

Rotary joint conformity table

NC Rotary table Tail spindle		Standard choice of rotary joint			Number of ports	Rated input pressure (MPa)	
Model	Size	Model	Built-in or External	Fixing method		Hydraulic	Pneumatic
CKR	160	RJ65H16Y01	Built-in	Jig side	7	7	0.7
	200	RJ65H20Y01	Built-in	Jig side	8	7	0.7
MK	200	RJ40H20Q10	Built-in	Jig side	4	7	0.7
		RJ70K20Q02	External	Jig side	4	25	1.0
		RJ40F20Q06	Built-in	Jig side	4+1(pneumatic)	7	0.7
		RJ70K20Q01	Built-in	Jig side	6	25	1.0
		RJ70K20Q03	External	Jig side	6	25	1.0
		RJ70Z20Q02	Built-in	Jig side	6+1(electric cable)	7	0.7
		RJ70Z20Q03	Built-in	Jig side	6+1(centre coolant)	7	0.7
	250	RJ40H25Q07	Built-in	Jig side	4	7	0.7
		RJ70K25Q02	External	Jig side	4	25	1.0
		RJ40F25Q01	Built-in	Jig side	4+1(pneumatic)	7	0.7
		RJ70K25Q01	Built-in	Jig side	6	25	1.0
		RJ70K25Q03	External	Jig side	6	25	1.0
		RJ70Z25Q01	Built-in	Jig side	6+1(electric cable)	7	0.7
		RJ70Z25Q02	Built-in	Jig side	6+1(centre coolant)	7	0.7
	350	RJ70H35Q01	Built-in	Jig side	6	7	0.7
		RJ70Z35Q01	Built-in	Jig side	6+1(centre coolant)	7	0.7
		RJ80H35Q01	Built-in	Jig side	8	7	0.7
		RJ120K35Q1	Built-in	Jig side	10+1(centre coolant)	25	1.0
		RJ105K35Q1	Built-in	Jig side	12+1(centre coolant)	7	1.0
		RJ160Z35Q1	Built-in	Jig side	16+1(centre coolant)	7	0.7
	MR	120	RJ32-12Q04	Built-in	Rotary table side	3	3
RJ32-12Q01			Built-in	Jig side	3	3	0.7
160		RJ40F16Q06	Built-in	Jig side	4+1(pneumatic)	7	0.7
		RJ40H16Q	Built-in	Jig side	4	7	0.7
		RJ40X16Q02	External	Rotary table side	6	7	0.7
200		RJ40F20Q02	Built-in	Rotary table side	4+1(pneumatic)	7	0.7
		RJ40F20Q03	Built-in	Jig side	4+1(pneumatic)	7	0.7
		RJ40H20Q02	Built-in	Rotary table side	4	7	0.7
		RJ40H20Q09	Built-in	Jig side	4	7	0.7
		RJ40X20Q01	External	Rotary table side	6	7	0.7
		250	RJ70H25Q02	Built-in	Rotary table side	6	7
RJ70H25Q04			Built-in	Jig side	6	7	0.7
RJ70X25Q05			Built-in	Rotary table side	8	7	0.7
RJ70Y25Q03			External	Rotary table side	8	7	0.7
320		RJ70H32Q01	Built-in	Rotary table side	6	7	0.7
		RJ80H32Q01	Built-in	Rotary table side	8	7	0.7
MRT		200	RJ40H20Q02	Built-in	Rotary table side	4	7
	RJ40H20Q09		Built-in	Jig side	4	7	0.7

