АРИС

ПРОМЫШЛЕННАЯ И МОБИЛЬНАЯ ГИДРАВЛИКА

ALUMINUM ALLOY AIR COOLER



https://arisufa.ru/

PRODUCT OVERVIEW
产品总述

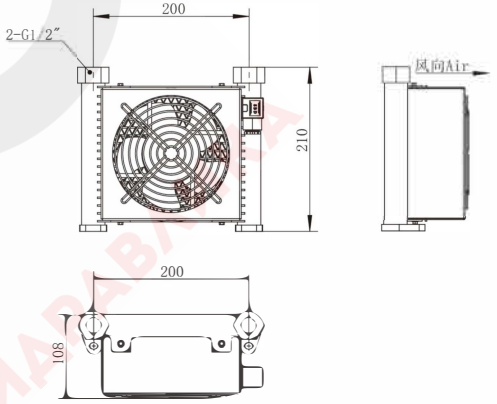
KY系列 — 更加耐用的风冷却器
(KY seies — More durable air cooler)

型号 (Model)	压力测试 (Mpa) (Pressure test)		换热面积(m2) (Heat exchange area)	可选风机类型 (Optional fan type)	产品尺寸 (mm) (Product size)	连接螺纹 (Connecting thread)	适用场合 (Applicable occasions)
	强度试验 (Strength test)	气密试验 (Air tightness test)		交流AC、直流DC (Communication AC)(direct DC)	长X宽X高 (Long * wide*high)		
AF0510	2.5	1.8	0.9	AC220、AC380、DC12、DC24	230×103×211	PT1/2"	
KY-40	2.8	1.8	0.8	AC220、AC380、DC12、DC24	270×115×190	G1/2"	
KY-60	2.8	1.8	1.1	AC220、AC380、DC12、DC24	320×115×205	G3/4"	
KY-60TL	2.8	1.8	2.2	AC220、AC380、DC12、DC24	410×126×210	G3/4"	
KY-100	2.8	1.8	4.0	AC220、AC380、DC12、DC24	430×140×360	G1"	
KY-100TL	2.8	1.8	8.0	AC220、AC380、DC12、DC24	605×153×335	G1"	泄油冷却 (oil drain coling)
KY-120	3.5	2.5	5.5	AC220、AC380、DC12、DC24	480×190×386	G1"	
KY-150	3.5	2.5	6.2	AC220、AC380、DC12、DC24	540×215×400	G1"	
KY-200	3.5	2.5	8.3	AC220、AC380、DC12、DC24	577×240×460	G1-1/4"	回油冷却 (return oil cooling)
KY-250	3.5	3.5	10.5	AC220、AC380、DC12、DC24	570×250×460	G1-1/4"	
KY-300	3.5	3.5	18	AC220、AC380、DC12、DC24	810×286×615	G1-1/2"	
KY-300T	3.5	2.5	24	AC220、AC380、DC12、DC24	615×300×790	G1-1/2"	
KY-400	3.5	2.5	31	AC220、AC380、DC12、DC24	750×300×930	G1-1/2"	
KY-450	3.5	2.5	33.2	AC220、AC380、DC12、DC24	900×275×685	G1-1/2"	
KY-600	3.5	2.5	48.2	AC220、AC380、DC12、DC24	925×250×1000	G2"	
KY-700	3.5	2.5	50	AC220、AC380、DC12、DC24	1030×250×1010	G2"	

