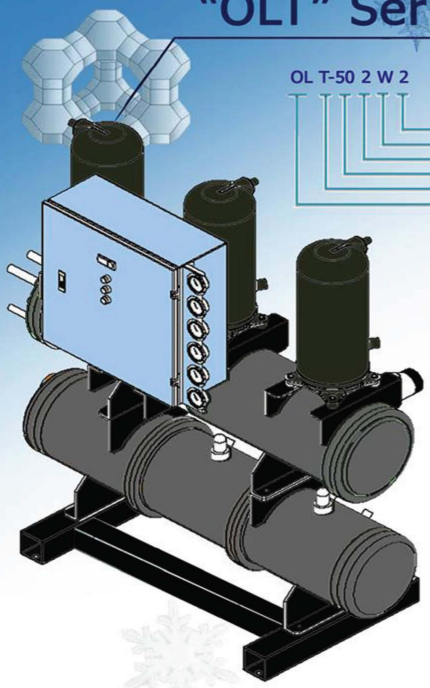
EDS Water Chiller

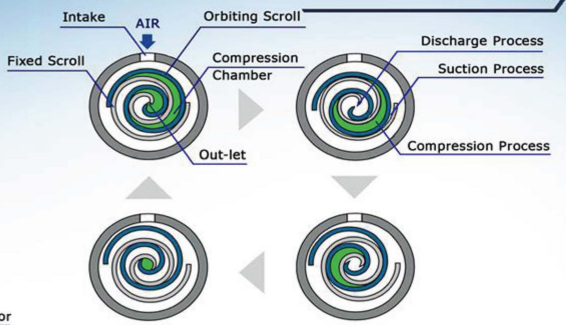
Application and Property

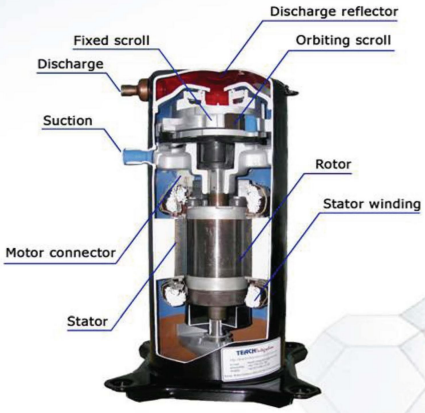
"OLT" Series



OL T-50 2 W 2

- Refrigerant 2=R22 /3=134a/4=R407C
- Water Cooled W = shell and tube
- Cir cuit Quantity 1/2/3/4
- Cooling Capacity Tons
- Type T = Compressor(Scroll)
- OL=shell and tube (Open Type)





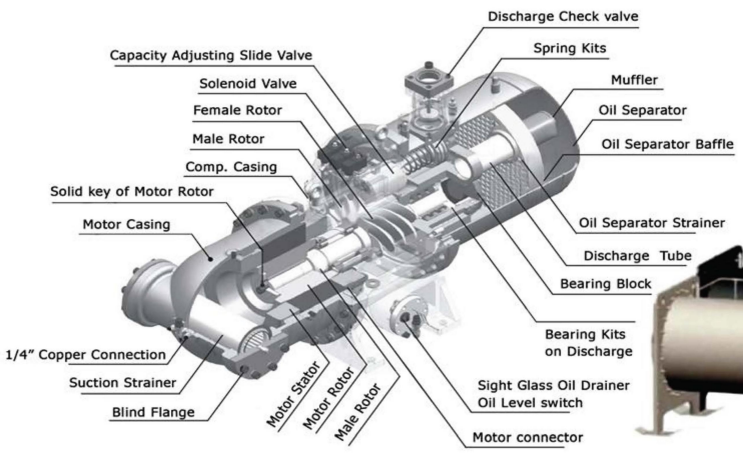
SECTIONED COPELAND SCROLL COMPRESSOR

Standard Property

Refrigerant	: R22 /R134a/R407C
Power source	: 3ph/380v/50hz
Condenser	: Water Cooled
Evaporator	: Shell and tube heat exchanger
Capacity supply	: 360,000 - 6,000,000 Btu
Compressor Type	: Hermetic Scroll

Option
- Hermetic Scroll
- Piston compressor
- Water Pump
- Water Tank
- Cooling Tower 5-500 ton

"OLS" Series



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Compressor Type	: Screw compressor

Option
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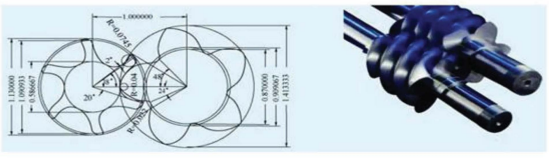
The Screw rotor with male and female rotor adopting 5-6 dentiform increase by 10-12% and energy seves by 25%



