEEL

SLEEVE MATERIAL

N = NONE (SOLID SHAFT)
S = 316 STAINLESS STEEL
2 = ALLOY 20

LABYRINTH SEAL TYPE

B = BRONZE
S = STAINLESS STEEL
T = TEFLON

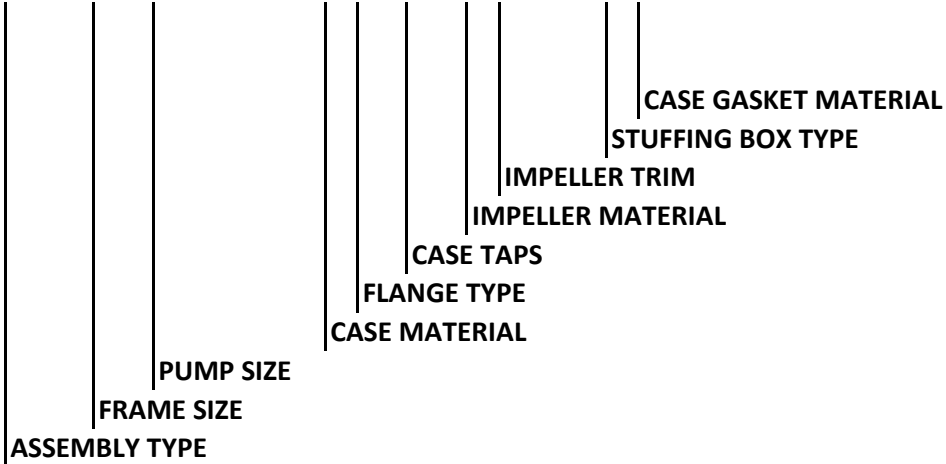


811 LIQUID END PUMP KIT

DESIGNATION SYSTEM

DESCRIPTION LEGEND

LEP / X / XXxXX-XX / X XX X / X XXYY / X X



ASSEMBLY TYPE

LEP = LIQUID END PUMP KIT

FRAME SIZE

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

PUMP SIZE

811 OR 811SP PUMP MODEL

CASE MATERIAL

D = DUCTILE IRON
S = CF8M STAINLESS STEEL
8 = CF8M STAINLESS STEEL
(NO MAT'L UPGRADES)
4 = CD4MCuN (DUPLEX)
2 = ALLOY 20

FLANGE TYPE

01 = 150# FF
R1 = 150# RF
03 = 300# FF
R3 = 300# RF

CASE TAPS

X = NONE
D = DRAIN & DISCHARGE

IMPELLER MATERIAL

D = DUCTILE IRON
S = CF8M STAINLESS STEEL
4 = CD4MCuN (DUPLEX)
2 = ALLOY 20

IMPELLER TRIM

XXYY = XX.YY IMPELLER TRIM

STUFFING BOX TYPE

X = NO STUFFING BOX

CASE GASKET MATERIAL

E = EPDM

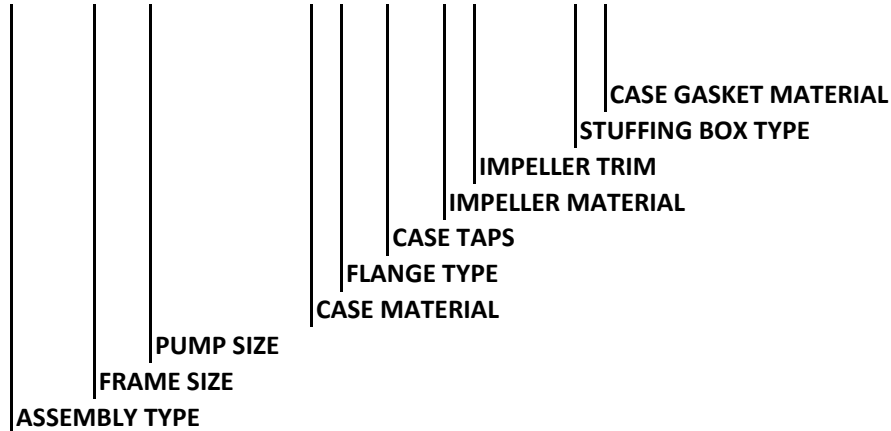


811 LIQUID END REPAIR KIT

DESIGNATION SYSTEM

DESCRIPTION LEGEND

LER / X / XXxXX-XX / X XX X / X XXY / X X



ASSEMBLY TYPE

LER = LIQUID END REPAIR KIT

FRAME SIZE

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

PUMP SIZE

811 OR 811SP PUMP MODEL

CASE MATERIAL

D = DUCTILE IRON
S = CF8M STAINLESS STEEL
8 = CF8M STAINLESS STEEL
(NO MAT'L UPGRADES)
4 = CD4MCuN (DUPLEX)
2 = ALLOY 20

FLANGE TYPE

01 = 150# FF
R1 = 150# RF
03 = 300# FF
R3 = 300# RF

CASE TAPS

X = NONE
A = DRAIN
B = DISCHARGE
C = SUCTION
D = DRAIN & DISCHARGE
E = DRAIN & SUCTION
F = DISCHARGE & SUCTION
G = DRAIN, DISC. & SUCT.