AF0510

外形尺寸 DIMENSIONS



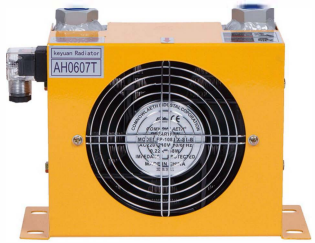


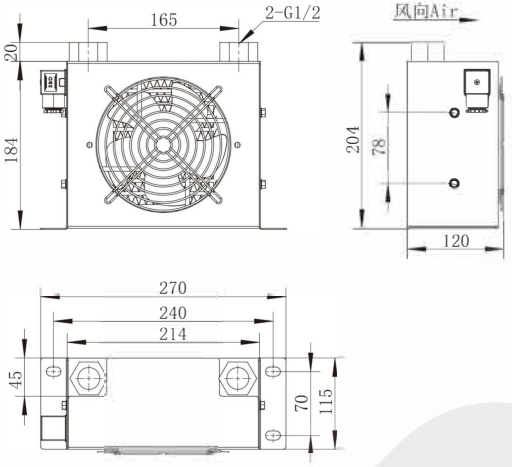
产品参数 PRODUCT PARAMETERS

通油能力 (Oil Passing Capacity)	最大通油量 (maximum oil flow)	建议通油量 (Recommendid oil flow)	适用场合 (Applicable occasions)		
	15L/min	≤ 10L/min	变量叶片泵的泄油冷却 (oil drain cooling of variable displacement vane pump)		
散热能力 (Cooling Capacity)	30.0W/°C	35.7W/°C	36.7W/°C	计算公式: $P_{当}=P_{散}/(T_{期望}-T_{环境})\times\eta$ 测试条件: 介质 ISO VG-46；环境湿度约55%；误差 ±5%	
风机规格 (Fan Specification)	电压 / 频率 (voltager/frequency)	AC220/50Hz	AC380/50Hz	DC12	DC24
	功率 (power)	36W	38W	25W	25W
	电流 (electric current)	0.23A	0.12A	2.0A	1.0A
试验压力 (Pressure Test)	强度试验 (strength test)	气密试验 (Air tightness test)	备注：风机默认为吸风，适用环境 -2°C～+55°C；如需其它规格风机，请联系我司 Remarks: the fan is suction by default, and the applicable environment is - 2 °C ~ + 55 °C; If you need fans of other specifications, please contact our company		
	2.5MPa	1.8MPa			

KY-40

外形尺寸 DIMENSIONS





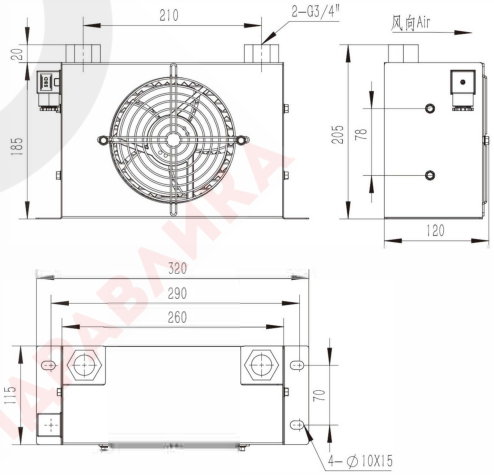
产品参数 PRODUCT PARAMETERS

通油能力 (Oil Passing Capacity)	系统压力 (systempressure)	10MPa	15MPa	20MPa	25MPa	适用场合 (Applicable occasions)
	KY-40	⩽ 40L/min	⩽ 30L/min	⩽ 20L/min	⩽ 10L/min	泄油冷却 回油冷却 (oil drain cooling)(Return oil cooling)
散热能力 (Cooling Capacity)	10L/min		30L/min	50L/min	计算公式: $P_{当}=P_{散}/(T_{期望}-T_{环境})\times\eta$ 测试条件: 介质 ISO VG-46；环境湿度约55%；误差 ±5%	
	34.4W/°C		33.8W/°C	33.8W/°C		
风机规格 (Fan Specification)	电压 / 频率 (voltager/frequency)	AC220/50Hz	AC380/50Hz	DC12	DC24	
	功率 (power)	36W	38W	25W	25W	
	电流 (electric current)	0.23A	0.12A	2.0A	1.0A	
试验压力 (Pressure Test)	强度试验 (strength test)	气密试验 (Air tightness test)	备注：风机默认为吸风，适用环境 -2°C～+55°C；如需其它规格风机，请联系我司 Remarks: the fan is suction by default, and the applicable environment is - 2 °C ~ + 55 °C; If you need fans of other specifications, pleasecontact our company			
	2.8MPa	1.8MPa				

