Smart NM
In-line

Payload up to
45 Kg

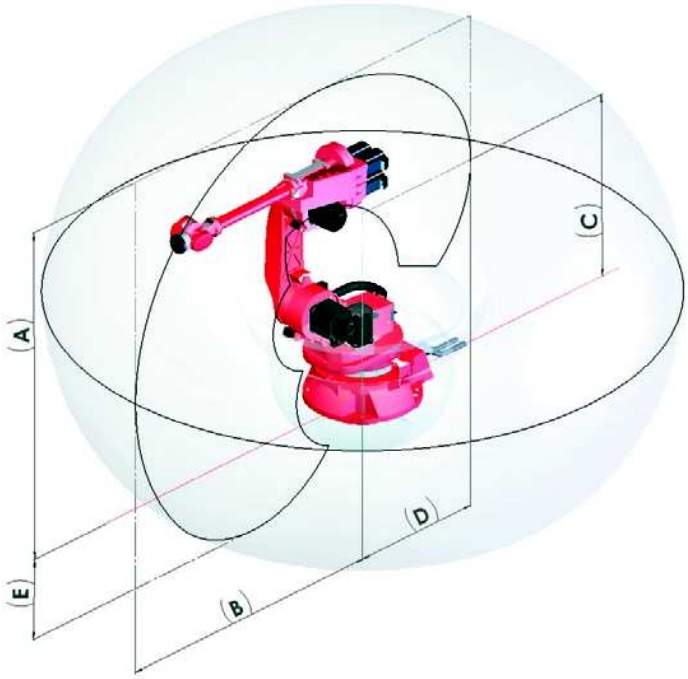
Maximum horizontal reach
3.100 mm

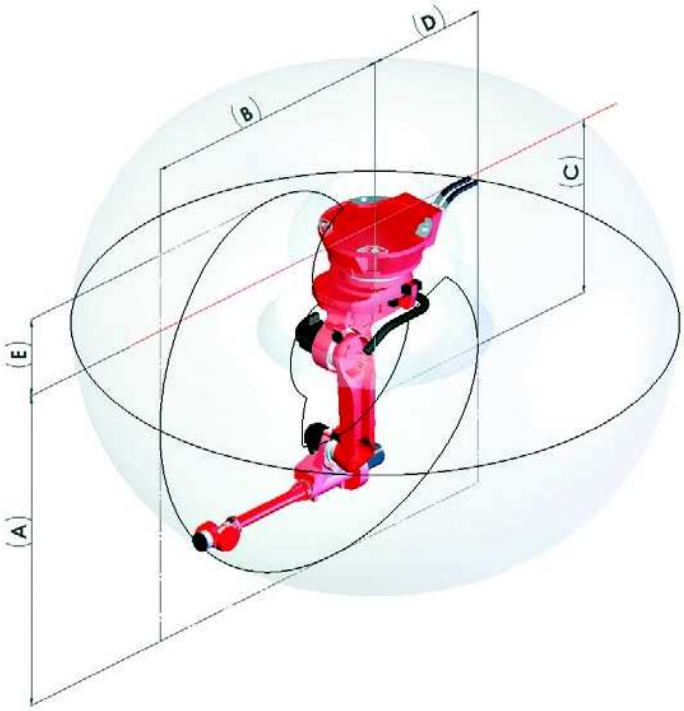
Repeatability
0,06 mm

In-line Wrist

Your robotized solutions

Smart NM
In-line





- Arc Welding
- Assembly
- Cosmetic Sealing
- Dispensing
- Foundry
- Handling Packaging
- Laser Welding Cutting
- Machine Tending
- Measuring Testing
- Plasma Cutting Water Jet
- Polishing Deburring
- Press Brake Bending
- Press to Press
- Processing Machining
- Wood-Glass Machining

ROBOT APPLICATIONS

Model		NM 45-2.0 In-line	NM 25-2.2 In-line	NM 16-3.1 In-line	
Number of axes		6	6	6	
Load at wrist	(Kg)	45	25	16	
Additional load on forearm	(Kg)	40	40	40	
Torque of axes (Nm)	4	177	177	41	
	5	177	177	41	
	6	118	118	23	
Axes stroke (Speed)	1	+/- 180° (160°/s)	+/- 180° (160°/s)	+/- 180° (120°/s)	
	2	+130°-53° (150°/s)	+130°-53° (150°/s)	+130°-53° (100°/s)	
	3	+110°-170° (160°/s)	+110°-170° (160°/s)	+110°-170° (100°/s)	
	4	+/- 2.700° (250°/s)	+/- 2.700° (250°/s)	+/- 2.700° (300°/s)	
	5	+/- 123° (250°/s)	+/- 123° (250°/s)	+/- 125° (250°/s)	
	6	+/- 2.700° (340°/s)	+/- 2.700° (340°/s)	+/- 2.700° (340°/s)	
Repeatability ISO 9283	(mm)	0,06	0,06	0,1	
Maximum horizontal reach	(mm)	2.000	2.241	3.100	
Installation position	(Titled 45° max)	Floor/Ceiling/Titled	Floor/Ceiling/Titled	Floor/Ceiling/Titled	
Protection Class		IP65/IP67 wrist	IP65/IP67 wrist	IP65/IP67 wrist	
Operating Areas (mm)	A	2.350	2.591	3.450	
	B	2.000	2.241	3.100	
	C	1.307	1.307	1.350	
	D	952	1.193	2.068	
	E	582	823	1.539	
Foundry version		Available	Available	Available	

