Technical Documentation

RD0/32
Rolled Steel ODP | ASGH

Date: December 1, 2016

TECO ⓦ Westinghouse
MOTORS (CANADA) INC.

Date: December 1, 2016

Dimensional Drawing

Catalogue	Model	HP	Pole	kW	Rating	Voltage	Hz	RPM
RD0/32	ASGH	0.33	2	0.25	Continuous	230 / 460 V	60	3600
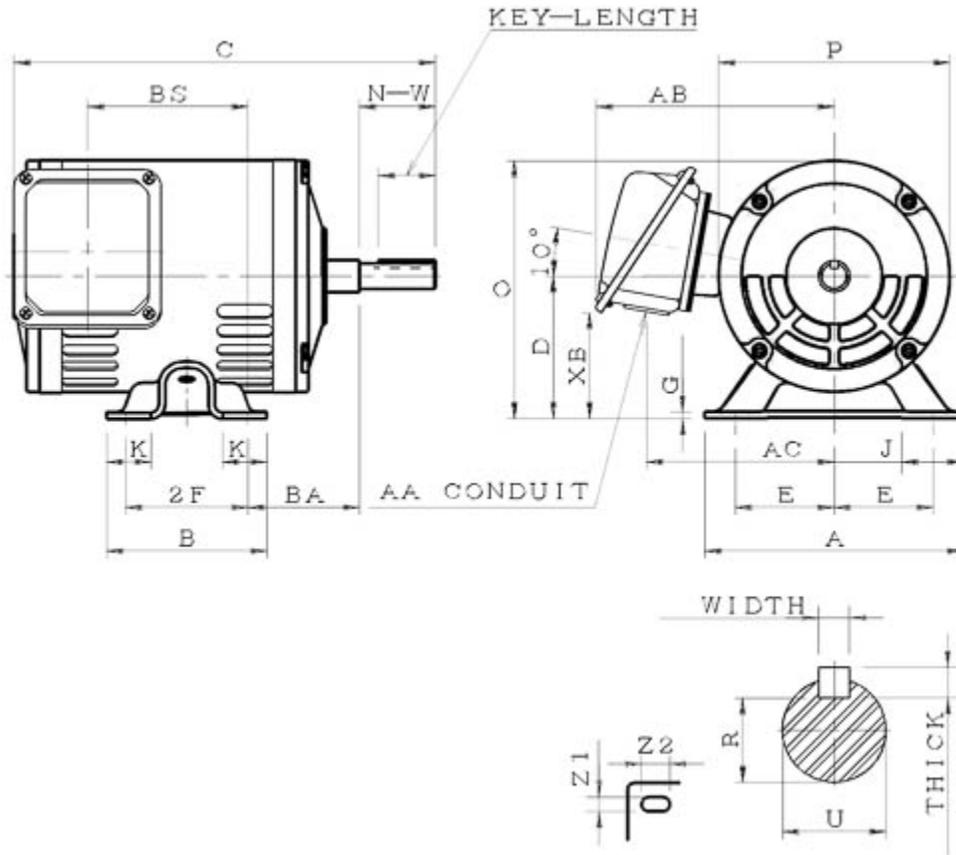
ASGH-SMP-1

Frame Size	Mounting					A	B	C	CD	D
	E	2F	2F2	H	BA					
56	2.44	3		0.34x0.68	2.75	6.38	3.94	10.38		3.5

G	J	K	L	M	O	P	T	Key			Keyseat
								Width	Thick	Length	R
0.16	1.54	1.08			6.34	5.69		0.188	0.188	1.41	0.517

Terminal Housing				Aux Box		C/D Flange					
AA	AB	AC	XB	AE	AX	BB	AH	AK	BD	AJ	BF
1.1	5.87	4.64	2.61								

Shaft Extension			Bearings		Approx. Weight Lbs	SPL dBA/3ft	Ins. Class	S.F.	Drive Method	Dimensions
N-W	U	V	DE	NDE						
1.875	0.625		6204ZZ	6203ZZ	19	55	F	1.15	Direct Coupling / Belt Drive	Inches

![TECO Westinghouse Motors (Canada) Inc. logo]

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Technical Data Sheet

Motor Type: ASGH	Catalogue No: RD0/32

Nameplate Information

HP	Pole	RPM	Frame	Voltage	Hz	Phase
0.33	2	3430	56	230 / 460	60	3

Enclosure	Ins. Class	Service Factor	Time Rating	NEMA Design	Rated Amb.	Rated Altitude
ODP	F	1.15	Continuous	B	-40 to 40 °C	<3300 ft

Typical Performance

Efficiency (%)				Power Factor (%)		
Full Load		3/4 Load	1/2 Load	Full Load	3/4 Load	1/2 Load
Nom.	Min.					
68.0	72.0	68.5	64.0	82.0	75.0	65.5

Torque				Current (A)		
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	No Load	Full Load	Locked Rotor
0.51	280	265	320	0.6 / 0.3	1.1 / 0.5	7 / 4

NEMA KVA Code	Inertia (WR^2)			Safe Stall Time (s)		Noise Level Sound Press. dB(A)
	Rotor (lb-ft^2)	NEMA Load (lb-ft^2)	Max. Allowable (lb-ft^2)	Cold	Hot	
K	0.017	0.4	5	88	61	55

VFD Duty Information

Speed Range			VFD		S.F.
Constant Torque	Variable Torque	Constant Power	Carrier	Type	
6-60Hz	3-60Hz	60-120Hz	≤ 5 kHz	VPWM or CPWM	1.0 Only

Additional Information

Bearings		Approx. Weight
DE	NDE	lbs
6204ZZ	6203ZZ	19

Hazardous Locations Information

N/A
Temp Code (Sinewave / VFD)   /

Connection Diagram
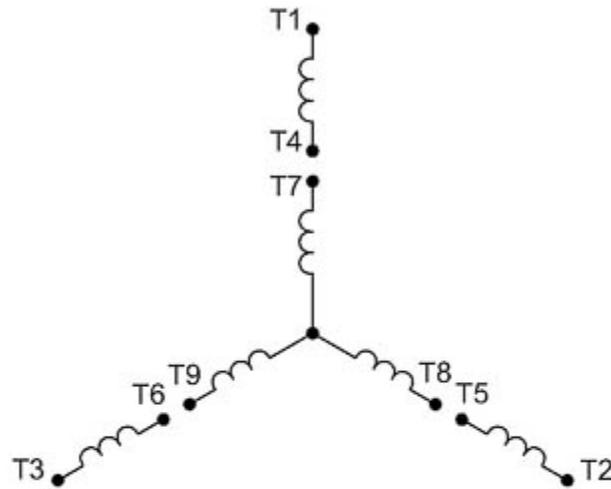
9 LEAD	DUAL VOLTAGE			WYE	
VOLTAGE	CONN.	L1	L2	L3	JOIN
HIGH	WYE	1	2	3	4&7,5&8,6&9
LOW	2 WYE	1,7	2,8	3,9	4&5&6

WD_9Y