



VRH

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› VRH 21 / VRH 25 / VRH 30 / VRH 35 / VRH 40 / VRH 50 / VRH 60 / VRH 70‹
hydraulic transmission compressors

TECNICAL DATA	Operating pressure	Air delivery	Oil delivery	Oil pressure	Dimensions (L x L x H)	Weight
VRH11	da 7 a 13 bar from 102 to 189 PSI	1100 lt/min 39 CFM	da 47 a 52 lt/min from 10 to 11 GPM/UK	da 125 a 165 bar from 1813 to 2393 PSI	580 x 850 x 550 mm 22,83 x 33,46 x 21,65 inches	185 kg 407 lbs
VRH15	da 7 a 13 bar from 102 to 189 PSI	1500 lt/min 53 CFM	da 60 a 110 lt/min from 13 to 24 GPM/UK	da 70 a 165 bar from 1015 to 2393 PSI	580 x 850 x 550 mm 22,83 x 33,46 x 21,65 inches	185 kg 407 lbs
VRH20	da 7 a 13 bar from 102 to 189 PSI	2000 lt/min 71 CFM	da 61 a 99 lt/min from 13 to 22 GPM/UK	da 106 a 220 bar from 1537 to 3190 PSI	696 x 800 x 704 mm 27,40 x 31,50 x 27,72 inches	225 kg 495 lbs
VRH21	da 7 a 13 bar from 102 to 189 PSI	2100 lt/min 74 CFM	da 71 a 99 lt/min from 16 to 22 GPM/UK	da 110 a 190 bar from 1595 to 2755 PSI	580 x 850 x 550 mm 22,83 x 33,46 x 21,65 inches	185 kg 407 lbs
VRH25	da 7 a 13 bar from 102 to 189 PSI	2500 lt/min 88 CFM	da 71 a 115 lt/min from 16 to 25 GPM/UK	da 115 a 235 bar from 1668 to 3408 PSI	696 x 800 x 704 mm 27,40 x 31,50 x 27,72 inches	225 kg 495 lbs
VRH30	da 7 a 13 bar from 102 to 189 PSI	3000 lt/min 106 CFM	da 94 a 135 lt/min from 21 to 30 GPM/UK	da 118 a 210 bar from 1711 to 3045 PSI	696 x 800 x 704 mm 27,40 x 31,50 x 27,72 inches	225 kg 495 lbs
VRH35	da 7 a 13 bar from 102 to 189 PSI	3500 lt/min 124 CFM	da 110 a 158 lt/min from 24 to 35 GPM/UK	da 118 a 210 bar from 1711 to 3045 PSI	696 x 800 x 704 mm 27,40 x 31,50 x 27,72 inches	225 kg 495 lbs
VRH40	da 7 a 13 bar from 102 to 189 PSI	4000 lt/min 141 CFM	da 107 a 158 lt/min from 24 to 35 GPM/UK	da 140 a 238 bar from 2030 to 3451 PSI	750 x 900 x 920 mm 29,53 x 35,43 x 36,22 inches	350 kg 770 lbs
VRH50	da 7 a 13 bar from 102 to 189 PSI	5000 lt/min 177 CFM	da 134 a 198 lt/min from 29 to 44 GPM/UK	da 140 a 240 bar from 2030 to 3480 PSI	750 x 900 x 920 mm 29,53 x 35,43 x 36,22 inches	350 kg 770 lbs
VRH60	da 7 a 13 bar from 102 to 189 PSI	6000 lt/min 212 CFM	da 140 a 199 lt/min from 31 to 44 GPM/UK	da 169 a 288 bar from 2451 to 4176 PSI	820 x 1211 x 1057 mm 32,28 x 47,68 x 41,61 inches	660 kg 1452 lbs
VRH70	da 7 a 13 bar from 102 to 189 PSI	7000 lt/min 247 CFM	da 148 a 232 lt/min from 33 to 51 GPM/UK	da 169 a 288 bar from 2451 to 4176 PSI	820 x 1211 x 1057 mm 32,28 x 47,68 x 41,61 inches	660 kg 1452 lbs

IMPORTANT: oil pressure and delivery can be modified in case of particular requests of the customer.

A NEW WORKING CONCEPT!

SUPERSILENT PORTABLE SCREW COMPRESSORS | POWERFUL & COMPACT



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ROTAIR®

TECHNOLOGY AND ENGINEERING SOLUTIONS

VRH RANGE HYDRAULIC TRANSMISSION COMPACT COMPRESSORS MODULES



VRH RANGE

The most performing screw compressor, thanks to its compact dimensions and weight, making it an ideal solution for specific applications such as drilling, operating machines and equipments requiring a high quality compressed air unit.

A NEW WORKING CONCEPT!



VRH RANGE

VRH Range

- An unbeatable range proposed with free air deliveries and operating pressures suitable to satisfy the most demanding requests of the users.
- Very easy to install, thanks to the "pack" module, integrating all the components and the control devices of the compressor.
- Low installation costs: to be operated, it only needs 12-24 Volt electric current and in-out feeding pipes for the hydraulic fluid.
- High efficiency in the operative delivery: the ROTAIR screw pumping group guarantees a better compressed air delivery depending on the installed power.
- Suitable to operate also under extreme environmental conditions: the excellent technology of the VRH group assures a working range between -15 °C (+ 5° Fahrenheit) and +45 °C (+113° Fahrenheit)*
- Service points very easily reachable, both for ordinary and extraordinary servicing.

* Different working pressures on request



Main features of the VRH modules:

- Axial pistons hydraulic motors, with bent axis design and fixed displacement.
- Direct engine/airend coupling by means of flexible coupling without servicing.
- By-pass device on the compressor oleodynamic line to assure the best performance and working also with low temperatures.
- Start/stop automatic system of the group in low pressure. Thanks to the START/WORK automatic system the compressor ensures the best quality of the delivered air.
- An electro-fan coupled with a widely dimensioned radiator ensures a high thermic exchange and a very good cooling of the hydraulic fluid of the compressor.
- Safety assured by a specific device on the hydraulic motor feeding, stopping the group in case of high working temperatures.
- Control panel complete with:
 - Start/stop button with cable for remote control
 - High temperature warning light
 - Emergency push-button for the immediate compressor stop
 - Protected electrical box accessible from outside
 - Cycle on warning light
 - Digital hour counter
 - Analog pressure gauge
- Frame and canopy made of high structural resistance steel.
- Available versions: on frame without canopy / on frame complete with canopy.