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MX	160	RJ40F16P01	Built-in	Jig side	4+1(pneumatic)	7	0.7
		RJ40H16P01	Built-in	Jig side	4	7	0.7
GT	200	RJ40F20J01	Built-in	Rotary table side	4+1(pneumatic)	7	0.7
		RJ40H20J01	Built-in	Rotary table side	4	7	0.7
		RJ40X20J01	External	Rotary table side	6	7	0.7
	250	RJ70H25J01	Built-in	Rotary table side	6	7	0.7
		RJ70X25J01	Built-in	Rotary table side	8	7	0.7
	320	RJ70H32J01	Built-in	Rotary table side	6	7	0.7
RJ80H32J01		Built-in	Rotary table side	8	7	0.7	
TMX	160	RJ40F16D01	Built-in	Jig side	4+1(pneumatic)	7	0.7
		RJ40H16D01	Built-in	Jig side	4	7	0.7
		RJ40X16D01	External	Rotary table side	6	7	0.7
	200	RJ40F20D01	Built-in	Rotary table side	4+1(pneumatic)	7	0.7
		RJ40H20D01	Built-in	Jig side	4	7	0.7
		RJ40H20D04	Built-in	Rotary table side	4	7	0.7
		RJ40X20H05	External	Rotary table side	6	7	0.7
TMX TLX	250	RJ70H25D05	Built-in	Rotary table side	6	7	0.7
		RJ70H25D	Built-in	Jig side	6	7	0.7
TRX TLX	320	RJ70H32K02	Built-in	Rotary table side	6	7	0.7
		RJ70H32K04	Built-in	Jig side	6	7	0.7
		RJ100H32K1	Built-in	Jig side	10	7	0.7
TBX	250	RJ70H25F02	Built-in	Rotary table side	6	7	0.7
	320	RJ70H32F02	Built-in	Rotary table side	6	7	0.7
TUX	200	RJ40F20V01	Built-in	Rotary table side	4+1(pneumatic)	7	0.7
		RJ40H20V02	Built-in	Rotary table side	4	7	0.7
	250	RJ70H25V01	Built-in	Rotary table side	6	7	0.7
	320	RJ70H32V01	Built-in	Rotary table side	6	7	0.7
		RJ80H32V01	Built-in	Rotary table side	8	7	0.7
TUS	400	RJ70H40U1	Built-in	Jig side	6	7	0.7
		RJ70Z40U01	Built-in	Jig side	6+1(centre coolant)	7	0.7
		RJ80H40U02	Built-in	Jig side	8	7	0.7
		RJ120K40U1	Built-in	Jig side	10+1(centre coolant)	25	1.0
		RJ105K40U1	Built-in	Jig side	12+1(centre coolant)	7	1.0
		RJ70H40U02	Built-in	Jig side	6(used with MP scale)	7	0.7
		RJ80H40U03	Built-in	Jig side	8(used with MP scale)	7	0.7
		RJ70H40U03	Built-in	Jig side	6(used with rotary encoder)	7	0.7

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TT/TW	101	RJ32-10T05	Built-in	Jig side	3	3	0.7
	120	RJ32-12T08	Built-in	Jig side	3	3	0.7
	140	RJ32TT140	Built-in	Rotary table side	4	7	0.7
	150	RJ40FTT150	Built-in	Rotary table side	4+1(pneumatic)	7	0.7
	182	RJ40FTT182	Built-in	Rotary table side	4+1(pneumatic)	7	0.7
	200	RJ40FTT200	Built-in	Rotary table side	4+1(pneumatic)	7	0.7
	251	RJ70H25T01	Built-in	Jig side	6	7	0.7
		RJ70H25T02	Built-in	Rotary table side	6	7	0.7
	321	RJ70H32T04	Built-in	Jig side	6	7	0.7
		RJ70H32T06	Built-in	Rotary table side	6	7	0.7
2180	RJ40TW2180	Built-in	Rotary table side	2+3(pneumatic) x2	7	0.7	
RK	201	RJ70Y20Z04	Built-in	Jig side	8	7	0.7
RKT	180	RJ50RKT180	Built-in	Rotary table side	5+1(pneumatic)	7	0.7
TSR	121	RJ40H12W04	Built-in	Jig side	4	7	0.7
		RJ30F12W03	Built-in	Jig side	4+1(pneumatic)	7	0.7
TSR/MSR	142	RJ40F14W02	Built-in	Jig side	4+1(pneumatic)	7	0.7
		RJ40H14W07	Built-in	Jig side	4	7	0.7
	181	RJ40H18W05	Built-in	Jig side	4	7	0.7
		RJ70H18W09	Built-in	Jig side	6	7	0.7
TSRC/MSRC	140	RJ40H14W09	Built-in	Jig side	4	7	0.7
	150	RJ40H14W09	Built-in	Jig side	4	7	0.7

Note 1) +1 port for electrical cables and center coolant of MK200, 250, 350 and TUS400 is the $\phi 12.5$ multipurpose hole.

Note 2) Rotary joints cannot be installed on RSM100, TC and DM.

Note 3) Ports cannot be used for coolant except for the ports marked for centre coolant.

Note 4) Please contact our sales staff as there are other cases such as the number of ports and specifications that can be dealt with as individual special cases.