

PRODUCT DESIGNATION & NAMING CONVENTION

ZHR - [Series] - [Ratio] - [Encoder][Brake][Comm]

FIELD	MEANING	CODE EXAMPLE	DESCRIPTION / SPECIFICATION
ZHR	Prefix	ZHR	Integrated Robot Actuator (集成机器人执行器)
Series	Series (系列)	14 / 17 / 20 / 25	Product series based on frame size and weight category.
Ratio	Reduction Ratio	030 / 050 / 080 / 100	3-digit internal reduction ratio (e.g., 050 = 50:1).
Encoder	Encoder Type	M	M = Multi-turn Absolute Encoder (多圈绝对值编码器).
Brake	Brake Option	B / N	B = With Brake (带抱闸); N = No Brake (不带抱闸).
Comm	Communication	C / R / A	C = CAN; R = RS485; A = Both (CAN & RS485).

Selection Example: IRA-25-100-MBC
Deciphered as: IRA (Integrated Actuator) — Series 25 — 100:1 Ratio — Multi-turn Absolute Encoder — With Brake — CAN Communication.