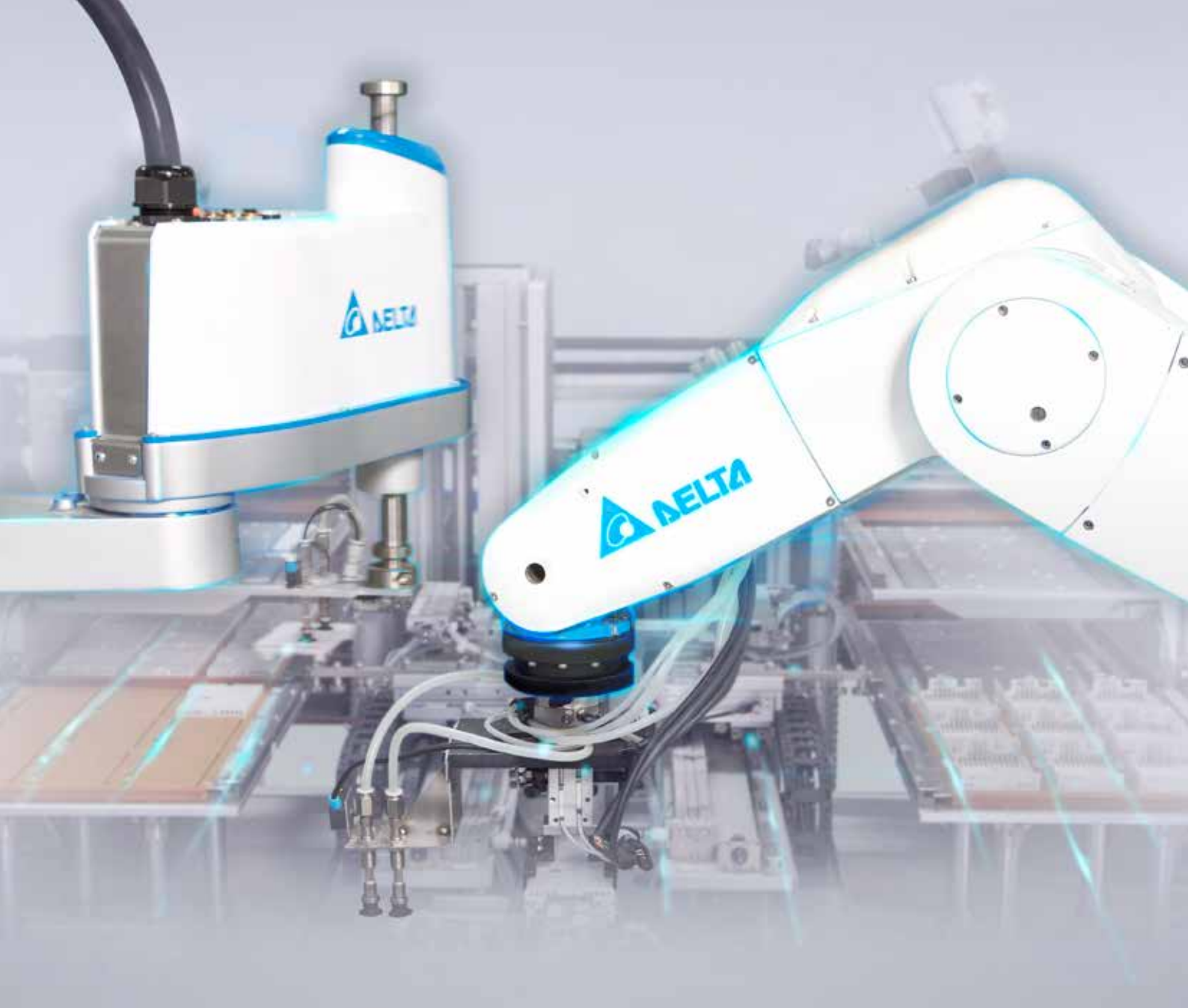




Digitized Automation for a Changing World

Delta Industrial Robots



www.deltaww.com



Delta Industrial Robots

Delta's industrial robots can easily combine peripheral devices to build a quick, flexible, and highly precise automated production line. The robots' work significantly lowers labor and time cost, while optimizing production quality and efficiency.

To fulfill the needs of various industry applications and production processes, Delta continues to provide integrated and competitive solutions as part of our "Automation for a Changing World".

SCARA Robot DRS Series

- Excellent precision, linearity and verticality
- Sensor-less compliance control
- Multiple teaching methods and intuitive guidance

Applications

Consumer Electronics
Electronics/Electric |
Food Processing Rubber &
Plastics | Metal Fabrication



Glue Dispensing



Screw Driving



Soldering



Inspection



Assembly/Pick-and-Place

Articulated Robot DRV Series

- High flexibility
- Hollow wrist
- Multiple installations
- User-friendly interface

Applications

Consumer Electronics
Electronics/Electric | Food Processing
Rubber & Plastics | Metal Fabrication



Insertion



Screw Driving



Soldering



Inspection

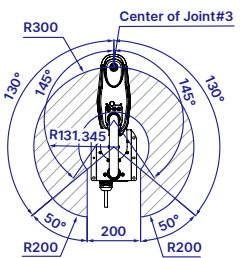
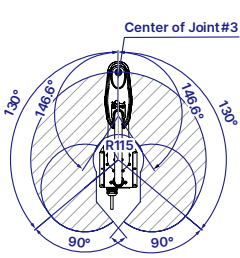
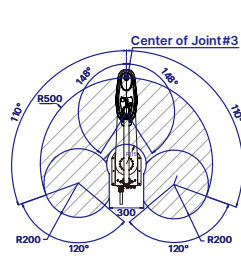
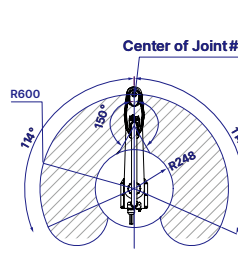


