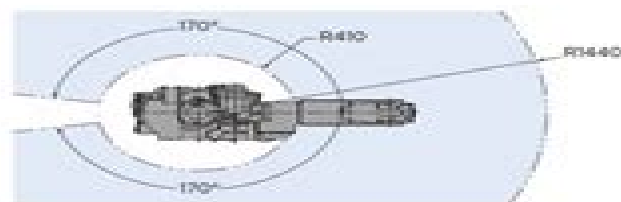
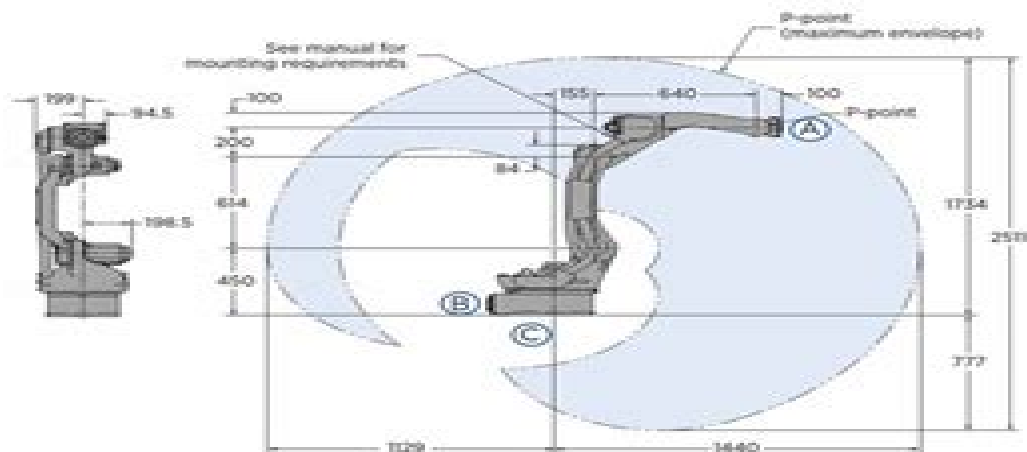


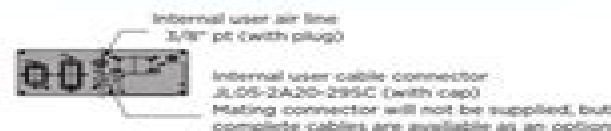
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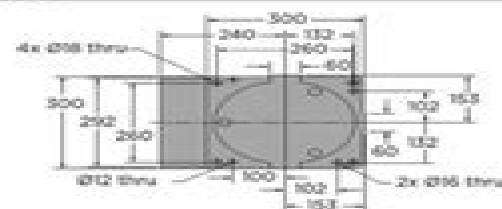
VIEW A



VIEW B



VIEW C



All dimensions are metric (mm) and for reference only.
Request detailed drawings for all design/engineering requirements.

SPECIFICATIONS

Axes	Maximum motion range [°]	Maximum speed [°/sec.]	Allowable moment [N·m]	Allowable moment of inertia [kg·m ²]	Controlled axes	
S	±170	230	-	-	Maximum payload [kg]	6
L	+155/-90	200	-	-	Repeatability [mm]	±0.08
U	+240/-175	230	-	-	Horizontal reach [mm]	1,440
R	±150	430	10.5	0.28	Vertical reach [mm]	2,511
B	+90/-135	430	10.5	0.28	Temperature [°C]	0 to +45
T	±210	630	3.2	0.06	Humidity [%]	20 - 80
					Weight [kg]	130
					Power rating [kVA]	1.5
					Internal I/O cable (feeder control)	18 conductors
					Internal gas line	(T) 3/8" connection

OPTIONS

Extended length manipulator cables
Robot risers and base plates
Wide variety of fieldbus cards
Vision systems
Seam tracking and seam finding packages
Variety of weld packages



AXES LEGEND

S-Axis: Swivel Base
L-Axis: Lower Arm
U-Axis: Upper Arm
R-Axis: Arm Roll
B-Axis: Wrist Bend
T-Axis: Tool Flange

Yaskawa America, Inc.
Motoman Robotics Division

100 Automation Way
Miamisburg, OH 45342
Tel: 937.847.6200
Fax: 937.847.6277

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Motoman Programing Manual With Welding

