FORMAT : SHAnnPxxMxx-xxxx-mm-mmnn-xmx-mmnn-xmm-mm-Lxxxx
00000000000-0000-00-0000-111-1111-111-11-11111
11122333444-5555-67-8899-012-3344-566-77-88888

Kyntronics
Innovation in Motion

Field 01
Product Family
SHA = Hybrid Linear Actuator

Field 02
Frame Size
10 = 1.00in BORE
15 = 1.50in BORE
20 = 2.00in BORE
25 = 2.50in BORE
32 = 3.25in BORE
40 = 4.00in BORE
50 = 5.00in BORE
60 = 6.00in BORE
80 = 8.00in BORE

Field 03
Pump
P02 = 0.24 CC/REV
P05 = 0.56 CC/REV
P07 = 0.92 CC/REV
P11 = 1.48 CC/REV
P13 = 2.28 CC/REV
P21 = 2.60 CC/REV
P23 = 3.12 CC/REV
P27 = 4.16 CC/REV
P31 = 5.85 CC/REV
P34 = 7.54 CC/REV
P36 = 9.88 CC/REV

Field 04
Motor Adapter
M06
M08
M11
M14
M19
MD06
MD08
MD10
MD11
M0Z

Field 05
Stroke
Stroke in millimeters

Field 06
Rod End
A = Spherical Ball Joint
B = Threaded Male, Standard
C = Threaded Male, SI
D = Threaded Female, Standard
E = Threaded Female, SI
F = Clevis
G = Rod Eye
P = Parker Style 55

Field 07
Actuator Mounting
F = Clevis, 0 Degrees
G = Clevis, 90 Degrees
Q = Rear Eye Bracket, 0 Degrees
R = Rear Eye Bracket, 90 Degrees
S = Front Flange
T = Rear Flange
U = End Feet
W = Side Feet
X = Front Trunnion
Y = Mid Trunnion
V = Rear Trunnion

Field 08
SHA Configuration
AP = Attached PU
DP = Detached PU

Field 09
Power Unit Orientation
PL = Parallel Standard
PS = Parallel Spacer
9C = 90 Centered
PI = Parallel Inverted
IN = Inline
9B = 90 Behind PU

Field 10
Holding Valve(s)
1 = None
2 = Retract CV
3 = Retract CB
4 = Retract Solenoid
5 = Extend CV
6 = Extend & Retract CV
7 = Extend CV ; Retract CB
8 = Extend CV ; Retetract Solenoid
9 = Extend CB
A = Extend CB ; Retract CV
B = Extend & Retract CB
C = Extend CB ; Retract Solenoid
D = Extend Solenoid
E = Extend Solenoid ; Retract CV
F = Extend Solenoid ; Retract CB
G = Extend & Retract Solenoid

Field 11
Position Feedback
A = None
H = Externally Mounted Linear Transducer, SSI
M = Externally Mounted Linear Transducer, Analog
J = Internally Mounted Linear Transducer, SSI
I = Internally Mounted Linear Transducer, Analog
N = Externally Mounted Linear Encoder, TTL
L = Externally Mounted Limit Switches, Discrete

Field 12
Force Feedback
1 = No Pressure Sensor
2 = Extend Pressure Sensor
3 = Retract Pressure Sensor
4 = Extend & Retract Pressure Sensor
5 = Load Cell (Customer Supplied)

Field 13
Motor
6C = Servo Motor, 230VAC, 0.77kW, IP65
6E = Servo Motor, 460Vac, 0.77kW, IP65
8C = Servo Motor, 230VAC, 1.52kW, IP65
8E = Servo Motor, 460Vac, 1.52kW, IP65
1C = Servo Motor, 230VAC, 2.42kW, IP65
1D = Servo Motor, 230VAC, 3.30kW, IP65
1E = Servo Motor, 460Vac, 2.42kW, IP65
1F = Servo Motor, 460Vac, 3.30kW, IP65
4C = Servo Motor, 230VAC, 5.78kW, IP65
4E = Servo Motor, 460Vac, 5.78kW, IP65
9D = Servo Motor, 230VAC, 7.85kW, IP65
9C = Servo Motor, 230VAC, 10.30kW, IP65
9F = Servo Motor, 460Vac, 7.85kW, IP65
9E = Servo Motor, 460Vac, 10.30kW, IP65
0Z = Motor Excluded
xZ = Custom Motor