Pick-and-Place



Loading/Unloading

SCARA Robots

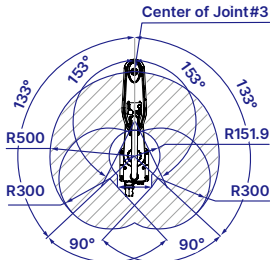
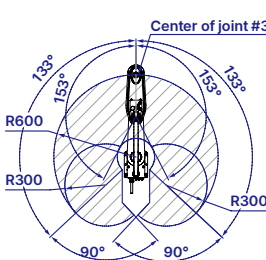
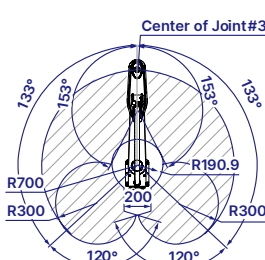
Model Name		DRS30L3SS1BN002	DRS40L3SS2BN005	DRS50L3SS2BN005	DRS60L3SS1BN002
Image					
Range of Motion		 J1 axis mechanical stopper position:±133° J2 axis mechanical stopper position:±146.5°	 J1 axis mechanical stopper position:±133° J2 axis mechanical stopper position:±148.3°	 J1 axis mechanical stopper position:±150° J2 axis mechanical stopper position:±112°	 J1 axis mechanical stopper position:±114° J2 axis mechanical stopper position:±150°
Number of Axis		4			
Max. Working Range		300 mm	400 mm	500 mm	600 mm
Rated / Max. Payload		1kg / 3 kg			
Motion Range	J1	± 130°		± 110°	± 114°
	J2	± 145°	± 146.6°	± 148°	
	J3	150 mm			
	J4	± 360°			
	J5	-	-	-	-
Max. Speed	J1	4,058 mm/sec	5,650 mm/sec	6,400 mm/sec	4,050 mm/sec
	J2				
	J3	1,250 mm/sec	1,450 mm/sec	1,300 mm/sec	1,250 mm/sec
	J4	1,875°/sec	2,970°/sec	2,900°/sec	1,875°/sec
	J5	-	-	-	-
Standard Cycle Time		0.39 sec*1	0.37 sec*1	0.45 sec*1	0.72 sec*1
Tolerant Intertia	Rated	0.0091 kg.m ²			
	Max.	0.075 kg.m ²			
Rated Push Force (J3)		100 N			
Repeatability (J1 + J2)		± 0.010 mm			± 0.015 mm
User Wiring		15 Pin D-Sub	15 Pin D-Sub, RJ45 (CAT 5e)		15 Pin D-Sub
User Tubing		ø4 mm × 2, ø6 mm × 1			
Rating		IP20			
Weight		16 kg		18 kg	22 kg
Controller		DCS-1D00	DCS-1P00		DCS-1D00

Notes: *1. When carrying a payload of 1 kg and reciprocating 25 mm in vertical and 300 mm in horizontal directions under an operating temperature of 25°C and within a humidity of 45~65% RH (non-condensing).

*2. When carrying a payload of 2 kg and reciprocating 25 mm in vertical and 300 mm in horizontal directions under an operating temperature of 25°C and within a humidity of 45~65% RH (non-condensing).

*3. Models with specific z-axis length

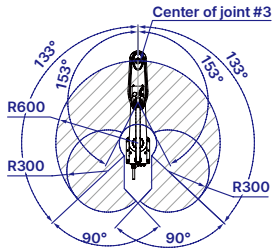
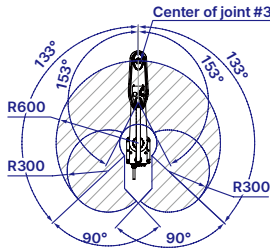
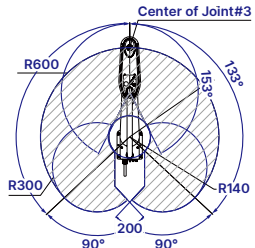
SCARA Robots

Model Name		DRS50L6SS2BN005	DRS60L6SS2BN005	DRS70L6SS2BN005
Image				
Range of Motion		 J1 axis mechanical stopper position:±135° J2 axis mechanical stopper position:±155°	 J1 axis mechanical stopper position:±135° J2 axis mechanical stopper position:±155°	 J1 axis mechanical stopper position:±135° J2 axis mechanical stopper position:±155°
Number of Axis		4		
Max. Working Range		500mm	600mm	700mm
Rated /Max. Payload		2kg /6kg		
Motion Range	J1	± 133°		
	J2	± 153°		
	J3	200mm (300mm)* ³		
	J4	± 360°		
	J5	-		
Max. Speed	J1	5,400 mm/sec	6,000 mm/sec	6,700 mm/sec
	J2			
	J3	1,200 mm/sec		
	J4	2,400°/sec		
	J5	-	-	-
Standard Cycle Time		0.38 sec* ²		0.39 sec* ²
Tolerant Intertia	Rated	0.03 kg.m ²		
	Max.	0.3 kg.m ²		
Rated Push Force (J3)		150 N		
Repeatability (J1 + J2)		± 0.015 mm		
User Wiring		15 Pin D-Sub, RJ45 (CAT 5e)		
User Tubing		ø4 mm×1, ø6 mm×2		
Rating		IP20		
Weight		20 kg	21 kg	22 kg
Controller		DCS-1D00		

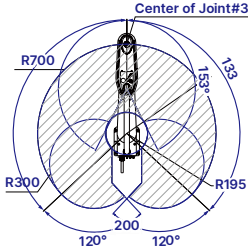
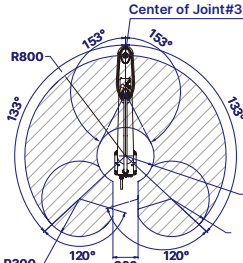
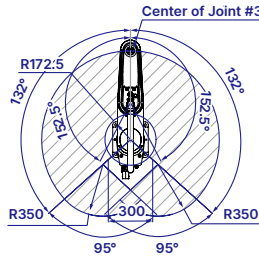
Notes: *1. When carrying a payload of 1kg and reciprocating 25mm in vertical and 300mm in horizontal directions under an operating temperature of 25°C and within a humidity of 45~65% RH (non-condensing).