IMPELLER MATERIAL

D = DUCTILE IRON
S = CF8M STAINLESS STEEL
4 = CD4MCuN (DUPLEX)
2 = ALLOY 20

IMPELLER TRIM

XXYY = XX.YY IMPELLER TRIM

STUFFING BOX TYPE

S = STANDARD BORE
T = TAPER BORE
L = LARGE BORE

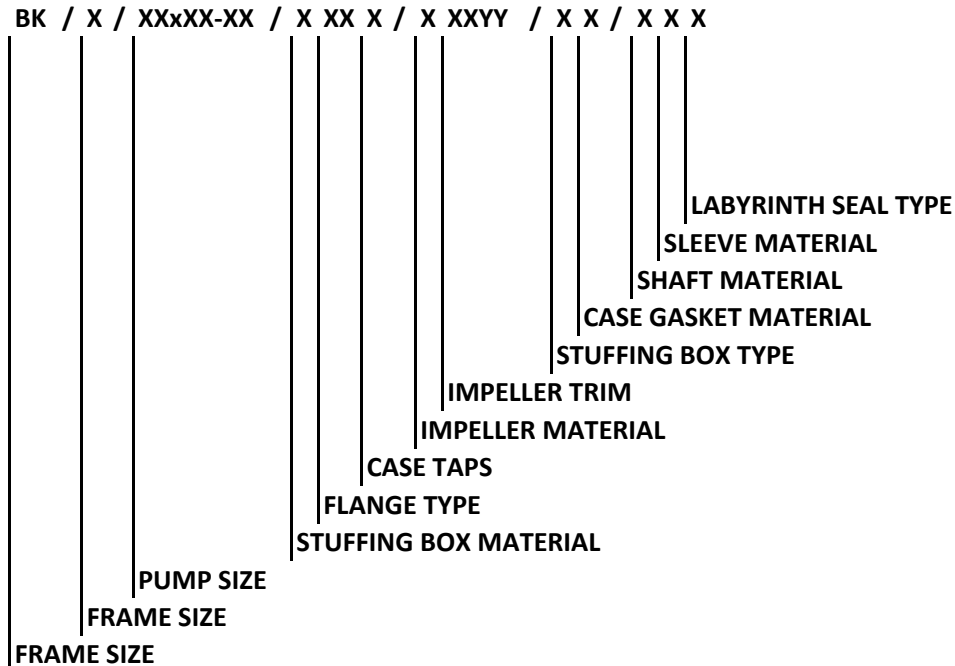
CASE GASKET MATERIAL

E = EPDM
T = TEFLON
G = GYLON



811 BACK PULLOUT DESIGNATION SYSTEM

DESCRIPTION LEGEND



ASSEMBLY TYPE

BK = BACK PULLOUT KIT

FRAME SIZE

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

PUMP SIZE

811 OR 811SP PUMP MODEL

STUFFING BOX MATERIAL

D = DUCTILE IRON
S = CF8M STAINLESS STEEL
8 = CF8M STAINLESS STEEL
(NO MAT'L UPGRADES)
4 = CD4MCuN (DUPLEX)
2 = ALLOY 20

FLANGE TYPE

XX = NOT APPLICABLE

CASE TAPS

X = NOT APPLICABLE

IMPELLER MATERIAL

D = DUCTILE IRON
S = CF8M STAINLESS STEEL
4 = CD4MCuN (DUPLEX)
2 = ALLOY 20

IMPELLER TRIM

XXYY = XX.YY IMPELLER TRIM

STUFFING BOX TYPE

S = STANDARD BORE
T = TAPER BORE
L = LARGE BORE

CASE GASKET MATERIAL

E = EPDM
T = TEFLON
G = GYLON

SHAFT MATERIAL

C = 4140 CARBON STEEL
S = 316 STAINLESS STEEL

SLEEVE MATERIAL

N = NONE (SOLID SHAFT)
S = 316 STAINLESS STEEL
2 = ALLOY 20

LABYRINTH SEAL TYPE

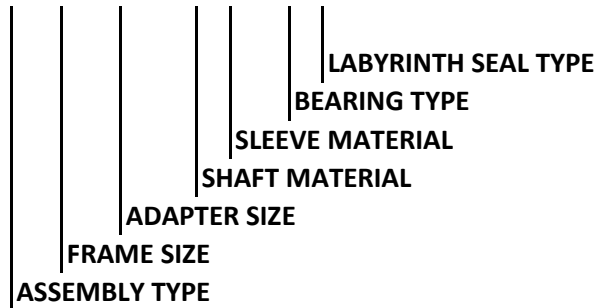
B = BRONZE
S = STAINLESS STEEL
T = TEFLON



811 POWER FRAME DESIGNATION SYSTEM

DESCRIPTION LEGEND

XX X - XX - X X - X X



ASSEMBLY TYPE

PF = POWER FRAME

FRAME SIZE

S = SMALL POWER FRAME

M = MEDIUM POWER FRAME

MA = MEDIUM POWER FRAME (8.25" C-L)

MB = MEDIUM POWER FRAME (10.00" C-L)

