

Robot

DCR-2700-210



Highlights

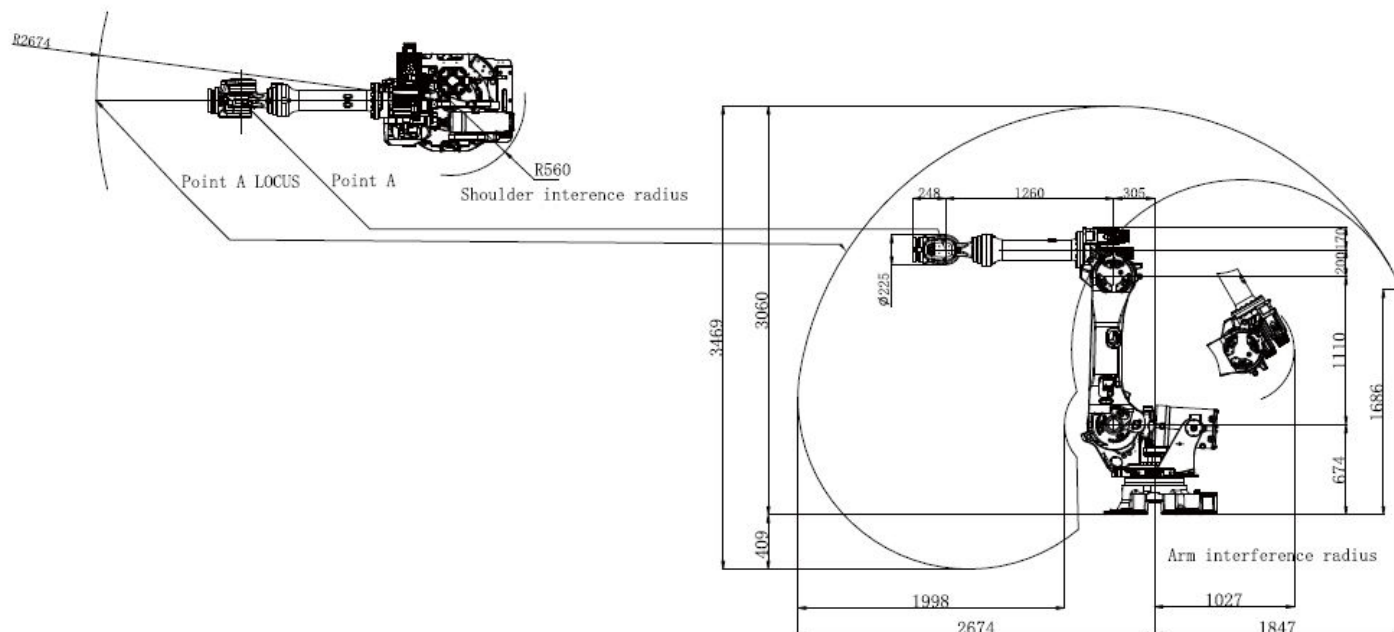
Boost your productivity with our industrial robots designed for heavy-duty applications. Engineered for precision, speed, and reliability.

- Payload **210 kg**
- **6-axis, EtherCAT** communication
- High-speed operation with repeatable accuracy
- Both robot and bending machine **controlled by same CNC**
- **Automatically generated** robot program from the bending program
- **Very quick and simple robot integration**