*2. When carrying a payload of 2 kg and reciprocating 25mm in vertical and 300mm in horizontal directions under an operating temperature of 25°C and within a humidity of 45~65% RH (non-condensing).

*3. Models with specific z-axis length

Model Name		DRS60L6DS2BN005	DRS60L6SO1BN002	DRS60LASS2BN005
Image				
Range of Motion		 J1 axis mechanical stopper position: $\pm 135^\circ$ J2 axis mechanical stopper position: $\pm 155^\circ$	 J1 axis mechanical stopper position: $\pm 135^\circ$ J2 axis mechanical stopper position: $\pm 153^\circ$	 J1 axis mechanical stopper position: $\pm 135^\circ$ J2 axis mechanical stopper position: $\pm 153^\circ$
Number of Axis		4		
Max. Working Range		600 mm		
Rated / Max. Payload		2 kg / 6 kg		2 kg / 10 kg
Motion Range	J1	$\pm 133^\circ$		
	J2	$\pm 153^\circ$		
	J3	500 mm	200 mm	200 mm (300 mm)* ³
	J4	$\pm 360^\circ$		
	J5	-		
Max. Speed	J1	6,000 mm/sec	5,000 mm/sec	6,000 mm/sec
	J2			
	J3	1,200 mm/sec	1,100 mm/sec	1,200 mm/sec
	J4	2,400 °/sec	600 °/sec	2,400 °/sec
	J5	-		
Standard Cycle Time		0.38 sec* ²	0.42 sec* ²	0.38 sec* ²
Tolerant Inertia	Rated	0.03 kg.m ²	0.07 kg.m ²	0.03 kg.m ²
	Max.	0.3 kg.m ²	0.5 kg.m ²	0.3 kg.m ²
Rated Push Force (J3)		150 N		
Repeatability (J1 + J2)		± 0.015 mm		
User Wiring		15 Pin D-Sub, RJ45 (CAT 5e)	15 Pin D-Sub	15 Pin D-Sub, RJ45 (CAT 5e)
User Tubing		$\varnothing 4$ mm $\times$ 1, $\varnothing 6$ mm $\times$ 2		
Rating		IP20		
Weight		21 kg	20 kg	22 kg
Controller		DCS-1D00		

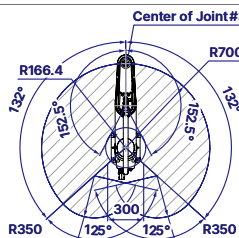
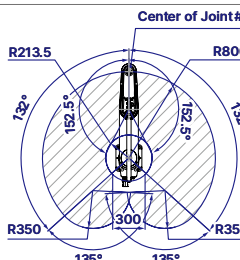
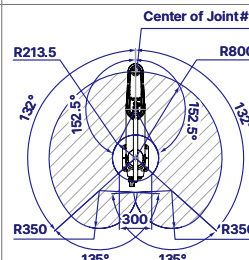
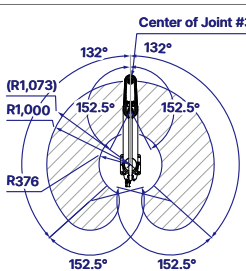
SCARA Robots

Model Name		DRS70LASS2BN005	DRS80LASS2BN005 NEW	DRS60LCSS1BN002	
Image					
Range of Motion		 J1 axis mechanical stopper position:±135° J2 axis mechanical stopper position:±153°	 J1 axis mechanical stopper position:±135° J2 axis mechanical stopper position:±155°	 J1 axis mechanical stopper position:±135° J2 axis mechanical stopper position:±155°	
Number of Axis		4			
Max. Working Range		700 mm	800 mm	600 mm	
Rated /Max. Payload		2 kg/10kg		5 kg/12 kg	
Motion Range	J1	± 133°		± 132°	
	J2	± 153°		± 152.5°	
	J3	200 mm (300 mm)* ³		200 mm (420 mm)* ³	
	J4	± 360°			
	J5	-			
Max. Speed	J1	6,700 mm/sec	7,200 mm/sec	7,100 mm/sec	
	J2				
	J3	1,200 mm/sec		1,200 mm/sec (1,920 mm/sec)* ³	
	J4	2,400°/sec		1,025°/sec	
	J5	-			
Standard Cycle Time		0.39 sec* ²	0.46 sec* ²	0.43 sec* ²	
Tolerant Inertia	Rated	0.03 kg.m ²		0.02 kg.m ²	
	Max.	0.3 kg.m ²		0.25 kg.m ²	
Rated Push Force (J3)		150 N		255 N	
Repeatability (J1 + J2)		± 0.015 mm	± 0.02 mm	± 0.025 mm	
User Wiring		15 Pin D-Sub, RJ45 (CAT 5e)		15 Pin D-Sub	
User Tubing		ø4 mm × 1, ø6 mm × 2		ø4 mm × 2, ø6 mm × 2	
Rating		IP20			
Weight		22 kg	23 kg	42 kg	
Controller		DCS-1D00		DCS-1M00	