SKF Brand industry use bearing guarantees 60,000hr continuous working

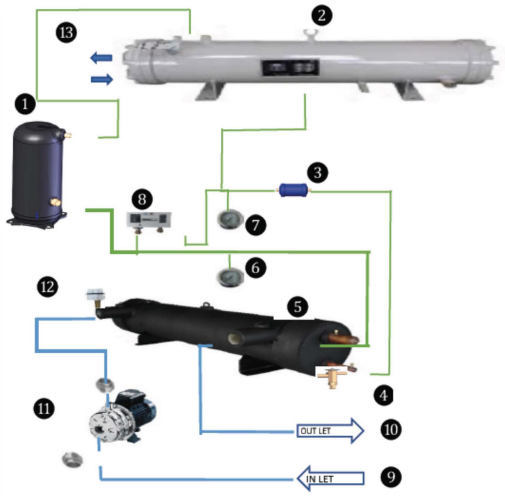
Certified : ISO 9001:2000
Certificate : No 10152

" EDS " Water Chiller Design for Asia industrial Use , Energy saving / High-efficiency /high-Quality.

"OLT " Standard Specification For Water Cooled

OLT		W	081	101	121	151	202	252	302	353	403	503	603
Cooling Capacity		Kw	27	35	42	50	70	85	102	127	139	169	211
		Kcal	23,220	30,100	36,120	43,000	60,200	73,100	87,720	109,220	119,540	145,340	181,460
Power Input		Kw	5	7	8	11	14	15	22	21	24	26	36
Current		A	11	15	18	23	27	28	46	40	49	57	67
Water Cooled	Connect	inch	2"	2"	2'	2"	2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	3"	3"
	Water Flow	L/mim	110	150	170	220	280	330	400	440	480	600	700
Dimensions	Weight	Kg	460	530	570	610	740	860	950	1,125	1,300	1,550	1,750
	Length	mm	650				650			650		650	
	Width	mm	1280				1850			1850		2580	
	Hight	mm	1400				1400			1600		1600	
Water Folw		L/min	85	100	130	180	210	250	320	360	420	510	650
Connect Size		inch	1-1/2"	1-1/2"	1-1/2"	2"	2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	3"	3"
Standard Pump (2,5 bar)		hp	(Option)										
Max. operating current		A	14	20	23	30	35	36	60	52	64	74	87
Circuit Quantity		no	1				2			3			
Capacity Step		%	0 / 100				0 / 50 / 100			0 / 33 / 66 / 100			
Compressor Type			Hermetic Scroll										
Refrigerant		-	R22 / (Option) R134a / R407c										
Power Source		50Hz	3 ph / 380-420V										
Safety devices			High / Low Pressure Switch , Chilled Water Low Temp. Switch , Thermal Overload ,										
			Compressor Intermal Thermostat , Phase Reverse Relay , Water Flow Switch										

Model OLT		W	703	803	1004	1254	1604	2004
Cooling Capacity		Kw	264	285	351	439	562	703
		Kcal	227,040	245,100	301,860	377,540	483,320	604,580
Power Input		Kw	42	48	56	74	96	112
Current		A	84	102	112	138	178	224
Water Cooled	Connect	inch	4"	4"	3"x2	4"x2	4"x2	4"x2
	Water Flow	L/mim	800	900	1,100	1,400	1,800	2,200
Dimensions	Weight	Kg	2,000	2,250	3,000	3,400	4,000	5,200
	Length	mm	800		990		1200	
	Width	mm	3000		3500		3000	
	Hight	mm	1850		1850		1850	
Water Folw		L/min	660	800	1,000	1,200	1,600	2,000
Connect Size		inch	4"	4"	4"	5"	5"	5"
Standard Pump (2,5 bar)		hp	(Option)					
Max. operating current		A	109	133	146	179	231	291
Circuit Quantity		no	3		4			
Capacity Step		%	0 / 33 / 66 / 100		0 / 25 / 50 / 100			
Compressor Type			Hermetic Scroll					
Refrigerant		-	R22 / (Option) R134a / R407c					
Power Source		50Hz	3 ph / 380-420V					



OL T-20 2 W S 3 2 2

- Pump hp 0=no pump 0.5/0.75/1/1.2/1.5/2/2.5/3/...
- Refrigerant 2=R22 / 3=R134a / 4=R407c
- Power source 1=1ph/230v / 3=3ph380-420v
- Chiller Type S=shell and tube / P=Plate
- Water Cooled W=shell and tube
- Circuit Quantity 1 / 2 / 3 / 4
- Cooling Capacity Tons
- Type T=Water supply
- OL=Open Type Shell and tube

1. Compressor
2. Condenser
3. Filter Drier
4. Thermo Expasion Valve
5. Plate Evaporator
6. Low Pressure Gauge
7. High Pressure Gauge
8. High/Low Pressure Switch
9. Chiller Water Inlet
10. Chiller Water Outlet
11. Water Pump (081~403)
12. Flow Switch
13. Cooling Water In/Out