Honeywell Hawk™ Resolvers
3-Inch Series, Multiple Configurations

Honeywell

For example, a **D27B14XGABNTB** catalog listing defines a Honeywell Hawk™ 3-Inch Series Resolvers, dual speed (1X and 16X), 2.75 in OD, 1.4 in ID, pancake bare configuration, 7 V, 2500 Hz, leadwire, bare mounting type, no bolt pattern, 0.25 transformation ratio, ±25 arcsec accuracy, stainless steel hub and housing.

D	27	B	14	X	G	A	B	N	T	B	x	xxx
Speed	Outside Diameter (Pancake Configuration only)	Configuration	Inside Diameter (ID) (includes shaft OD)	Voltage	Frequency	Connection	Mounting Type	Bolt Pattern (flanged housing/ hub only)	Transformation Ratio (Vout/Vin)	Accuracy over 360°	Housing Material	Customer Specified
D Dual speed (1X and 16X)	**27** 2.75 in	**B** Pancake: bare	**12** 1.2 in	**T** 5 V	**A** 400 Hz	**A** Leadwire	**B** Bare	**4** Four bolts equally spaced	**T** 0.25 (dual speed, 1X and 16X)	**A** ±20 arcsec (16X or dual speed)	**Blank** Stainless steel	
M Multi speed (16X)	**30** 3.00 in	**P** Pancake: simple housed; no transformer, not redundant	**14** 1.4 in	**X** 7 V	**B** 800 Hz	**B** Connector on unit	**F** Flange	**6** Six bolts equally spaced	**X** 0.45 (single speed, 1X)	**B** ±25 arcsec (16X or dual speed)	**T** Titanium	
S Single speed (1X)		**D** Pancake: simple housed; transformer		**Y** 10 V	**E** 1000 Hz	**C** Customer specified	**G** Series 11 NEMA servo-mount enclosure	**N** None	**Y** 1.0 (single speed, 1X)	**C** ±30 arcsec (16X or dual speed)		
		E Pancake: simple housed; no transformer, redundant		**Z** 26 V	**F** 2000 Hz	**D** Connector on cable	**S** Sleeve	**C** Customer specified		**D** ±40 arcsec (16X or dual speed)		
		F Pancake: simple housed; transformer, redundant		**C** Customer specified	**G** 2500 Hz		**C** Customer specified			**E** ±60 arcsec (16X or dual speed)		
		G Fully housed: no transformer, not redundant			**H** 5000 Hz					**F** ±240 arcsec (16X or dual speed)		
		H Fully housed: transformer, 360°+ mechanical, not redundant			**C** Customer specified					**G** ±420 arcsec		
		K Fully housed: transformer, 360°+ mechanical, redundant								**H** Customer specified		

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