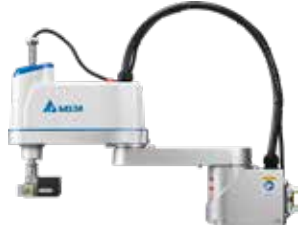
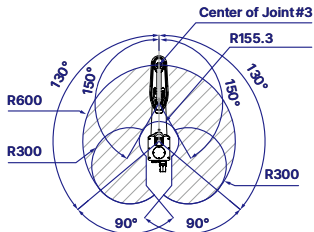
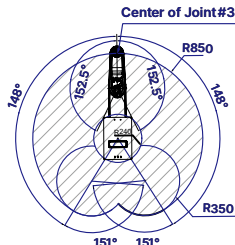
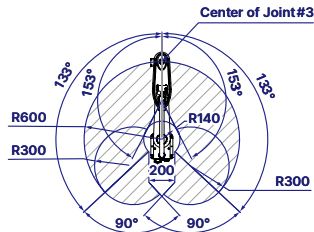
Notes: *1. When carrying a payload of 1 kg and reciprocating 25 mm in vertical and 300 mm in horizontal directions under an operating temperature of 25°C and within a humidity of 45~65% RH (non-condensing).

*2. When carrying a payload of 2 kg and reciprocating 25 mm in vertical and 300 mm in horizontal directions under an operating temperature of 25°C and within a humidity of 45~65% RH (non-condensing).

*3. Models with specific z-axis length

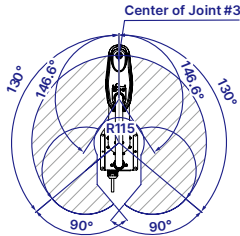
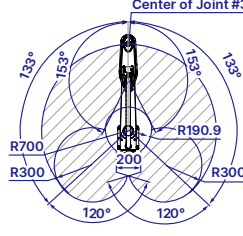
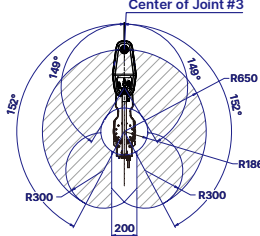
Model Name		DRS70LCSS1BN002	DRS80LCSS1BN002	DRS80LMSS1BN002	DRSA0LMSS1BN002
Image					
Range of Motion		 J1 axis motion range: $\pm 132^\circ$ mechanical stopper position: $\pm 135^\circ$ J2 axis motion range: $\pm 152.5^\circ$ mechanical stopper position: $\pm 155^\circ$	 J1 axis motion range: $\pm 132^\circ$ mechanical stopper position: $\pm 135^\circ$ J2 axis motion range: $\pm 152.5^\circ$ mechanical stopper position: $\pm 155^\circ$	 J1 axis motion range: $\pm 132^\circ$ mechanical stopper position: $\pm 135^\circ$ J2 axis motion range: $\pm 152.5^\circ$ mechanical stopper position: $\pm 155^\circ$	 J1 axis motion range: $\pm 132^\circ$ mechanical stopper position: $\pm 135^\circ$ J2 axis motion range: $\pm 152.5^\circ$ mechanical stopper position: $\pm 155^\circ$
Number of Axis		4			
Max. Working Range		700 mm	800 mm	800 mm	1,000 mm
Rated / Max. Payload		5 kg / 12 kg		10 kg / 22 kg	
Motion Range	J1	$\pm 132^\circ$			
	J2	$\pm 152.5^\circ$			
	J3	200 mm (420 mm)* ³			
	J4	$\pm 360^\circ$			
	J5	-			
Max. Speed	J1	7,700 mm/sec	8,300 mm/sec	8,820 mm/sec	8,730 mm/sec
	J2				
	J3	1,200 mm/sec (1,920 mm/sec)* ³	1,180 mm/sec (1,920 mm/sec)* ³	1,130 mm/sec (1,790 mm/sec)* ³	
	J4	1,025 °/sec		1,015 °/sec	
	J5	-			
Standard Cycle Time		0.45 sec* ²	0.47 sec* ²	0.42 sec* ²	0.45 sec* ²
Tolerant Intertia	Rated	0.02 kg.m ²		0.05 kg.m ²	
	Max.	0.25 kg.m ²		0.45 kg.m ²	
Rated Push Force (J3)		255N		310N	
Repeatability (J1 + J2)		± 0.025 mm			
User Wiring		15 Pin D-Sub			
User Tubing		ø4 mm × 2, ø6 mm × 2			
Rating		IP20			
Weight		42 kg	43 kg	45 kg	
Controller		DCS-1M00			

