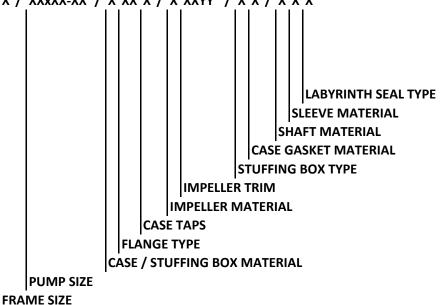


811 PUMP DESIGNATION SYSTEM

DESCRIPTION LEGEND x / xxxxx-xx / x xx x / x xxyy / x x / x x



FRAME SIZE

CASE TAPS

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

X = NONEA = DRAIN B = DISCHARGE

C = SUCTION D = DRAIN & DISCHARGE **E = DRAIN & SUCTION** F = 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 = EPDMT = TEFLON
- G = GYLON

SHAFT MATERIAL

C = 4140 CARBON STEEL S = 316 STAINLESS STEEL

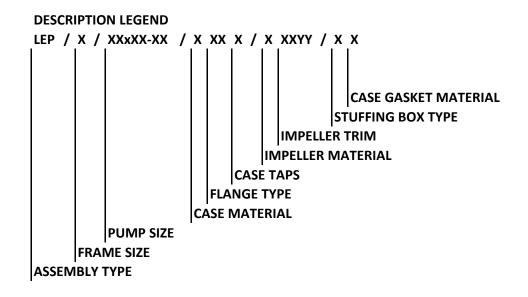
SLEEVE MATERIAL

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

LABYRINTH SEAL TYPE

- B = BRONZE
- S = STAINLESS STEEL T = TEFLON





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



CASE TAPS FLANGE TYPE CASE MATERIAL

CASE GASKET MATERIAL STUFFING BOX TYPE IMPELLER TRIM IMPELLER MATERIAL E TAPS TYPE

ASSEMBLY TYPE

ASSEMBLY TYPE

LER = LIQUID END REPAIR KIT

FRAME SIZE

PUMP SIZE

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 = 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

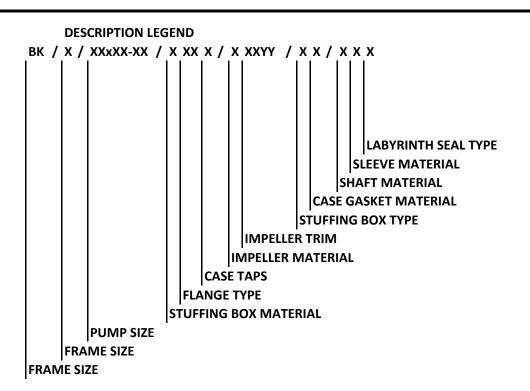
STUFFING BOX TYPE

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

CASE GASKET MATERIAL

E = EPDM T = TEFLON G = GYLON





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 LABYRINTH SEAL TYPE BEARING TYPE SLEEVE MATERIAL SHAFT MATERIAL ADAPTER SIZE FRAME SIZE ASSEMBLY TYPE

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

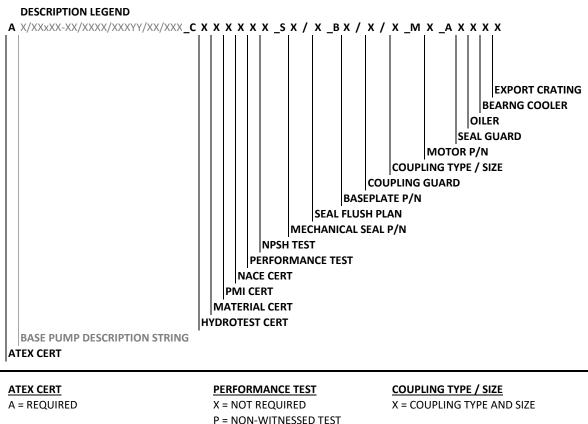
S = STANDARD OIL BEARINGS G = GREASE BEARINGS

LABYRINTH SEAL TYPE

B = BRONZE S = STAINLESS STEEL T = TEFLON



811 **ADDITIONAL ITEMS**



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 P = NACE CERT

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

MOTOR P/N

X = MOTOR PART NUMBER

SEAL GUARD

X = NOT REQUIRED C = CARBON STEEL

OILER

X = NONE1 = PLASTIC 2 = GLASS, ALUM. BODY

3 = GLASS, ALUM. BODY, WIRE GUARD

BEARNG COOLER

- X = NONE
- 1 = BEARING COOLER KIT

EXPORT CRATING

X = NOT REQUIRED E = REQUIRED



811

SPARE PART IMPELLER

DESCRIPTION LEGEND

IMP / XXX / XXYY

IMPELLER TRIM

IMPELLER PART NUMBER

XXX = IMPELLER PART NUMBER E.g. 21422-60-X4

IMPELLER TRIM

XXYY = XX.YY IMPELLER TRIM



DESCRIPTION LEGEND

CASE / XXXX-XX-XX / X / XXYY _C X X X X ACCERT PMI CERT PMI CERT PMI CERT HYDROTEST CERT IMPELLER TRIM CASE TAPS CASE PART NUMBER

CASE PART NUMBER

811 OR 811SP CASE PART NUMBER E.g. 31296-01-X4

CASE TAPS

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

IMPELLER TRIM

XXYY = XX.YY IMPELLER TRIM

HYDROTEST CERT

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

MATERIAL CERT

X = NOT REQUIRED M = 3.1 MATERIAL CERT.

PMI CERT

X = NOT REQUIRED P = NON-WITNESS W = WITNESS

NACE CERT

X = NOT REQUIRED P = NACE CERT