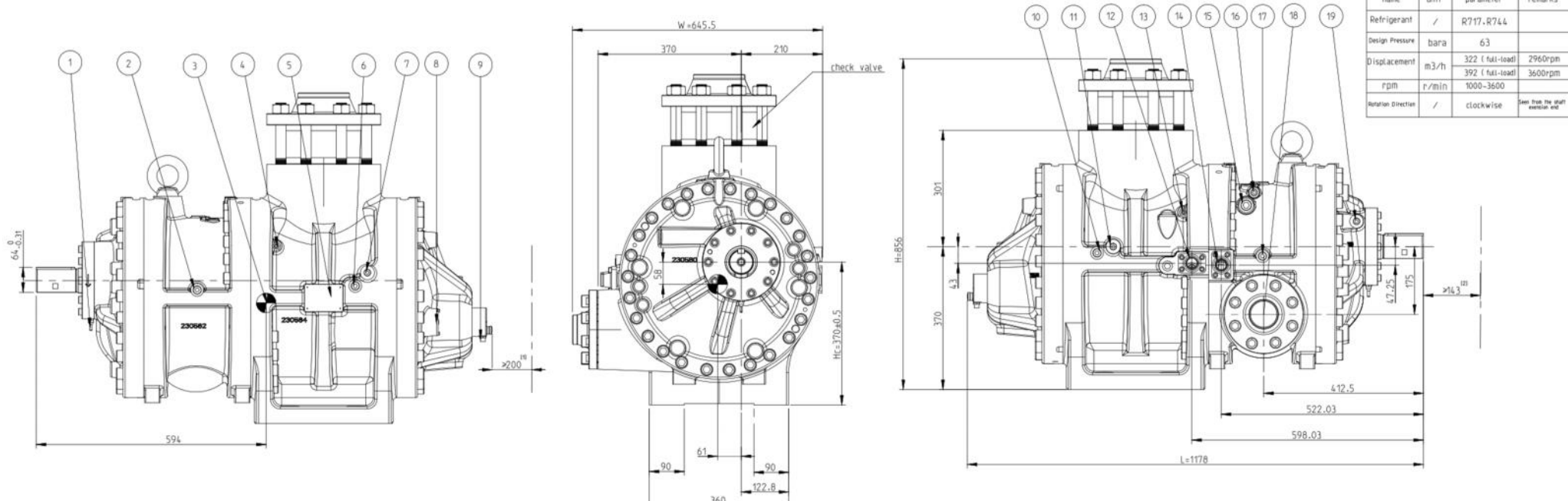


SRH16 high-pressure open-drive Compressor

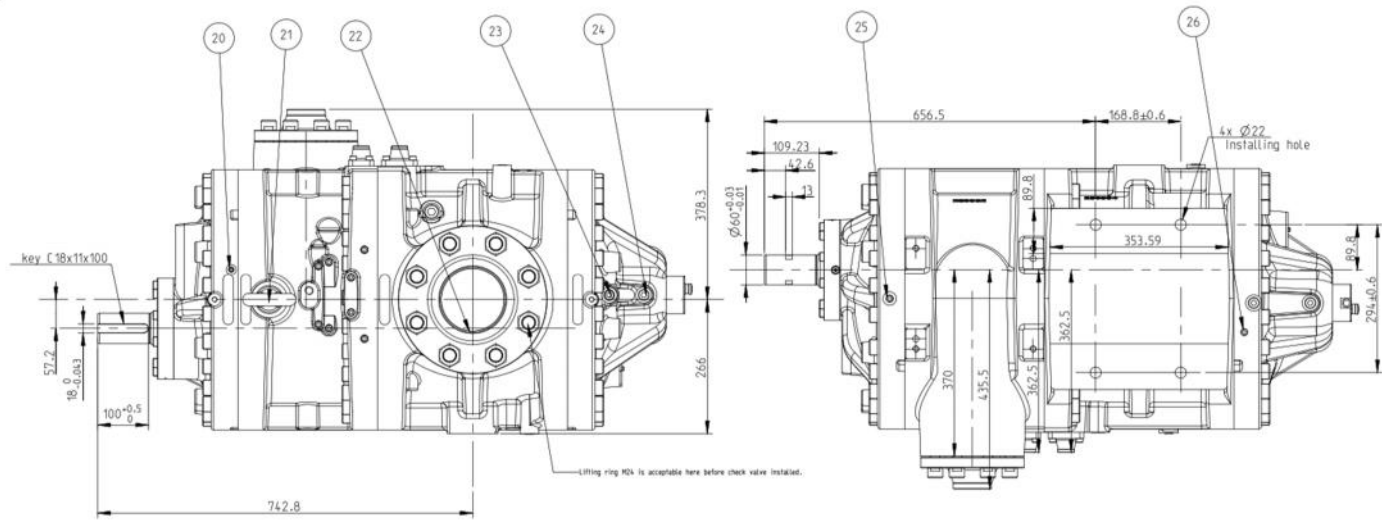
srmtecgroup.com/products/compressors/srh-16/



