

APV Americas – Fluid Handling Model Designation

Pump Key - "W+" Series Centrifugal Pumps

How to Designate "W+" Series Pumps

W+ 30120 T S 09 S S S S S S A B 21 S

A B C D E F G H I J K L M N O P

Standard Model Designation

A PUMP TYPE

W+...Standard W+ pump

B PUMP OPTIONS

<Blank> No Options
I.....Inducer & Inducer casing
C.....Inducer casing
J.....Heating/cooling jacket
A.....Aseptic backplate
K..... Pedestal (APV Horsens type)
P.....Inter Cooling Backplate
V.....Vortex breaker backplate

C PUMP SIZE

1008.....W+10/8	
2220.....W+22/20	5560.....W+55/60
3080.....W+30/80	60110.....W+60/110
3535.....W+35/35	7040.....W+70/40
3555.....W+35/55	8080.....W+80/80
30120.....W+30/120	11013.....W+110/130
5535.....W+55/35	65350.....W+65/350
5008.....W+50/8	25210.....W+25/210

D CASING FERRULE TYPE

S.....Buttweld (standard)	N.....Pipe Thread
T.....Tri-Clamp	Q.....Cherry Burrell Q clamp
K.....APC Clamp	C.....Cherry Burrell I-line(F)
B.....Bevel Seat (Thrd)	F.....150 lb. flange
A.....APC PV (Thrd)	J.....150 lb. flange (Jensen)
I.....ISO (Thrd)	V.....Aseptic Union (APC)
X.....Special	U.....Aseptic Union (APV)

E CASING DRAIN OPTION

S.....No casing drain (standard)	C.....Tangential - 1" Tri-Clamp
A.....Short spud - 1" Tri-Clamp	X.....Special
B.....90° elbow - 1" Tri-Clamp	

F IMPELLER SIZE

01.....3.5" (90mm)	22.....7.5" (190mm)
02.....3.7" (95mm)	23.....7.7" (195mm)
03.....3.9" (100mm)	24.....7.9" (200mm)
04.....4.1" (105mm)	25.....8.1" (205mm)
05.....4.3" (110mm)	26.....8.3" (210mm)
06.....4.5" (115mm)	27.....8.5" (215mm)
07.....4.7" (120mm)	28.....8.7" (220mm)
08.....4.9" (125mm)	29.....8.9" (225mm)
09.....5.1" (130mm)	30.....9.1" (230mm)
10.....5.3" (135mm)	31.....9.2" (235mm)
11.....5.5" (140mm)	32.....9.4" (240mm)
12.....5.6" (142mm)	33.....9.6" (245mm)
13.....5.7" (145mm)	34.....9.8" (250mm)
14.....5.9" (150mm)	35.....10.0" (255mm)
15.....6.1" (155mm)	36.....10.2" (260mm)
16.....6.3" (160mm)	37.....10.4" (265mm)
17.....6.5" (165mm)	38.....10.6" (270mm)
18.....6.7" (170mm)	39.....10.8" (275mm)
19.....6.9" (175mm)	40.....11.0" (280mm)
20.....7.1" (180mm)	41.....11.2" (285mm)
21.....7.3" (185mm)	42.....11.4" (290mm)
XX.....Special	

G SURFACE FINISH

S.....Polished (150 grit, 3-A finish) internal/Satin external (standard)
A.....Satin finish internal and external
B.....Polished (150 grit, 3-A finish) internal and external
C.....240 grit internal / Glass bead external
D.....320 grit internal / Glass bead external
E.....Electropolish, W+ Wet End
F.....Electropolish, W+ Wet End & Inducer
X.....Special

H SHAFT SEAL

S.....Single mechanical, internal, balanced (standard)
Carbon vs. Silicon Carbide
1.....Single mechanical, internal, balanced
Silicon Carbide vs. Silicon Carbide
2.....Double mechanical, balanced and flushed
Carbon vs. Silicon Carbide, Inboard
Carbon vs. Silicon Carbide, Outboard
3.....Double mechanical, balanced and flushed
Silicon Carbide vs. Silicon Carbide, Inboard
Carbon vs. Silicon Carbide, Outboard
X.....Special
N.....None

I O-RINGS

S.....EPDM (standard)
V.....Viton X.....Special

J WFI SEAL PIPING OPTION

S.....None (standard)
G.....1/4" stainless steel tubing with gauge and valve
T.....1/4" stainless steel tubing without gauge and valve

K CASING CLAMP OPTION

S.....Standard clamp
H.....High pressure casing clamp

L BASES AND SHROUD

S.....APV Crepaco stationary legs (standard)
B.....APV Crepaco stationary legs with adjustable ball feet
P.....APV Crepaco portable 2-wheel cart
H.....APV Horsens legs with IEC shroud
M.....Mild steel tubular base for pedestal mount pumps
Q.....Stainless steel tubular base for pedestal mount pumps
X.....Special
N.....None

