xylem

e-NSC SERIES
IDENTIFICATION CODE

Pump Type [3 digits]
[NSC] = series name

Coupling [1 digit]
[ ] = bare shaft
[E]= extended shaft
[S] = stub shaft
[F] = frame mounted
[C] = spacer coupling frame mounted

Motor operation [1 digit]
[ ] = standard asynchronous motor
[H] = equipped with Hydrovar
[X] = other drives

Size of the pump [7 digits]
Discharge diameter - nominal impeller diameter
e.g. 32-160, 100-315

Motor power [2 to 4 digits]
kW x 10
or
D + actual impeller diameter (mm) (bare shaft version)

Special trimmed Impeller [1 digit]
[A] = Trimmed diameter that doesn't maximize motor power
[X] = Trimmed diameter to meet customer required duty point

Motor type [2 digits]
[/P] = PLM
[/S] = SM
[/W] = Weg
[/X] = Other

N° poles [1 digit]
[2] = 2 poles
[4] = 4 poles

Electrical Voltage + Frequency [2digits]
50 Hz
5H = 1x220-240 V
5R = 3x220-240/380-415 V
5V = 3x380-415/660-690 V
5P = 3x200-208/346-360 V
5S = 3x255-265/440-460 V
5T = 3x290-300/500-525 V
5W = 3x440-460/- V

60 Hz
6F = 1x220-230 V
6E = 1x200-210 V
6P = 3x220-230/380-400 V
6R = 3x255-277/440-480 V
6V = 3x440-480/- V
6U = 3x380-400/660-690 V
6N = 3x200-208/346-360 V
6T = 3x330-346/575-600 V

Mech Seal + Oring Config [1 digit]
[4] = SiC/Carbon/EPDM
[2] = SiC/Carbon/FPM
[Z] = SiC/SiC/EPDM
[W] = SiC/SiC/FPM
[N] = SiC/Tungsten Carbide/FPM

Impeller Material [1 digit]
[C] = Cast Iron
[S] = Fabricated Stainless Steel
[B] = Bronze
[N] = Cast Stainless Steel (1.4408)
[R] = Duplex (1.4517)

Casing Material [1 digit]
[C] = Cast Iron
[D] = Ductile Iron
[N] = Stainless Steel (1.4408)
[R] = Duplex (1.4517)

EXAMPLES

NSCS 100-250/900/W25RCC4
End-suction, electric pump with stub shaft coupling, DN 100 nominal discharge port, 250 mm nominal impeller diameter, 90 kW rated motor power,WEG IE3 model, 2-pole, 50 Hz 220-240/380-415 V, cast iron casing, cast iron impeller, Silicon carbide/Carbon/EPDM mechanical seal.