SRH 16 Series	
Model	SRH-16M
Displacement @2960 rpm [m3/h]	322
Displacement @3550 rpm [m3/h]	386
Capacity Control	step-less 30% - 100%
Max. rpm	3600
Vi Control	manually adjustable
Vi adjustment range	2.0 – 4.8
Rotation (from end of shaft)	clockwise
Non-return valve suction side	built-in
Suction inlet diameter [mm]	DN 125
Discharge outlet diameter [mm]	DN 65
Eco connection [mm]	DN 25, 32x3
Max operating pressure [bar]	63
Max discharge temperature [C]	130
Suction pressure range [bar]	5-16
Oil injection temperature range [C]	45-90
Min oil pressure	suction pressure +7bar
Length [mm]	1180
Width [mm]	609
Height [mm]	787 (856 check-valve)
Weight [kg]	965



name	unit	parameter	remarks
Refrigerant	/	R717.R744	
Design Pressure	bara	63	
Displacement	m3/h	322 (full-load)	2960rpm
		392 (full-load)	3600rpm
	rpm	r/min	1000-3600
Rotation Direction	/	clockwise	See from the shaft extension end



- Notes:
- 1. Oil Leakage point of shaft Seal $\phi 6/\phi 3.3$
 - 2. Bearing temp. test point of male rotor discharge side (only for prototype test) NPT1/2
 - 3. Center of Gravity
 - 4. Test point of air discharge and pressure test NPT1/8
 - 5. Name plate
 - 6. Bearing temp. test point of male rotor suction side (only for prototype test) NPT1/2
 - 7. Injection port of bearing lubrication NPT3/8
 - 8. Solenoid valve variable VI, S=27;
 - 9. Capacity sensor interface, non-explosion; 5 pins M12 connector; exploding: PG9, $\phi 5-7$ mm.
 - 10. Bearing temp. test point of female rotor suction side (only for prototype test) NPT1/2
 - 11. Injection port of bearing lubrication NPT3/8
 - 12. Rotor oil injection port, W.N flange: $\phi 32 \times 3$ (metric) or $\phi 33.7 \times 2.6$ (imperial).
 - 13. Test point of air discharge and pressure test NPT1/8
 - 14. Economiser if use, W.N flange: $\phi 32 \times 3$ (metric) or $\phi 33.7 \times 2.6$ (imperial); if not, don't connect pipeline
 - 15. Injection port of bearing lubrication NPT3/4
 - 16. Injection port of bearing lubrication NPT3/8
 - 17. Bearing temp. test point of female rotor discharge side (only for prototype test) NPT1/2
 - 18. Discharge port DN65/PN63, W.N flange $\phi 76 \times 4$ (metric and imperial share)
 - 19. Oil injection port of shaft seal NPT3/8
 - 20. Test point of air discharge and pressure test NPT1/8
 - 21. Lifting Ring M30
 - 22. Suction port DN125/PN63, W.N flange: $\phi 133 \times 4.5$ (metric) or $\phi 139.7 \times 6.3$ (imperial).
 - 23. Oil supply and return, loading NPT1/2
 - 24. Oil supply and return, Unloading NPT1/2
 - 25. Oil release port NPT1/4
 - 26. Oil release port NPT1/4

comments
 [1] It is retain maintenance space of capacity sensor
 [2] It is retain maintenance space of shaft seal
 [3] The parts with "v" must connect to pipe.

Assembly		SARMEC	
		SRH-16M	
		Outline Drawing	
		Kg	
		965.0	1:5
		010209	
		AA	