RJ Alexander



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Welding Design & Fabrication ,1984 **Welding and Metal Fabrication** ,1989 The Welding Workplace R Boekholt,2000-02-11 The welding industry is in the process of change and under pressure New processes and new materials are being introduced in the wake of increasingly tough competition In this book Richard Boekholt a senior welding consultant with vast experience and a uniquely international outlook has compiled and summarised international practice within the field of welding developed from a European Union study Working Life 2000 The Welding Industry in Technological Change a Human Resource Perspective The book looks at the impact of automation and explains that while some people may feel that the use of robotics and computers will threaten welders jobs in fact robots and computers will help welders not replace them At present welders are in demand and companies are faced with difficulties in recruiting and retaining good staff It is through improved working conditions which are presently often environmentally unsafe with workers exposed to smoke noise vibration and heavy physical labour that companies can attract and keep workers The book emphasises the importance of managing human resources and looks at new ways of doing this A recognition of the importance of managing human resources and looks at new ways of doing this A recognition of the importance of training of instructors as well as workers will be essential to achieve the dedicated motivated and flexible workforce necessary to work with the new technologies of the 21st century Technologies of Robotic Welding Maoai Chen,Wenjian Ren,Yuanning Jiang,2024-11-11 The book deals with robotic welding systems and their applications The mechanical design of manipulator sensing technology welding process manipulating technology and maintenance procedure of welding robot are presented in detail with must know basic theories about operation principle of robot briefly introduced The book features a large quantity of carefully selected images and tables to help the reader understand the technologies of robotic welding easily and quickly The book benefits welding engineers mechanical engineers researchers and senior undergraduate students and postgraduate students in the fields of welding engineering mechanical engineering etc **The Specifications and Applications of Industrial Robots in Japan** ,1994 *The Specifications and Applications of Industrial Robots in Japan 1984* Nihon Sangyōyō Robotto Kōgyōkai,1984 *Welding Journal* ,1990 *Standard Handbook of Fastening and Joining* Robert O. Parmley,1997 Mechanical and design engineers will welcome this new edition of the only comprehensive handbook covering virtually all fastening and joining methods Now with 325 additional pages the third edition substantially updates seven sections and features five entirely new sections on shafts and coupling seals and packings self clinching fasteners robotic assembly and innovative connections 450 illus **Advanced Manufacturing Systems** R. D. Eanes,1986-12 **Sheet Metal Industries** ,1994 *Exploiting Robots in Arc Welded Fabrication* John Weston,J. Weston,1989 **Vehicle and Automotive Engineering 3** Károly Jármai,Katalin Voith,2020-10-19 This book presents the proceedings of the third Vehicle and Automotive Engineering conference reflecting the outcomes of theoretical and practical studies and outlining future development trends in a broad field of automotive

research The conference s main themes included design manufacturing economic and educational topics *Customs Bulletin and Decisions* ,2002 **Transactions on Intelligent Welding Manufacturing** Shanben Chen,Yuming Zhang,Zhili Feng,2017-08-01 The primary aim of this volume is to provide researchers and engineers from both academia and industry with up to date coverage of recent advances in the fields of robotic welding intelligent systems and automation It gathers selected papers from the 2017 International Workshop on Intelligentized Welding Manufacturing IWIWM 2017 held June 23 26 2017 in Shanghai China The contributions reveal how intelligentized welding manufacturing IWM is becoming an inescapable trend just as intelligentized robotic welding is becoming a key technology The volume is divided into four main parts Intelligent Techniques for Robotic Welding Sensing in Arc Welding Processing Modeling and Intelligent Control of Welding Processing and Intelligent Control and its Applications in Engineering *Automatic Welding* ,1982 *Welding Research Abroad* ,1984 **CME** ,1988 *Machine Design* ,1983 **The Japan Industrial & Technological Bulletin** ,1986 Kempe's Engineers Year-book ,2002

Whispering the Secrets of Language: An Mental Journey through **Motoman Programing Manual With Welding**

In a digitally-driven earth wherever monitors reign supreme and quick transmission drowns out the subtleties of language, the profound strategies and psychological subtleties hidden within phrases usually get unheard. However, located within the pages of **Motoman Programing Manual With Welding** a interesting fictional treasure blinking with fresh feelings, lies a fantastic quest waiting to be undertaken. Penned by a skilled wordsmith, that marvelous opus invites visitors on an introspective trip, delicately unraveling the veiled truths and profound impact resonating within the fabric of each and every word. Within the emotional depths of this poignant evaluation, we shall embark upon a honest exploration of the book is key subjects, dissect their captivating publishing style, and succumb to the strong resonance it evokes heavy within the recesses of readers hearts.

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