L = LARGE POWER FRAME

LA = LARGE POWER FRAME (8.25" C-L)

LB = LARGE POWER FRAME (10.00" C-L)

X13|15 = X-LARGE POWER FRAME (13" OR 15")

X17 = X-LARGE POWER FRAME (17")

ADAPTER SIZE

N = NO ADAPTER

06 = 6" ADAPTER

08 = 8" ADAPTER

10 = 10" ADAPTER

13 = 13" ADAPTER

15 = 15" ADAPTER

17 = 17" ADAPTER

SHAFT MATERIAL

C = 4140 CARBON STEEL

S = 316 STAINLESS STEEL

SLEEVE MATERIAL

N = NONE (SOLID SHAFT)

S = 316 STAINLESS STEEL

SP = 316 STAINLESS STEEL (17" PACKING)

SM = 316 STAINLESS STEEL (17" MECH SEAL)

2 = ALLOY 20

2P = ALLOY 20 (17" PACKING)

2M = ALLOY 20 (17" MECH SEAL)

BEARING TYPE

S = STANDARD OIL BEARINGS

G = GREASE BEARINGS

LABYRINTH SEAL TYPE

B = BRONZE

S = STAINLESS STEEL

T = TEFLON



811 ADDITIONAL ITEMS

DESCRIPTION LEGEND

<p>A X/XXxXX-XX/XXXX/XXXY/XX/XXX_C X X X X X X _ S X / X _ B X / X / X _ M X _ A X X X X</p> <p>BASE PUMP DESCRIPTION STRING</p> <p>ATEX CERT</p>	<p>X X X X X X _ S X / X _ B X / X / X _ M X _ A X X X X</p> <p>EXPORT CRATING</p> <p>BEARING COOLER</p> <p>OILER</p> <p>SEAL GUARD</p> <p>MOTOR P/N</p> <p>COUPLING TYPE / SIZE</p> <p>COUPLING GUARD</p> <p>BASEPLATE P/N</p> <p>SEAL FLUSH PLAN</p> <p>MECHANICAL SEAL P/N</p> <p>NPSH TEST</p> <p>PERFORMANCE TEST</p> <p>NACE CERT</p> <p>PMI CERT</p> <p>MATERIAL CERT</p> <p>HYDROTEST CERT</p>
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ATEX CERT

A = REQUIRED

HYDROTEST CERT

X = NOT REQUIRED
H = HYDROTEST CERT (NON-WITNESS)
W = HYDROTEST CERT (WITNESS)