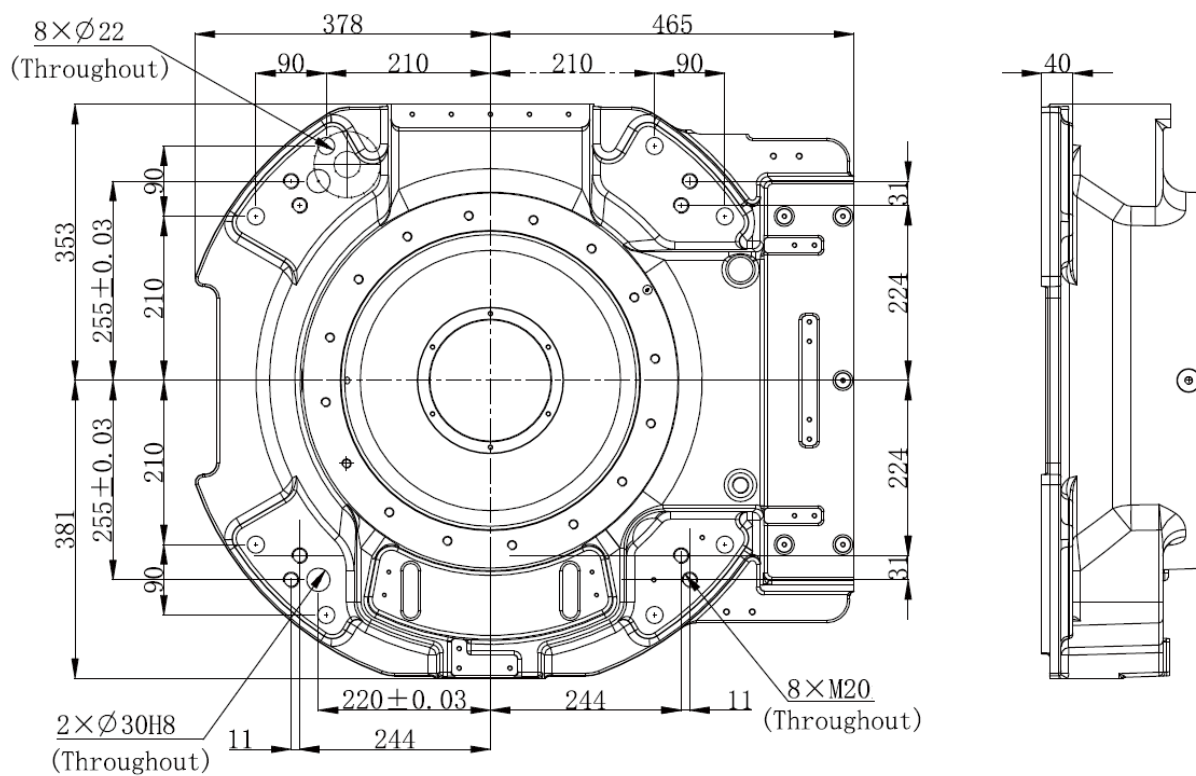
Technical characteristics

Ordering number			DCR-2700-210		
Model		DCR-2700-210	Allowable load moment at wrist	J4	1337 N.m
Type		Articulated		J5	1337 N.m
Controlled axes		6 axes		J6	720 N.m
Max. payload on wrist		210 kg	Allowable load inertia at wrist	J4	141.1 kg.m²
Repeatability		+/- 0.1 mm		J5	141.1 kg.m²
Robot weight		1110 kg		J6	79 kg.m²
Reach		2674 mm	Maximum speed	J1	100°/sec
Robot IP grade		IP65		J2	90°/sec
Cabinet IP grade		IP54		J3	85°/sec
Drive mode		AC servo drive		J4	109°/sec
Installation		Floor		J5	105°/sec
				J6	200°/sec
Installation environment	Ambient temperature	0~45 °C	Motion range	J1	+/- 180°
	Ambient humidity	RH≤80% (no dew nor frost allowed)		J2	+60°/-80°
	Vibration acceleration	4.9 m/ s² (< 0.5 G)		J3	+90°/-83°
		J4		+/- 360°	
		J5		+/- 120°	
				J6	+/- 360°

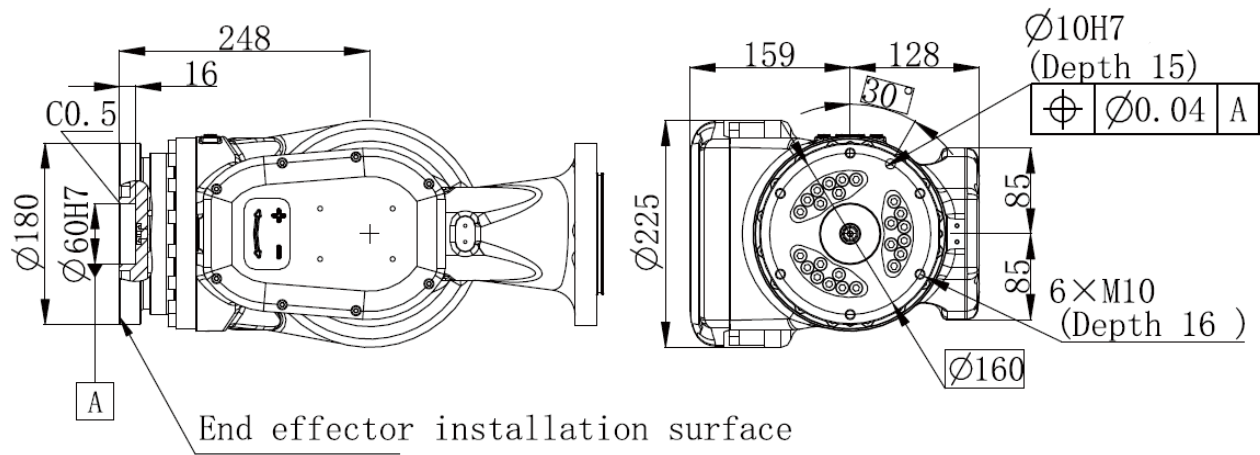
Operation space



Base mounting size



End flange mounting size



All specifications are subject to modification without notice
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