Screw Driving Robots

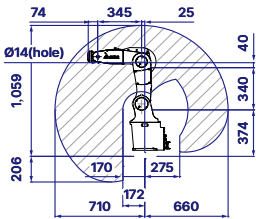
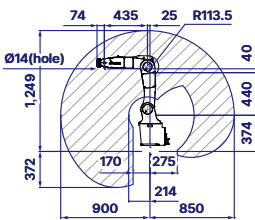
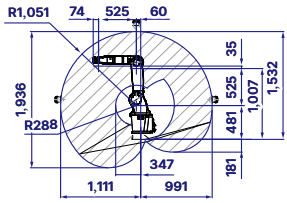
Model Name		DRS60H6SS1BN002	DRS85HCSS2BN002 NEW	DRS60L3SS1BN502
Image				
Range of Motion		 J1 axis mechanical stopper position: $\pm 135^\circ$ J2 axis mechanical stopper position: $\pm 153^\circ$	 J1 axis mechanical stopper position: $\pm 151^\circ$ J2 axis mechanical stopper position: $\pm 155^\circ$	 J1 axis mechanical stopper position: $\pm 135^\circ$ J2 axis mechanical stopper position: $\pm 155^\circ$
Number of Axis		4		5
Max. Working Range		600 mm	850 mm	600 mm
Rated / Max. Payload		2 kg / 6 kg	5 kg / 12 kg	1 kg / 3 kg
Motion Range	J1	$\pm 130^\circ$	$\pm 148^\circ$	$\pm 133^\circ$
	J2	$\pm 150^\circ$	$\pm 152.5^\circ$	$\pm 153^\circ$
	J3	200 mm		
	J4	$\pm 360^\circ$		
	J5	-	-	$\pm 360^\circ$
Max. Speed	J1	5,000 mm/sec	7,600 mm/sec	5,000 mm/sec
	J2			
	J3	1,050 mm/sec	1,100 mm/sec	1,050 mm/sec
	J4	2,000 °/sec	1,025 °/sec	2,000 °/sec
	J5	-	-	600 °/sec
Standard Cycle Time		0.42 sec*2	0.54 sec*2	0.45 sec*1
Tolerant Inertia	Rated	0.01 kg.m ²	0.02 kg.m ²	0.01 kg.m ²
	Max.	0.08 kg.m ²	0.25 kg.m ²	0.023 kg.m ²
Rated Push Force (J3)		150 N	255 N	150 N
Repeatability (J1 + J2)		± 0.015 mm	± 0.025 mm	+/- 0.015 mm (J1+J2) +/- 0.01 mm (J5)
User Wiring		15 Pin D-Sub		
User Tubing		$\varnothing 4$ mm $\times$ 2, $\varnothing 6$ mm $\times$ 1	$\varnothing 4$ mm $\times$ 2, $\varnothing 6$ mm $\times$ 2	$\varnothing 4$ mm $\times$ 2, $\varnothing 6$ mm $\times$ 1
Rating		IP20		
Weight		23 kg	56 kg	21 kg
Controller		DCS-1D00	DCS-1M00	DCS-1D00

Notes:

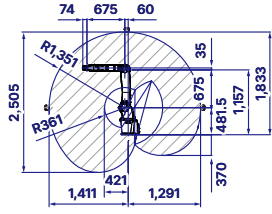
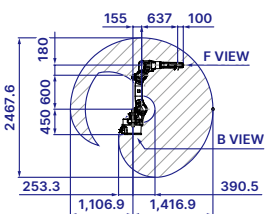
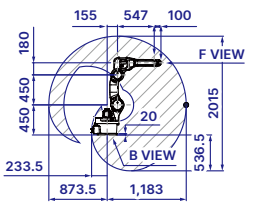
1. When carrying a payload of 1 kg and reciprocating 25 mm in vertical and 300 mm in horizontal directions under an operating temperature of 25 °C and within a humidity of 45 ~ 65 % RH (non-condensing).
2. When carrying a payload of 2 kg and reciprocating 25 mm in vertical and 300 mm in horizontal directions under an operating temperature of 25 °C and within a humidity of 45 ~ 65 % RH (non-condensing).
3. Models with specific z-axis length

Model Name		DRS40C4SS1BN002	DRS60C6SS1BN002	DRS65FASS1BN005 NEW
Image				
Range of Motion		 J1 axis mechanical stopper position: $\pm 133^\circ$ J2 axis mechanical stopper position: $\pm 148.3^\circ$	 J1 axis mechanical stopper position: $\pm 135^\circ$ J2 axis mechanical stopper position: $\pm 155^\circ$	 J1 axis mechanical stopper position: $\pm 150^\circ$ J2 axis mechanical stopper position: $\pm 147^\circ$
Number of Axis		4		
Max. Working Range		400 mm	600 mm	650 mm
Rated/Max. Payload		1 kg / 4 kg	2 kg / 6 kg	2 kg / 10 kg
Motion Range	J1	$\pm 130^\circ$	$\pm 133^\circ$	$\pm 150^\circ$
	J2	$\pm 146.6^\circ$	$\pm 153^\circ$	$\pm 147^\circ$
	J3	150 mm	200 mm / 300 mm ^{*3}	200 mm
	J4	$\pm 360^\circ$	$\pm 360^\circ$	$\pm 360^\circ$
	J5	-	-	-
Max. Speed	J1	4,710 mm/sec	5,000 mm/sec	8,700 mm/sec
	J2			
	J3	1,250 mm/sec	1,050 mm/sec	1,600 mm/sec
	J4	1,875°/s	2,000°/s	2,400°/s
	J5	-	-	-
Standard Cycle Time		0.42 sec ^{*1}	0.42 sec ^{*2}	0.29 sec ^{*2}
Tolerant Inertia	Rated	0.0091 kg.m ²	0.01 kg.m ²	0.03 kg.m ²
	Max.	0.075 kg.m ²	0.08 kg.m ²	0.36 kg.m ²
Rated Push Force (J3)		100 N	150 N	165 N
Repeatability (J1 + J2)		± 0.010 mm	± 0.015 mm	
User Wiring		15 Pin D-Sub		15 Pin D-Sub, RJ45 (CAT 5e)
User Tubing		$\varnothing 4$ mm $\times$ 2, $\varnothing 6$ mm $\times$ 1	$\varnothing 4$ mm $\times$ 1, $\varnothing 6$ mm $\times$ 2	$\varnothing 4$ mm $\times$ 1, $\varnothing 6$ mm $\times$ 2
Rating		IP20		
Weight		16 kg	20 kg	35 kg
Controller		DCS-1D00		DCS-1M00

