

Duplex Rotary Screw Compressors



Compressed Air Systems

Simplicity. It's What We Do.

www.compressed-air-systems.com

1-800-531-9656 Fax 972-352-6364



Duplex Rotary Screw Compressors

Compressed Air Systems Duplex rotary screw compressors are the ultimate in electrical efficiency. A timed operating system controlled by a SMART contactor ensures a reliable and efficiently operating industrial compressor package.

Compressed Air Systems builds duplex rotary screw compressors in a variety of horsepower, tank, and electrical voltage ranges. Our duplex rotary screw compressors are built to be easy to service, maintain and operate. By not having a microprocessor control in the compressor package it makes the overall operation and maintenance of the compressor simple and easy while still offering remote monitoring and remote electrical capabilities.

Standard Options

- Operating Pressures from 100-190 psi
- Encapsulated easy to service airtight design
- Spin on separator and oil filter
- Air/oil cooler
- Automatic tank drain

Hour meter

- Heavy duty Air Filter
- SMART contact controls
- Load/unload switch
- Run and fault LED indicators
- 8000hr synthetic fluid fill standard
- Single solenoid operation
- Low tip speed on airtends

Optional Options

- Soft Start
- Variable frequency drive controls
- NEMA4 controls
- NEMA4X controls
- NEMA7 controls
- TEFC Motor
- Class 1 Division 2 drive motor



Model	HP	CFM @150psi	CFM @ 125psi	Tank Size	Voltage	Phase	Combined Amps @ 230 Volts
DRS51H120	5	36	38	120	208-230	1	48
DRS53H120	5	36	38	120	208-230/460-480	3	32
DRS71H120	7.5	52	58	120	208-230	1	64
DRS73H120	7.5	52	58	120	208-230/460-480	3	36
DRS101H120	10	76	80	120	208-230	1	90
DRS103H120	10	76	80	120	208-230/460-480	3	56
DRS153H120	15	105	110	120	208-230/460-480	3	84
DRS203H120	20	156	176	120	208-230/460-480	3	108
DRS253H120	25	204	216	120	208-230/460-480	3	126
DRS303H120	30	250	260	120	208-230/460-480	3	144
DRS403H120	40	310	320	120	208-230/460-480	3	184
DRS503H120	50	370	430	240	208-230/460-480	3	250
DRS603H120	60	450	490	240	208-230/460-480	3	288
DRS753H120	75	570	630	240	208-230/460-480	3	344

GCU Duplex Rotary Screw Compressors							
Model	HP	CFM @150psi	CFM @ 125psi	Tank Size	Voltage	Phase	Combined Amps @ 230 Volts
DRS51H120-GCU	5	34	36	120	120 208-230	1	48
DRS53H120-GCU	5	34	36	120	120 208-230/460-480	3	32
DRS71H120-GCU	7.5	50	54	120	120 208-230	1	64
DRS73H120-GCU	7.5	50	54	120	120 208-230/460-480	3	36
DRS101H120-GCU	10	76	80	120	120 208-230	1	90
DRS103H120-GCU	10	76	80	120	120 208-230/460-480	3	56
DRS153H120-GCU	15	105	110	120	120 208-230/460-480	3	84
DRS203H120-GCU	20	152	170	120	120 208-230/460-480	3	108
DRS253H120-GCU	25	200	210	120	120 208-230/460-480	3	126
DRS303H120-GCU	30	240	250	120	120 208-230/460-480	3	144

Enclosed Duplex Rotary Screw Compressors



Enclosed Duplex Rotary Screw Compressors							
Model	HP	CFM @150psi	CFM @ 125psi	Tank Size	Voltage	Phase	Combined Amps @ 230 Volts
DRS51ENC-CRD	5	36	38	120	120 208-230	1	48
DRS53ENC-CRD	5	36	38	120	120 208-230/460-480	3	32
DRS71ENC-CRD	7.5	52	58	120	120 208-230	1	64
DRS73ENC-CRD	7.5	52	58	120	120 208-230/460-480	3	36
DRS101ENC-CRD	10	76	80	120	120 208-230	1	90
DRS103ENC-CRD	10	76	80	120	120 208-230/460-480	3	56
DRS153ENC-CRD	15	105	110	120	120 208-230/460-480	3	84



Compressed Air Systems, LLC

2626 Skyway Drive
Grand Prairie, TX, 75052

1-800-531-9656

Fax 972-352-6364

Simplicity. It's What We Do.