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A

B

C

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G

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I

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K

L

M

N

O

P

Standard Model Designation

M MOTOR FRAME

- A..... 56C, NEMA frame
- B..... 143TC to 145TC, NEMA frame
- C..... 182TC to 184TC, NEMA frame
- D..... 213TC to 215TC, NEMA frame
- E..... 254TC to 256TC, NEMA frame
- F..... 284TSC to 286TSC, NEMA frame
- G..... 324TSC to 326TSC, NEMA frame
- H..... 364TSC to 365TSC, NEMA frame
- I..... 405TSC, NEMA frame
- L..... D90, IEC frame
- M..... D100 to D112, IEC frame
- N..... D132, IEC frame
- O..... D160, IEC frame
- P..... D180, IEC frame
- Q..... D200, IEC frame
- R..... D225, IEC frame
- S..... D250, IEC frame
- X..... Special

N MOTOR MANUFACTURER AND TYPE

- Z..... No motor supplied
- A..... Reliance-TEFC
- B..... Reliance-TEFC-XE
- C..... Reliance-TEFC-XEX
- E..... Reliance TEFC-EZ-Clean Plus
- G..... Reliance TEFC-XP
- J..... Baldor-TEFC
- K..... Baldor-TEFC-Washdown Duty
- O..... U.S. Motor-TEFC
- P..... U.S. Motor-TEFC-Washdown Duty
- X..... Special

O MOTOR HP/KW/RPM

<blank> No Motor Supplied

- | | |
|-------------------------|-------------------------|
| 01..... 1/4 HP/1800 RPM | 51.....0.25 KW/3000 RPM |
| 02..... 1/3 HP/1800 RPM | 52.....0.25 KW/1500 RPM |
| 03..... 1/2 HP/3600 RPM | 53.....0.37 KW/3000 RPM |
| 04..... 1/2 HP/1800 RPM | 54.....0.37 KW/1500 RPM |
| 05..... 3/4 HP/3600 RPM | 55.....0.55 KW/3000 RPM |
| 06..... 3/4 HP/1800 RPM | 56.....0.55 KW/1500 RPM |
| 07..... 1 HP/3600 RPM | 57.....0.75 KW/3000 RPM |
| 08..... 1 HP/1800 RPM | 58.....0.75 KW/1500 RPM |
| 09..... 1.5 HP/3600 RPM | 59.....1.1 KW/3000 RPM |

- | | |
|-------------------------|-------------------------|
| 10..... 1.5 HP/1800 RPM | 60.....1.1 KW/1500 RPM |
| 11..... 2 HP/3600 RPM | 61.....1.5 KW/3000 RPM |
| 12..... 2 HP/1800 RPM | 62.....1.5 KW/1500 RPM |
| 13..... 3 HP/3600 RPM | 63.....2.2 KW/3000 RPM |
| 14..... 3 HP/1800 RPM | 64.....2.2 KW/1500 RPM |
| 15..... 5 HP/3600 RPM | 65.....4 KW/3000 RPM |
| 16..... 5 HP/1800 RPM | 66.....4 KW/1500 RPM |
| 17..... 7.5 HP/3600 RPM | 67.....5.5 KW/3000 RPM |
| 18..... 7.5 HP/1800 RPM | 68.....5.5 KW/1500 RPM |
| 19..... 10 HP/3600 RPM | 69.....7.5 KW/3000 RPM |
| 20..... 10 HP/1800 RPM | 70.....7.5 KW/1500 RPM |
| 21..... 15 HP/3600 RPM | 71.....11 KW/3000 RPM |
| 22..... 15 HP/1800 RPM | 72.....11 KW/1500 RPM |
| 23..... 20 HP/3600 RPM | 73.....15 KW/3000 RPM |
| 24..... 20 HP/1800 RPM | 74.....15 KW/1500 RPM |
| 25..... 25 HP/3600 RPM | 75.....18.5 KW/3000 RPM |
| 26..... 25 HP/1800 RPM | 76.....18.5 KW/1500 RPM |
| 27..... 30 HP/3600 RPM | 77.....22 KW/3000 RPM |
| 28..... 30 HP/1800 RPM | 78.....22 KW/1500 RPM |
| 29..... 40 HP/3600 RPM | 79.....30 KW/3000 RPM |
| 30..... 40 HP/1800 RPM | 80.....30 KW/1500 RPM |
| 31..... 50 HP/3600 RPM | 81.....37 KW/3000 RPM |
| 32..... 50 HP/1800 RPM | 82.....37 KW/1500 RPM |
| 33..... 60 HP/3600 RPM | 83.....45 KW/3000 RPM |
| 34..... 60 HP/1800 RPM | 84.....45 KW/1500 RPM |
| 35..... 75 HP/3600 RPM | 85.....55 KW/3000 RPM |
| 36..... 75 HP/1800 RPM | 86.....55 KW/1500 RPM |
| 37..... 100 HP/3600 RPM | 87.....75 KW/3000 RPM |
| 38..... 100 HP/1800 RPM | 88.....75 KW/1500 RPM |

P PHASE/HZ/VOLTAGE

- <blank> No Motor Supplied
- S..... 3 phase/60 Hz/230-460 Volt
- B..... 3 phase/50 Hz/190-380 Volt
- C..... 3 phase/60 Hz/460 Volt
- D..... 3 phase/50 Hz/380 Volt
- E..... 3 phase/60 Hz/575 Volt
- F..... 1 phase/60 Hz/110 Volt
- X..... Other