

Robot Specifications									
	Axis configuration		Arm length Work envelope		Maximum operating speed in PT mode *2				ad (kg) *3
			work envelope	repeatability *1	No gripper	With large gripper (GL)	With extra-large gripper (GW)	Rated	Maximum
Axis 1	Arm 1	360	±127°	±0.04mm	2916mm/s	2916mm/s	2916mm/s		
Axis 2	Arm 2	290	±127°	10.0411111	(Composite speed)	(Composite speed)	(Composite speed)	2	6
Axis 3	Vertical axis	—	200mm (Note 1)	±0.02mm	240mm/s	240mm/s	240mm/s	2	0
	Rotational axis	—	±360°	±0.02°	700°/s	—	—		
Axis 4	Large gripper GL (Note 2)	-	22mm (Both fingers)	±0.01mm	—	125mm/s (One finger)	—	_	1.5 (Note 3)
	Extra-large gripper GW (Note 2)	-	30mm (Both fingers)	±0.01mm	—	—	157mm/s (One finger)	_	2.5 (Note 3)

(Note 1) When the extra-large gripper is installed, the work envelope of the vertical axis becomes 150mm. (Note 2) Refer to the gripper selection guide in our ROBO Cylinder General Catalog. (Note 3) This is the maximum payload on the gripper when it is attached to a SCARA Robot.

Robot Specifications

	3-axis specification 4-axis		3-axis specification		
	No gripper	specification	With large gripper (GL) With extra-large gripper (GW)		
Encoder type	Battery-less absolute encoder *				
User wiring		26×5P (shielded) eparately. Refer to the detail.	User wiring is not supported because the gripper wiring is used.		
User piping	O.D. ø4, I.D. ø2.5, 3 air tubes Maximum working pressure 0.8MPa				
Standard cycle time *4 (sec)	0.	81	0.81 (When transporting 2kg including a gripper)		
Allowable torque (Axis 4) (N·m)	—	3.06	_		
Allowable moment (N·m)	9	.4	Ma:3.8 Mb:5.5 Mc:9.4	Ma:9.4 Mb:9.4 Mc:9.4	
Allowable inertial moment from the tip of the vertical axis *5 (kg·m ²)	Rated 0.01 Maximum 0.03	Rated 0.01 Maximum 0.01	Maximum 0.026	Maximum 0.024	
Ambient operating temperature/humidity	Temperature	e 0 ~ 40°C Humidity	y 20 ~ 85%RH (Non-condensing)		
Unit weight (kg)	21	22	22.3	22.9	
*The gripper is incremental type					
Attached Gripper Types					
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Attached Gripper Types									
IXP-3N6515GL	The large	The large gripper RCP4-GRSLL is installed at the tip of the vertical axis.							
IXP-3N6515GW	The extra	The extra-large gripper RCP4-GRSWL is installed at the tip of the vertical axis.							
Option									
Name	Option code	Reference page	Standard price						
Brake	В	Refer to our ROBO Cylinder General Catalog	—						

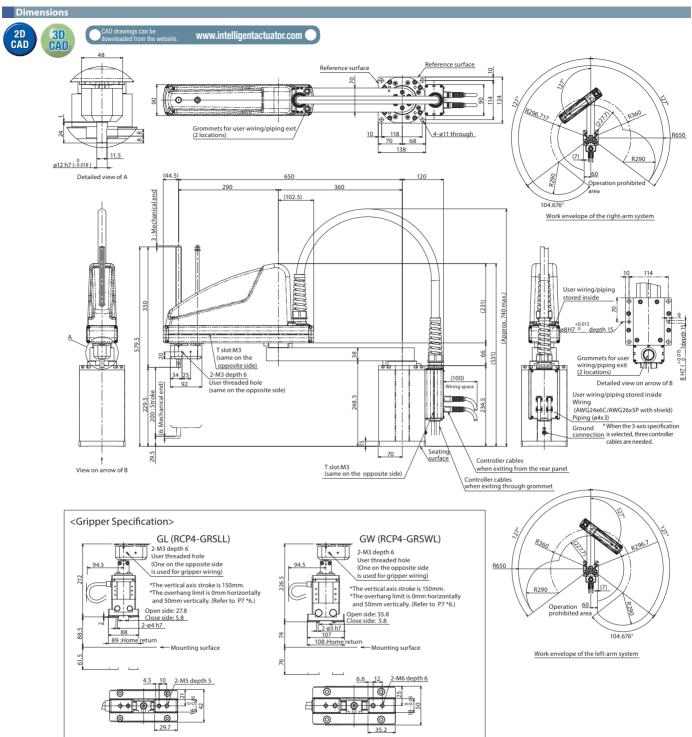
IXP-3N6520/6515/4N6520

Price List								
Specification		Model number	Standard price					
3-axis specification		IXP-3N6520	_					
3-axis specification with large gripper		IXP-3N6515GL	—					
3-axis specification with extra-large grippe	r	IXP-3N6515GW	_					
4-axis specification		IXP-4N6520	—					
Cable Length <per axis*=""></per>								
Туре		Cable code	Standard price					

Туре	Cable code	Standard price		
	P (1m)	—		
Standard type	S (3m)	—		
	M (5m)	—		
	X06 (6m) ~ X10 (10m)	—		
Specified length	X11 (11m) ~ X15 (15m)	_		
	X16 (16m) ~ X20 (20m)	—		
	R01 (1m) ~ R03 (3m)	_		
	R04 (4m) ~ R05 (5m)	—		
Robot cable	R06 (6m) ~ R10 (10m)	_		
	R11 (11m) ~ R15 (15m)	—		
	R16 (16m) ~ R20 (20m)	_		

*Make sure to select this when the transported object is 4kg or more.

*The 3-axis specification requires three cables, while the gripper specification and 4-axis specification require four cables.



Applicable Controller XP series robots can operate with the following controllers. Make sure to select the model depending on the purpose.										
Name External view Name Supp controlled axes		Supply voltage	Control method Position Pulse train Program Network *Option			Max. pos. points	Standard price	Reference page		
MSEL-PCX/PGX		4	Single-phase 100V ~ 230V	-	_	•	DeviceNet CC-Link	30000	_	→P37



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