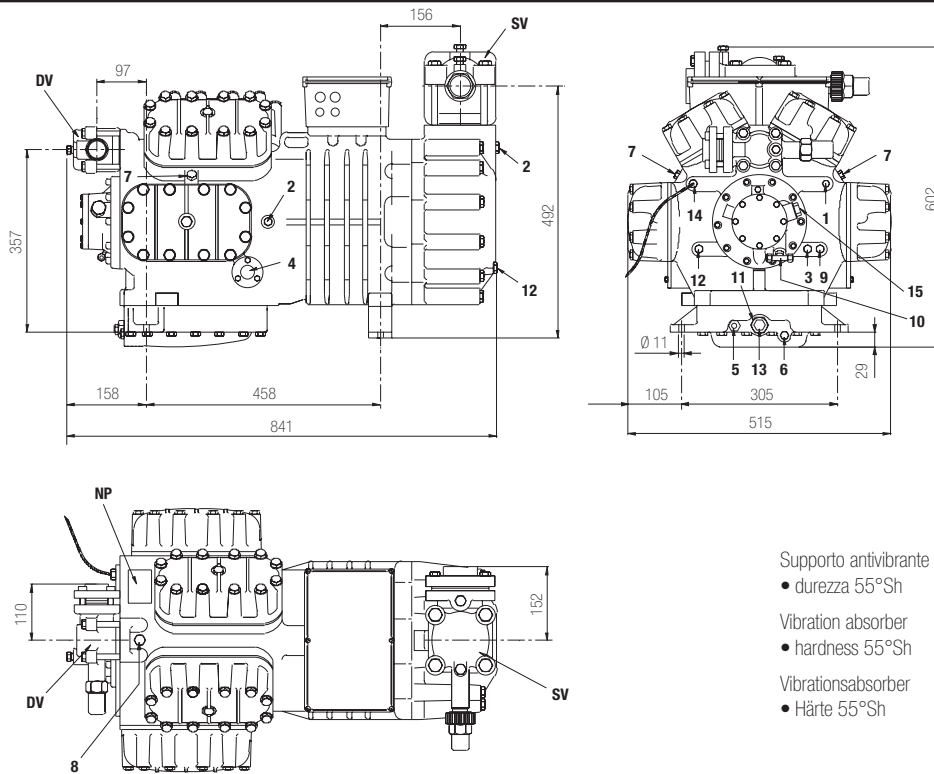


Dati tecnici	Technical data	Technische Daten	
Refrigerante	Refrigerant	Kältemittel	R407C
Capacità volumetrica 50 Hz	Displacement 50 Hz	Hubvolumen 50 Hz	m ³ /h 186.10
Potenza nominale	Nominal power	Elektromotor	kW (HP) 44.5 (60)
Numero di cilindri	Number of cylinders	Zylinder Nummer	8
Alesaggio	Bore	Bohrung	mm 78
Corsa	Stroke	Hub	mm 56
Lubrificante	Lubricant	Ölsorte	P.O.E.
Carica di lubrificante	Lubricant charge	Ölmenge	l 8.0
Peso netto	Net weight	Nettogewicht	kg 315
Peso lordo	Gross weight	Bruttogewicht	kg 341
Volume imballo	Packing volume	Verpackungsvolumen	dm ³ 450

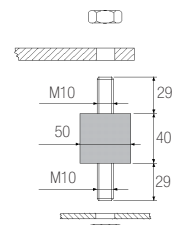
Dimensioni di ingombro

Dimensional drawing

Mass Zeichnung



Supporto antivibrante
• durezza 55°Sh
Vibration absorber
• hardness 55°Sh
Vibrationsabsorber
• Härte 55°Sh