Articulated Robots

Model Name		DRV70L7A6313N	DRV90L7A6313N	DRVA1L7B6113N
Image				
Range of Motion				
Number of Axes		6		
Max. Working Range		710 mm	900 mm	1,111 mm
Max. Payload		7 kg		
Motion Range	J1	± 170°		
	J2	+ 133° / -105°	+ 135° / -105°	
	J3	+ 65° / -205°		+ 62° / -205°
	J4	± 190°		
	J5	± 120°		
	J6	± 360°		
Max. Speed	J1	450°/sec	370°/sec	240°/sec
	J2	340°/sec	260°/sec	220°/sec
	J3	510°/sec	410°/sec	295°/sec
	J4	550°/sec		465°/sec
	J5	550°/sec		480°/sec
	J6	820°/sec		705°/sec
Max. Resultant Speed		11,000 mm/sec	10,600 mm/sec	9,400 mm/sec
Standard Cycle Time		0.32 sec	0.35 sec	0.48 sec
Max. Tolerant Inertia	J4	0.47 kg.m ²		
	J5	0.47 kg.m ²		
	J6	0.15 kg.m ²		
Tolerant Torque	J4	16.6 N.m		
	J5	16.6 N.m		
	J6	9.4 N.m		
Repeatability		± 0.02 mm	± 0.03 mm	± 0.04 mm
IP Rating		IP40 (IP65 Optional)		IP65 (Standard)
Weight		37 kg	39 kg	76 kg
Controller		DCV-2J00-AA		DCV-2J01-AA

Articulated Robots

Model Name		DRVA4L7B6113N	DRVA1LCC6123N	DRVA4LCC6123N
Image				
Range of Motion				
Number of Axes		6		
Max. Working Range		1,411 mm	1,183 mm	1,419 mm
Max. Payload		7 kg	12 kg	
Motion Range	J1	$\pm 170^\circ$		$\pm 170^\circ$
	J2	$+135^\circ/-105^\circ$		$+155^\circ/-90^\circ$
	J3	$+62^\circ/-205^\circ$		$+85^\circ/-150^\circ$
	J4	$\pm 190^\circ$		$\pm 200^\circ$
	J5	$\pm 120^\circ$		$\pm 150^\circ$
	J6	$\pm 360^\circ$		$\pm 455^\circ$
Max. Speed	J1	200°/sec		260°/sec
	J2	165°/sec	310°/sec	240°/sec
	J3	220°/sec	320°/sec	260°/sec
	J4	465°/sec	465°/sec	
	J5	480°/sec	470°/sec	
	J6	705°/sec	720°/sec	
Max. Resultant Speed		9,100 mm/sec	-	
Standard Cycle Time		0.54 sec	-	
Max. Tolerant Inertia	J4	0.47 kg.m ²	0.65 kg.m ²	
	J5	0.47 kg.m ²	0.65 kg.m ²	
	J6	0.15 kg.m ²	0.17 kg.m ²	
Tolerant Torque	J4	16.6 N.m	22 N.m	
	J5	16.6 N.m	22 N.m	
	J6	9.4 N.m	9.8 N.m	
Repeatability		± 0.05 mm	± 0.08 mm	
IP Rating		IP65 (Standard)	IP54 (body) + IP65 (wrist)	
Weight		82 kg	147 kg	153 kg
Controller		DCV-2J01-AA	DCV-1K02-AA	

Robot Controllers

Model Name	DCS-1D00	DCS-1M00	DCS-1P00	DCS-1L00-UA	DCS-1B00-CA DCS-1B00-UA	DCV-2J00-AA DCV-2J01-AA	DCV-1K02-AA
Appearance							
Phase / Voltage	Single-phase: 200-230 V _{AC}	Single-phase: 220 V _{AC} +PE	Single-phase: 200-230 V _{AC}	Single-phase: 200-230 V _{AC}		Single-phase: 200-230 V _{AC} +PE	Single-phase: 200-230 V _{AC} +PE
Control of Main Circuit	22-26 V _{DC} , 5 A			-			
Dimension (mm)	175 × 300 × 159			477 × 453 × 233	381 × 453 × 268	383 × 406 × 232	503 × 500 × 278
Weight (kg)	5.6			26	20	22	28
Communication Interfaces	Ethernet, DMCNET, RS-232, RS-485, I/O, Encoder, USB			Ethernet, DMCNET, RS-232, RS-485, I/O, Encoder			
Rated current	5A	10A	5A	15A	10A	15A	30A
IP Rating	IP20						