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Smart NM
Off-set

Payload up to
45 Kg

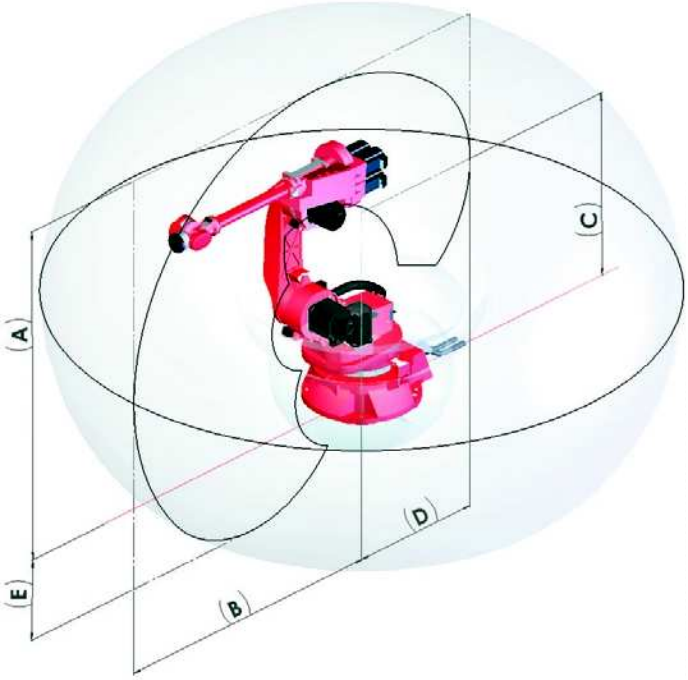
Maximum horizontal reach
2.241 mm

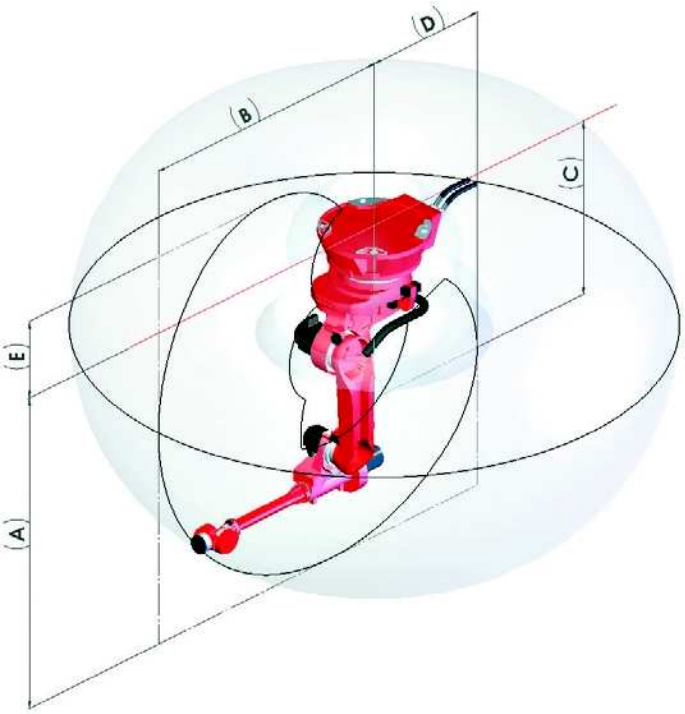
Repeatability
0,06 mm

Off-set Wrist

Your robotized solutions

Smart NM
Off-set





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ROBOT APPLICATIONS

Model		NM 45-2.0 Off-set	NM 25-2.2 Off-set		
Number of axes		6	6		
Load at wrist	(Kg)	45	25		
Additional load on forearm	(Kg)	40	40		
Torque of axes (Nm)	4	177	177		
	5	177	177		
	6	98	98		
Axes stroke (Speed)	1	+/- 180° (160°/s)	+/- 180° (160°/s)		
	2	+130°-53° (150°/s)	+130°-53° (150°/s)		
	3	+110°-170° (160°/s)	+110°-170° (160°/s)		
	4	+/- 2.700° (250°/s)	+/- 2.700° (250°/s)		
	5	+/- 2.700° (250°/s)	+/- 2.700° (250°/s)		
	6	+/- 2.700° (340°/s)	+/- 2.700° (340°/s)		
Repeatability ISO 9283	(mm)	0,06	0,06		
Maximum horizontal reach	(mm)	2.000	2.241		
Installation position	(Titled 45° max)	Floor/Ceiling/Titled	Floor/Ceiling/Titled		
Protection Class		IP65/IP67 wrist	IP65/IP67 wrist		
Operating Areas (mm)	A	2.350	2.591		
	B	2.000	2.241		
	C	1.307	1.307		
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Foundry version		Available	Available		

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