KY-60

外形尺寸 DIMENSIONS





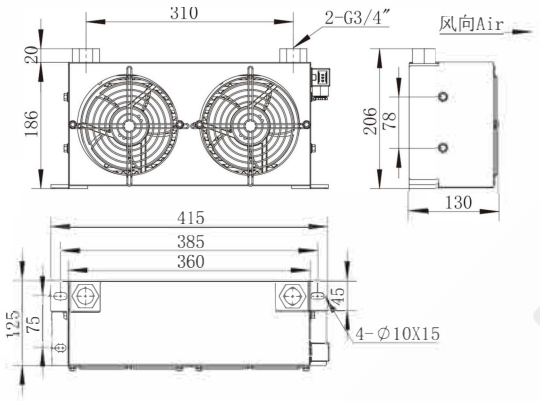
产品参数 PRODUCT PARAMETERS

通油能力 (Oil Passing Capacity)	系统压力 (systempressure)	10MPa	15MPa	20MPa	25MPa	适用场合 (Applicable occasions)
	KY-60	⩽ 60L/min	⩽ 35L/min	⩽ 25L/min	⩽ 15L/min	泄油冷却 回油冷却 (oil drain cooling)(Return oil cooling)
散热能力 (Cooling Capacity)	10L/min		30L/min	50L/min	计算公式: $P_{当}=P_{散}/(T_{期望}-T_{环境})\times\eta$ 测试条件: 介质 ISO VG-46；环境湿度约55%；误差 ±5%	
	43.0W/°C		42.8W/°C	42.8W/°C		
风机规格 (Fan Specification)	电压 / 频率 (voltager/frequency)	AC220/50Hz	AC380/50Hz	DC12	DC24	
	功率 (power)	36W	38W	25W	25W	
	电流 (electric current)	0.23A	0.12A	2.0A	1.0A	
试验压力 (Pressure Test)	强度试验 (strength test)	气密试验 (Air tightness test)	备注：风机默认为吸风，适用环境 -2°C～+55°C；如需其它规格风机，请联系我司 Remarks: the fan is suction by default, and the applicable environment is - 2 °C ~ + 55 °C; If you need fans of other specifications, pleasecontact our company			
	2.8MPa	1.8MPa				

KY-60TL

外形尺寸 DIMENSIONS





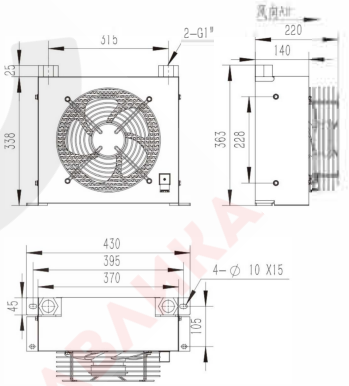
产品参数 PRODUCT PARAMETERS

通油能力 (Oil Passing Capacity)	系统压力 (systempressure)	10MPa	15MPa	20MPa	25MPa	适用场合 (Applicable occasions)
	KY-60TL	⩽ 60L/min	⩽ 35L/min	⩽ 25L/min	⩽ 15L/min	泄油冷却 回油冷却 (oil drain cooling)(Return oil cooling)
散热能力 (Cooling Capacity)	10L/min		30L/min	50L/min	计算公式: $P_{当}=P_{散}/(T_{期望}-T_{环境})\times\eta$ 测试条件: 介质 ISO VG-46; 环境湿度约55%; 误差 ±5%	
	73.7W/°C		75.4W/°C	76.0W/°C		
风机规格 (Fan Specification)	电压 / 频率 (voltager/frequency)	AC220/50Hz		AC380/50Hz	DC12	DC24
	功率 (power)	2×36W		2×38W	2×25W	2×25W
	电流 (electric current)	2×0.23A		2×0.12A	2×2.0A	2×1.0A
试验压力 (Pressure Test)	强度试验 (strength test)	气密试验 (Air tightness test)		备注：风机默认为吸风，适用环境 -2°C～ +55°C; 如需其它规格风机，请联系我司 Remarks: the fan is suction by default, and the applicable environment is - 2 °C ~ + 55 °C; If you need fans of other specifications, please contact our company		
	2.8MPa	1.8MPa				