MATERIAL CERT

X = NOT REQUIRED
M = 3.1 MATERIAL CERTS. (CASE, IMPELLER, STUFFING BOX & SLEEVE OR SHAFT)

PMI CERT

X = NOT REQUIRED
P = CASE, IMPELLER, STUFFING BOX & SLEEVE OR SHAFT (NON-WITNESS)
W = CASE, IMPELLER, STUFFING BOX &

NACE CERT

X = NOT REQUIRED
N = REQUIRED (NON-WITNESS)

PERFORMANCE TEST

X = NOT REQUIRED
P = NON-WITNESSED TEST
W = WITNESSED TEST

NPSH TEST

X = NOT REQUIRED
N = NON-WITNESSED TEST
W = WITNESSED TEST

MECHANICAL SEAL P/N

X = MECHANICAL SEAL PART NUMBER

SEAL FLUSH PLAN

X = NONE
11 = API PLAN 11
13 = API PLAN 13

BASEPLATE P/N

X = BASEPLATE PART NUMBER

COUPLING GUARD

X = NONE
C = POWDER COATED CARBON STEEL
A = NON-SPARKING ALUMINUM
S = 316 STAINLESS STEEL

COUPLING TYPE / SIZE

X = COUPLING TYPE AND SIZE

MOTOR P/N

X = MOTOR PART NUMBER

SEAL GUARD

X = NOT REQUIRED
C = CARBON STEEL

OILER

X = NONE
1 = PLASTIC
2 = GLASS, ALUM. BODY
3 = GLASS, ALUM. BODY, WIRE GUARD

BEARING COOLER

X = NONE
1 = BEARING COOLER KIT

EXPORT CRATING

X = NOT REQUIRED

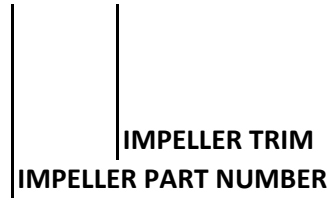


811

SPARE PART IMPELLER

DESCRIPTION LEGEND

IMP / XXX / XXYY



IMPELLER PART NUMBER

XXX = IMPELLER PART NUMBER

E.g. 21422-60-X4

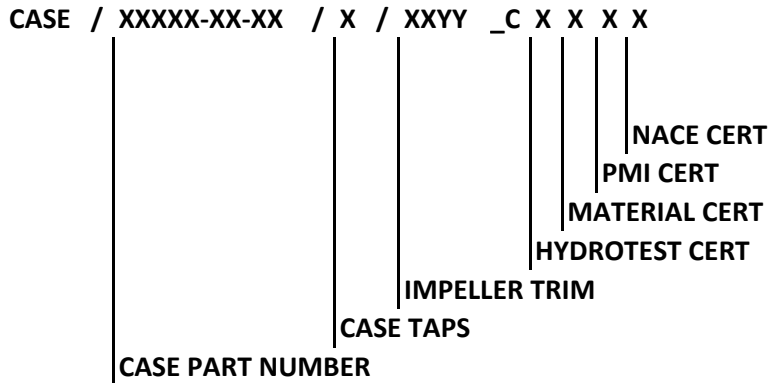
IMPELLER TRIM

XXYY = XX.YY IMPELLER TRIM



811 SPARE PART CASE

DESCRIPTION LEGEND



CASE PART NUMBER

811 OR 811SP CASE PART NUMBER

E.g. 31296-01-X4

MATERIAL CERT

X = NOT REQUIRED

M = 3.1 MATERIAL CERT.

CASE TAPS

X = NONE

A = DRAIN

B = DISCHARGE

C = SUCTION

D = DRAIN & DISCHARGE

E = DRAIN & SUCTION

F = DISCHARGE & SUCTION

G = DRAIN, DISC. & SUCT.

PMI CERT

X = NOT REQUIRED

P = NON-WITNESS

W = WITNESS

NACE CERT

X = NOT REQUIRED

P = NACE CERT

IMPELLER TRIM

XXYY = XX.YY IMPELLER TRIM

(Only applicable for 811SP)

HYDROTEST CERT

X = NOT REQUIRED

H = HYDROTEST CERT

(NON-WITNESS)

W = HYDROTEST CERT

(WITNESS)