

DENSO

DENSO WORLDWIDE



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Watch our latest videos



DENSO - Inventor of the QR Code

EN_HSR_Series_052016_V1

NOTE: The information contained in this brochure is intended for reference purposes only and is subject to change without prior notice. Please contact us for additional information.

DENSO

THE NEW HSR SERIES

PERFORMANCE REDEFINED



densorobotics-europe.com

PERFORMANCE, PERFECTED: THE NEW HSR SERIES

Discover the HSR Series, our next-generation SCARA robots that set a new standard of performance.

Sustained fast performance

High performance even during continuous operation over long periods.

SPECIFICATIONS

Spec		Unit	HSR-048	HSR-055	HSR-065
Arm reach (1st arm + 2nd arm)		mm	480	550	650
1st arm		mm	205	275	375
2nd arm		mm	275	275	275
Z-axis stroke		mm	100, 200, 320		
Payload		kg	8		
Mounting configuration			Floor, ceiling		
Positioning accuracy (Center of tool installation surface)	J1+J2	mm	±0.01	±0.012	±0.012
	Z	mm	±0.01	±0.01	±0.01
	T	deg	±0.004	±0.004	±0.004



Interlocking machine design and servo control

The advanced interlocking design assures highly effective vibration dampening.

Strengthened rigidity

Each arm component has a special manufacturing process to ensure maximum rigidity.

Lightweight

Arm motion has been redesigned to greatly reduce weight. Heat dissipation is also improved, enabling extended continuous operation.