Ordering Information

Model Name	Description	Note
SCARA Robot DRS Series		
DRS30L3SS1BN002	4-axis, 300 mm arm length, 3 kg	Optional models with 5/10m cable*
DRS40L3SS2BN005	4-axis, 400 mm arm length, 3 kg	
DRS40C4SS1BN002	4-axis, 400 mm arm length, 4 kg	
DRS50L3SS2BN005 NEW	4-axis, 500 mm arm length, 3 kg	
DRS60L6SS2BN005	4-axis, 600mm arm length, 3 kg	
DRS50L6SS2BN005	4-axis, 500 mm arm length, 6 kg	Optional models with 5/10m cable and 200mm/300mm Z-axis*
DRS60L3SS1BN002	4-axis, 600mm arm length, 6 kg	
DRS70L6SS2BN005	4-axis, 700 mm arm length, 6 kg	
DRS60C6SS1BN002	4-axis, 600 mm arm length, 6 kg	Optional models with 5/10m cable*
DRS60L6SN1BN302	3-axis, 600mm arm length, 6 kg	
DRS60L3SS1BN502	5-axis, 600 mm arm length, 3 kg	
DRS60L6DS2BN005	4-axis, 600 mm arm length, 6 kg	500mm Z-axis length model
DRS60L6SO1BN002	4-axis, 600mm arm length, 6 kg	High inertia model, Optional models with 5/10m cable
DRS60LASS2BN005	4-axis, 600 mm arm length, 10 kg	Optional models with 5/10m cable and 200mm/300mm Z-axisec*
DRS70LASS2BN005	4-axis, 700 mm arm length, 10 kg	
DRS80LASS2BN005 NEW	4-axis, 800 mm arm length, 10 kg	
DRS65FASS1BN005 NEW	4-axis, 650 mm arm length, 10 kg	Optional models with 5/10m cable and 200mm/420mm Z-axisec*
DRS60LCSS1BN002	4-axis, 600 mm arm length, 12 kg	
DRS70LCSS1BN002	4-axis, 700 mm arm length, 12 kg	
DRS80LCSS1BN002	4-axis, 800 mm arm length, 12 kg	
DRS60H6SS1BN002	4-axis, 600 mm arm length, 6 kg, ceiling type	Optional models with 5/10m cable*
DRS85HCSS2BN002 NEW	4-axis, 850 mm arm length, 12 kg, ceiling type	Optional models with 5/10m cable and 200 mm/420 mm Z-axisec*
DRS80LMSS1BN002	4-axis, 800mm arm length, 22 kg	
DRSA0LMSS1BN002	4-axis, 1,000mm arm length, 22 kg	