9 = Profinet
A = Profibus

Field 14
Drive
0V = Servo Drive, 460VAC 3PH, 30.0A
1V = Servo Drive, 460VAC 3PH, 27.0A
2V = Servo Drive, 460VAC 3PH, 17.2A
3V = Servo Drive, 460VAC 3PH, 15.0A
4V = Servo Drive, 460VAC 3PH, 10.0A
5V = Servo Drive, 460VAC 3PH, 7.8A
6V = Servo Drive, 460VAC 3PH, 6.2A
7V = Servo Drive, 460VAC 3PH, 4.5A
8V = Servo Drive, 460VAC 3PH, 3.1A
9V = Servo Drive, 460VAC 3PH, 2.5A
2G = Servo Drive, 460VAC 3PH, 16.0A
3G = Servo Drive, 460VAC 3PH, 13.5A
4G = Servo Drive, 460VAC 3PH, 10.5A
5G = Servo Drive, 460VAC 3PH, 8.0A
6G = Servo Drive, 460VAC 3PH, 6.0A
7G = Servo Drive, 460VAC 3PH, 4.2A
8G = Servo Drive, 460VAC 3PH, 3.0A
9G = Servo Drive, 460VAC 3PH, 1.5A
0T = Servo Drive, 230VAC 3PH, 61.0A
1T = Servo Drive, 230VAC 3PH, 44.0A
2T = Servo Drive, 230VAC 3PH, 33.0A
3T = Servo Drive, 230VAC 3PH, 25.0A
4T = Servo Drive, 230VAC 3PH, 18.5A
5T = Servo Drive, 230VAC 3PH, 13.7A
6T = Servo Drive, 230VAC 3PH, 10.6A
7T = Servo Drive, 230VAC 3PH, 8.0A
8T = Servo Drive, 230VAC 3PH, 6.6A
9T = Servo Drive, 230VAC 3PH, 5.0A
4F = Servo Drive, 230VAC 3PH, 16.0A
5F = Servo Drive, 230VAC 3PH, 12.0A
6F = Servo Drive, 230VAC 3PH, 9.0A
7F = Servo Drive, 230VAC 3PH, 6.5A
8F = Servo Drive, 230VAC 3PH, 4.0A
9F = Servo Drive, 230VAC 3PH, 2.2A
F4 = Servo Drive, 230VAC 1PH, 10.8A
F5 = Servo Drive, 230VAC 1PH, 7.5A
F6 = Servo Drive, 230VAC 1PH, 5.6A
F7 = Servo Drive, 230VAC 1PH, 3.5A
F8 = Servo Drive, 230VAC 1PH, 2.2A
F9 = Servo Drive, 230VAC 1PH, 1.1A
T0 = Servo Drive, 230VAC 1PH, 23.2A
T1 = Servo Drive, 230VAC 1PH, 19.3A
T2 = Servo Drive, 230VAC 1PH, 19.3A
T4 = Servo Drive, 230VAC 1PH, 10.4A
T5 = Servo Drive, 230VAC 1PH, 10.4A
T6 = Servo Drive, 230VAC 1PH, 5.7A
T7 = Servo Drive, 230VAC 1PH, 5.7A
T8 = Servo Drive, 230VAC 1PH, 3.6A
T9 = Servo Drive, 230VAC 1PH, 3.6A
0Z - Servo Drive Excluded
1Z - Custom Servo Drive

Field 15
Fieldbus
1 = None (Discreet I/O)
B = None (Analog)
4 = Ethernet IP
6 = EtherCAT
7 = Modbus TCP
8 = Modbus RTU

Field 16
Control
PS = Position
FR = Force
PL = Position w/ Force Limit
PF = Position & Force Control
MV = Motor Velocity
AB = A to B Move

Field 17
Control
EN = Enclosure
BP = Backplate
SL = Shipped Loose
EX = Excluded

Field 18
Customization
xxxx = unique alpha numeric code