1	attacco di alta pressione	high pressure connection	Hochdruckanschluss	1/8" NPT
2	attacco di bassa pressione	low pressure connection	Niederdruckanschluss	1/4" NPT
3	tappo di carico olio	oil charge plug	Ölfüllung Stopfen	3/8" GAS
4	spia livello olio	oil level sight glass	Ölschauglas	
5	sede resistenza carter	crankcase heater seat	Pos. für Ölsumpfheizung	
6	tappo scarico olio	oil drain plug	Ölablass Stopfen	1/4" GAS
7	attacco per valvola iniezione di liquido	liquid injection valve connection	Flüssigkeitseinspritzungsanschluss	1/8" NPT
8	attacco per sensore iniezione di liquido	liquid injection sensor connection	Sensoranschluss	1/8" NPT
9	attacco pressostato differenziale olio (b.p.)	oil pressure switch connection (l.p.)	Öldruckschalter Niederdruckanschluss	1/4" NPT
10	attacco pressostato differenziale olio (a.p.)	oil pressure switch connection (h.p.)	Öldruckschalter Hochdruckanschluss	1/4" SAE
11	filtro olio	oil filter	Ölfilter	
12	tappo ritorno olio	oil return plug	Ölrückführung Stopfen	1/8" NPT
13	tappo magnetico	magnetic plug	Magnetstopfen	
14	attacco sensore massima temp.compress.	max. discharge temperature sensor connection	Druckgasfühleranschluss	1/8" NPT
15	attacco pressostato olio elettronico	electronic oil pressure switch connection	Elektronische Öldruckschalteranschluss	M8x22 ISO4017
DV	rubinetto di compressione	discharge valve	Druckventil	1 5/8" 42.0 mm
NP	targhetta	name plate	Verdichtertypschild	
SV	rubinetto di aspirazione	suction valve	Saugventil	3 1/8" 79.4 mm

Condensazione Condensing temperature Verflüssigungs- temperatur °C	R407C								
	Temperatura di evaporazione °C			Evaporating temperature °C			Verdampfungstemperatur °C		
	12.5	10	5	0	-5	-10	-15	-20	
Capacità frigorifera W			Refrigerating capacity W			Kälteleistungsdaten W			
20				179070	145470	116680	92270	71800	54860
25			207030	169950	137850	110320	86930	67250	50860
30	258500	236180	195710	160420	129870	103660	81340	62510	46730
35	243560	222380	183980	150530	121600	96760	75580	57650	42530
40	228190	208170	171910	140370	113100	89680	69700	52730	38330
45	212450	193620	159560	129970	104420	82500	63760	47800	34180
50	196410	178790	146980	119410	95640	75260	57830	42940	30150
55	180130	163750	134250	108740	86810	68030	51970		
60	163660	148550	121410	98040	78000	60870			
62	157030	142440	116270	93760	74490	58040			
Potenza assorbita W			Input power W			Leistungsaufnahme W			
20				23605	23743	23226	22136	20557	18569
25			27028	27228	26737	25637	24011	21940	10507
30	30400	30829	31091	30626	29515	27842	25688	23136	20267
35	35288	35350	34910	33789	32069	29832	27160	24136	20841
40	39911	39609	38477	36710	34390	31598	28418	24931	21219
45	44258	43598	41784	39380	36469	33133	29454	25513	21394
50	48323	47309	44822	41791	38298	34427	30258	25874	21357
55	52096	50733	47582	43934	39870	35472	30823		
60	55569	53862	50057	45801	41174	36260			
62	56873	55029	50965	46468	41619	36502			
C.O.P.									
20				7.586	6.127	5.024	4.168	3.493	2.954
25			7.660	6.242	5.156	4.303	3.620	3.065	2.607
30	8.503	7.661	6.295	5.238	4.400	3.723	3.167	2.702	2.306
35	6.902	6.291	5.270	4.455	3.792	3.243	2.783	2.388	2.041
40	5.718	5.256	4.468	3.824	3.289	2.838	2.453	2.115	1.806
45	4.800	4.441	3.819	3.300	2.863	2.490	2.165	1.874	1.598
50	4.065	3.779	3.279	2.857	2.497	2.186	1.911	1.660	1.412
55	3.458	3.228	2.821	2.475	2.177	1.918	1.686		
60	2.945	2.758	2.425	2.141	1.894	1.679			
62	2.761	2.588	2.281	2.018	1.790	1.590			

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con raffreddamento delle teste

with head cooling

mit Zylinderkopfkühlung

Prestazioni calcolate alle seguenti condizioni:

- alimentazione 400/3/50
- senza sottoraffreddamento del liquido
- temperatura del gas aspirato 20°C

Performance are based on the following conditions:

- supply 400/3/50
- without liquid subcooling
- suction gas temperature 20°C

Die gezeigten Leistungsdaten basieren auf den folgenden

- Bedingungen:
- Netz 400/3/50
 - ohne Flüssigkeitsunterkühlung
 - Sauggastemperatur 20°C



I dati delle prestazioni dei compressori sono certificati secondo le norme ASERCOM. I compressori certificati sono elencati nel sito web ASERCOM -www.ASERCOM.org



Performance data of the compressor are certified according to the ASERCOM standards. All certified compressors are listed on the ASERCOM web site - www.ASERCOM.org



Leistungsdaten von Verdichtern sind nach dem ASERCOM Standard gekennzeichnet. Die ASERCOM gekennzeichneten Verdichtern sind in der Web-Site des ASERCOM gelistet - www.ASERCOM.org