Note: *Please contact regional distributors for optional models

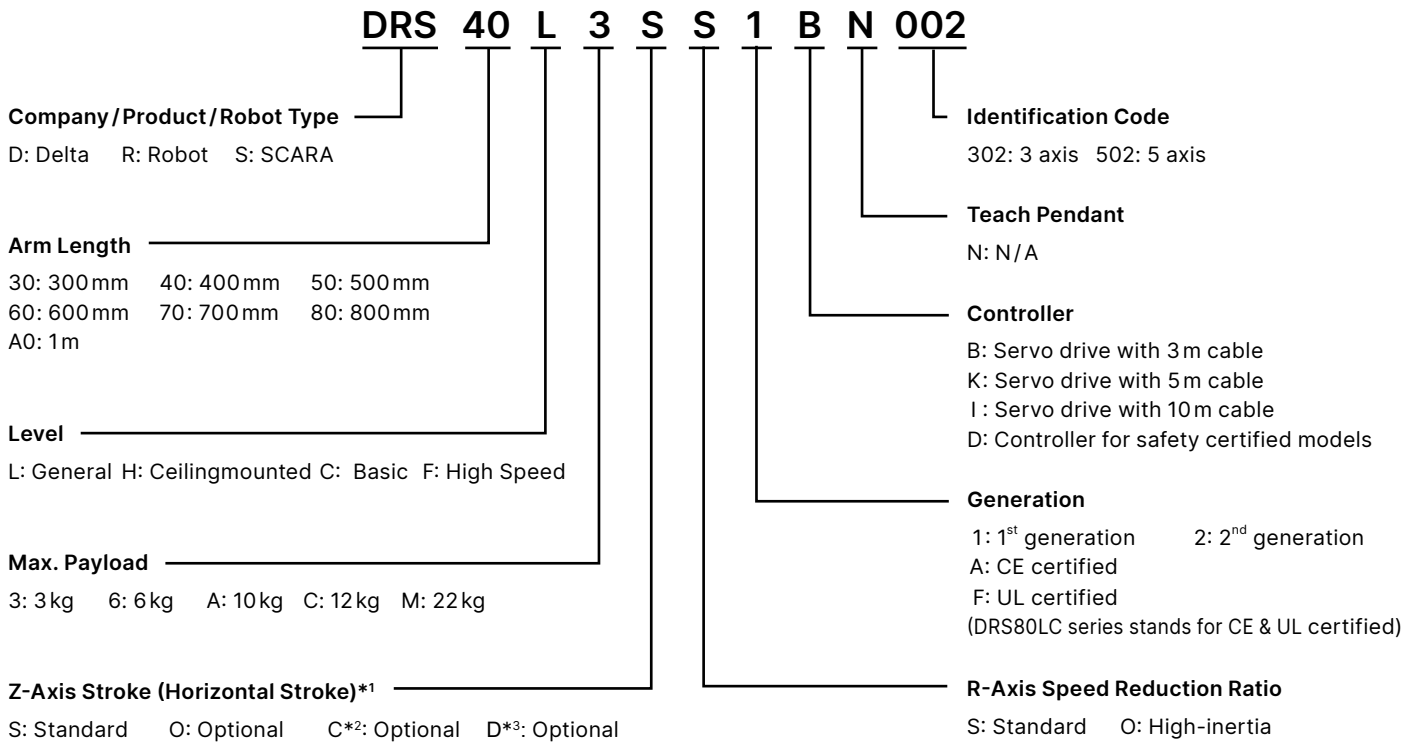
Ordering Information

Model Name	Description	Note
SCARA Robot DRS Series		
DRS40L3SSADN005	4-axis, 400 mm arm length, 3 kg, CE certified	
DRS50L6SSADN005	4-axis, 500 mm arm length, 6 kg, CE certified	
DRS60L6SSADN005	4-axis, 600 mm arm length, 6 kg, CE certified	
DRS70L6SSADN005	4-axis, 700 mm arm length, 6 kg, CE certified	
DRS40L3SSFDN003	4-axis, 400 mm arm length, 3 kg, UL certified	
DRS60L6SSFDN003	4-axis, 600 mm arm length, 6 kg, UL certified	
DRS80LCSSFDN002	4-axis, 800 mm arm length, 12 kg, CE/UL certified	Optional models with 5/10 m cable and 200 mm/420 mm Z-axis*
Articulated Robot DRV Series		
DRV70L7A6313N	6-axis, 710 mm arm length, 7 kg, IP40	Optional models with 5 m cable*
DRV70L7B6213N	6-axis, 710 mm arm length, 7 kg, IP65	
DRV90L7A6313N	6-axis, 900 mm arm length, 7 kg, IP40	
DRV90L7B6213N	6-axis, 900 mm arm length, 7 kg, IP65	
DRVA1L7B6113N	6-axis, 1,111 mm arm length, 7 kg, IP65	Optional models with 5 m cable*
DRVA4L7B6113N	6-axis, 1,411 mm arm length, 7 kg, IP65	
DRVA1LCC6123N	6-axis, 1,183 mm arm length, 12 kg, IP65 for wrist and IP54 for body	
DRVA4LCC6123N	6-axis, 1,419 mm arm length, 12 kg, IP65 for wrist and IP54 for body	
DRV70L7D6213N	6-axis, 710 mm arm length, 7 kg, CE certified, IP40	
DRV90L7D6213N	6-axis, 900 mm arm length, 7 kg, CE certified, IP40	
DRV70L7E6213N	6-axis, 710 mm arm length, 7 kg, CE certified, IP65	
DRV90L7E6213N	6-axis, 900 mm arm length, 7 kg, CE certified, IP65	
Handheld Teaching Pendantsa		
DTS-3FD	TP for SCARA robots, 5 m cable, 21 keys	
DTS-3GD	TP for SCARA robots, 10 m cable, 21 keys	
DTS-2FM	TP for CE/CR certified SCARA robots, 5 m cable, 21 keys	
DTS-2GM	TP for CE/CR certified SCARA robots, 10 m cable, 21 keys	
DTV-2FM	TP for articulated robots, 5 m cable, 21 keys	
DTV-2GM	6-axis specific TP, 10 m cable, 21 keys	
Robot Applications		
DRSW-CVS1D01	Conveyor tracking software package for robots	
DRSW-OFS1D01	On-the-fly software package for robots	
DRSW-SCS1D01	Delta Robotic Simulation Platform DRASimuCAD	
Optional Accessories		

Optional expansion DI/O modules, connection cables, and expansion servo drives are available. Please refer to the catalogues of Delta SCARA Robot and Articulated Robot for detailed information.

Note: *Please contact regional distributors for optional models

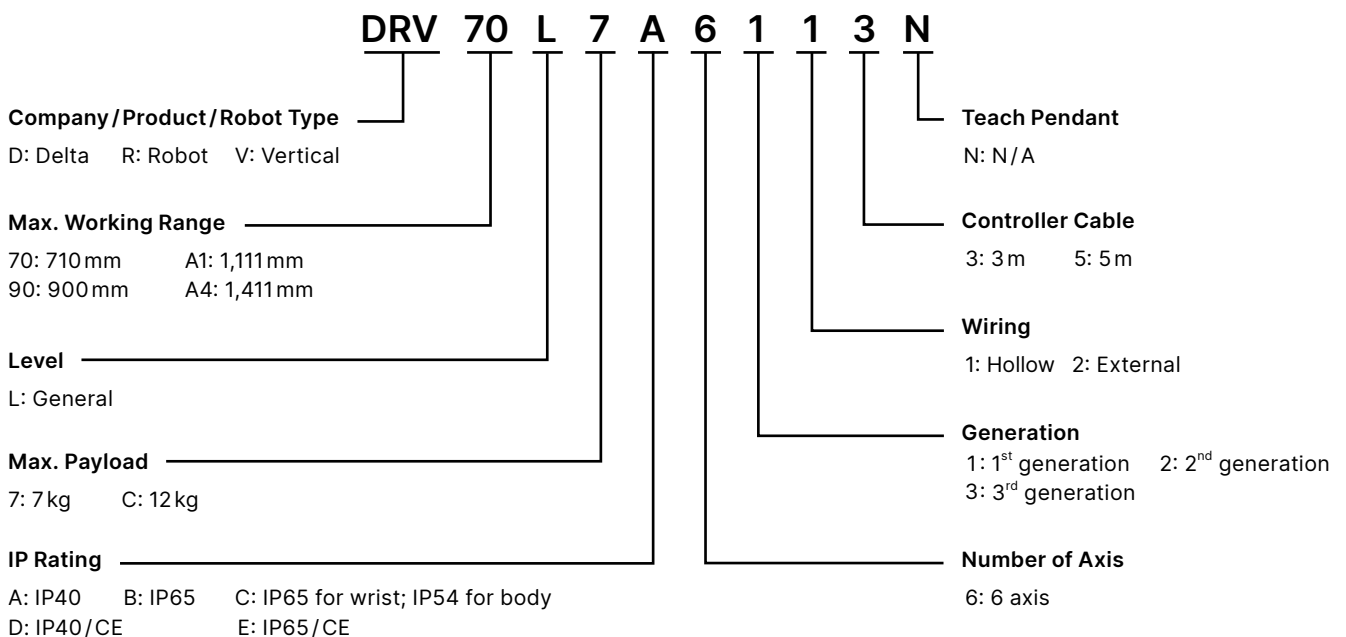
Model Explanation



Notes: *1. The Z-axis stroke length different depends on different models, please contact regional distributors for optional models information.

*2. Only for DRS60LC/DRS70LC/DRS80LC series

*3. Only for DRS60L6DS2 series





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