Rotary Compressor: Fixed Speed

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer:FS Curtis		
	Model Number: NxHE110A-100	Date:	6/19/2018
2	X Air-cooled Water-cooled	Type:	Screw
	X Oil-injected Oil-free	# of Stages:	2
	Rated Capacity at Full Load Operating		
3*	Pressure a, e	824.6	acfm ^{a,e}
4	Full Load Operating Pressure b	100	psig
5	Maximum Full Flow Operating Pressure ^c	101	psig ^c
6	Drive MotorNominal Rating	150	hp
7	Drive Motor Nominal Efficiency	95.8	percent
8	Fan Motor Nominal Rating (if applicable)	5.5	hp
9	Fan Motor Nominal Efficiency	89.5	percent
10*	Total Package Input Power at Zero Flow ^e	54.5	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d	130.3	kW^d
12*	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure	15.8	kW/100 cfm ^e

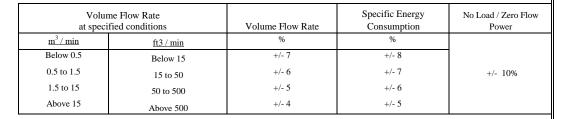
*For models that are tested in the CAGI Performance Verification Program, these items are verified by the third party administrator. Consult CAGI website for a list of participants in the third party verification program: www.cagi.org

NOTES:

a. Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex C; ACFM is actual cubic feet per minute at inlet conditions.

Member:

- b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 11) were measured
- for this data sheet. c. Maximum pressure attainable at full flow, usually the unload pressure setting for load/no load control or the
- maximum pressure attainable before capacity control begins. May require additional power. d. Total package input power at other than reported operating points will vary with control strategy.
- e. Tolerance is specified in ISO 1217, Annex C, as shown in table below:



ROT 030

CAP710-NXHE110-125

Rotary Compressor: Fixed Speed

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer:FS Curtis		
	Model Number: Nx110A-125	Date:	6/19/2018
2	X Air-cooled Water-cooled	Type:	Screw
	X Oil-injected Oil-free	# of Stages:	2
	Rated Capacity at Full Load Operating		
3*	Pressure a, e	738.0	acfm ^{a,e}
4	Full Load Operating Pressure b	125	psig b
5	Maximum Full Flow Operating Pressure c	126	psig
6	Drive MotorNominal Rating	150	hp
7	Drive Motor Nominal Efficiency	95.8	percent
8	Fan Motor Nominal Rating (if applicable)	5.5	hp
9	Fan Motor Nominal Efficiency	89.5	percent
10*	Total Package Input Power at Zero Flow	54.3	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d	129.9	kW^d
12*	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure	17.6	kW/100 cfm ^e

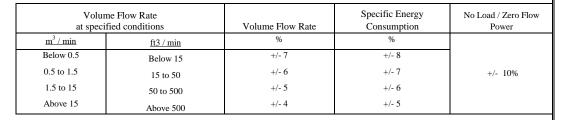
*For models that are tested in the CAGI Performance Verification Program, these items are verified by the third party administrator.

Consult CAGI websitefor a list of participants in the third party verification program: www.cagi.org

NOTES:

Member:

- a. Measured at the discharge terminal point of the compressor package in accordance with
- ISO 1217, Annex C; ACFM is actual cubic feet per minute at inlet conditions.
- b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 11) were measured for this data sheet.
- c. Maximum pressure attainable at full flow, usually the unload pressure setting for load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.
- d. Total package input power at other than reported operating points will vary with control strategy.
- e. Tolerance is specified in ISO 1217, Annex C, as shown in table below:



ROT 030

CAP710-NXHE110-150

Rotary Compressor: Fixed Speed

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer:FS Curtis		
	Model Number: NxHE110A-150	Date:	6/19/2018
2	X Air-cooled Water-cooled	Type:	Screw
	X Oil-injected Oil-free	# of Stages:	2
	Rated Capacity at Full Load Operating		
3*	Pressure a, e	662.5	acfm ^{a,e}
4	Full Load Operating Pressure b	150	b psig
5	Maximum Full Flow Operating Pressure c	151	psig
6	Drive MotorNominal Rating	150	hp
7	Drive Motor Nominal Efficiency	95.8	percent
8	Fan Motor Nominal Rating (if applicable)	5.5	hp
9	Fan Motor Nominal Efficiency	89.5	percent
10*	Total Package Input Power at Zero Flow	54.3	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d	129.9	kW^d
12*	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure	19.6	kW/100 cfm ^e

*For models that are tested in the CAGI Performance Verification Program, these items are verified by the third party administrator.

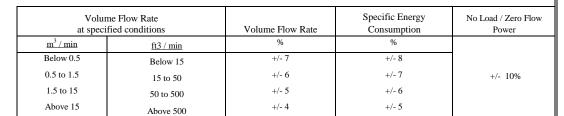
Consult CAGI websitefor a list of participants in the third party verification program: www.cagi.org

NOTES

 a. Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex C; ACFM is actual cubic feet per minute at inlet conditions.

Member:

- b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 11) were measured for this data sheet.
- c. Maximum pressure attainable at full flow, usually the unload pressure setting for load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.
- d. Total package input power at other than reported operating points will vary with control strategy.
- e. Tolerance is specified in ISO 1217, Annex C, as shown in table below:



ROT 030

CAP710-NXHE110-175

Rotary Compressor: Fixed Speed

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer:FS Curtis		
	Model Number: Nx110A-175	Date:	6/19/2018
2	X Air-cooled Water-cooled	Type:	Screw
	X Oil-injected Oil-free	# of Stages:	2
	Rated Capacity at Full Load Operating		
3*	Pressure a, e	610.7	acfm ^{a,e}
4	Full Load Operating Pressure b	175	psig b
5	Maximum Full Flow Operating Pressure c	176	psig c
6	Drive MotorNominal Rating	150	hp
7	Drive Motor Nominal Efficiency	95.8	percent
8	Fan Motor Nominal Rating (if applicable)	5.5	hp
9	Fan Motor Nominal Efficiency	89.5	percent
10*	Total Package Input Power at Zero Flow	54.3	kW ^e
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d	129.7	kW^d
12*	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure	21.2	kW/100 cfm ^e

*For models that are tested in the CAGI Performance Verification Program, these items are verified by the third party administrator.

Consult CAGI websitefor a list of participants in the third party verification program:

www.cagi.org

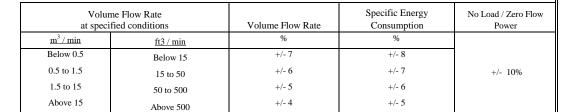
NOTES:

a. Measured at the discharge terminal point of the compressor package in accordance with

Member:

- ISO 1217, Annex C; ACFM is actual cubic feet per minute at inlet conditions.

 b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 11) were measured for this data sheet.
- c. Maximum pressure attainable at full flow, usually the unload pressure setting for load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.
- d. Total package input power at other than reported operating points will vary with control strategy.
- e. Tolerance is specified in ISO 1217, Annex C, as shown in table below:



ROT 030