KY-100

外形尺寸 DIMENSIONS

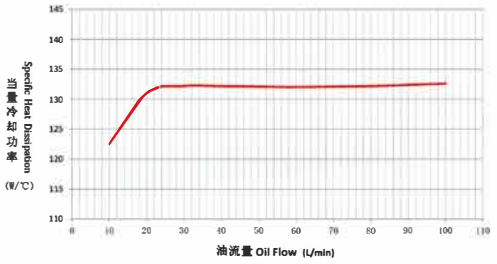


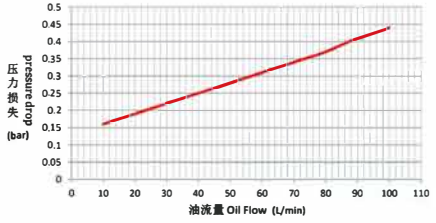


产品参数 PRODUCT PARAMETERS

通油能力 (Oil Passing Capacity)	系统压力 (systempressure)	10MPa	15MPa	20MPa	25MPa
	建议通油量 Recommended oil flow	⩽ 100L/min	⩽ 70L/min	⩽ 50L/min	⩽ 35L/min
散热能力 (Cooling Capacity)	计算公式	当量冷却功率=散热功率/（期望油温-环境最高温）×安全系数			
	性能曲线的测试条件	风机AC380/50Hz; 介质ISO VG-46; 环境湿度约55%；误差±5%			
风机规格 (Fan Specification)	电压 / 频率 (voltager/frequency)	AC220/50Hz	AC380/50Hz	DC12	DC24
	功率/电流 (power/electric current)	68W/0.5A	68W/0.24A	⩽10.0A	⩽6.0A
	防护等级 (Degree of protection)	IP44	IP44	IP56	IP56
	噪音dB(A)(1m) (noise)	55	55	55	55
试验压力 (Pressure Test)	强度试验 (strength test)	气密试验 (Air tightness test)	备注：风机默认为吸风，适用环境 -20°C～ +75°C；如需特殊规格，液压马达、防爆风机或温控，请联系我司。 Note: the applicable environment of suction fan is + 75 °C ~ - 20 °C; if need For special specifications, hydraulic motor, explosion-proof fan or temperature control, please contact our company.		
	2.8MPa	1.8MPa			

性能曲线 PERFORMANCE CURVE

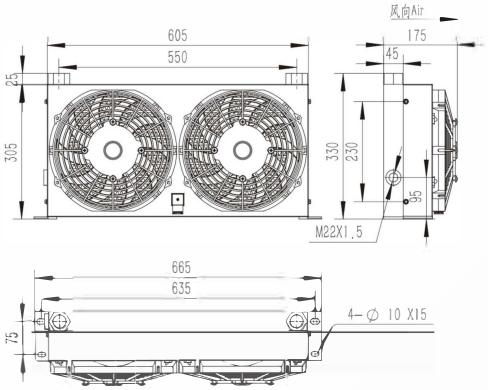




KY-100TL

外形尺寸 DIMENSIONS

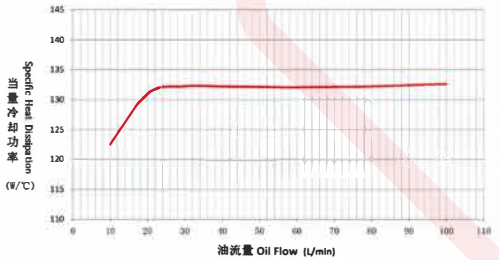


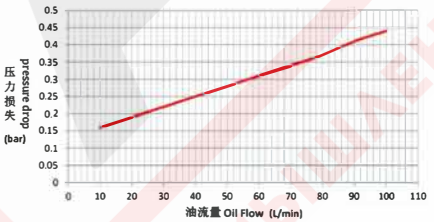


产品参数 PRODUCT PARAMETERS

通油能力 (Oil Passing Capacity)	系统压力 (systempressure)	10MPa	15MPa	20MPa	25MPa
	建议通油量 Recomrnended oil flow	⩽ 100L/min	⩽ 70L/min	⩽ 50L/min	⩽ 35L/min
散热能力 (Cooling Capacity)	计算公式	当量冷却功率=散热功率/（期望油温-环境最高温）×安全系数			
	性能曲线的测试条件	风机AC380/50Hz; 介质ISO VG-46; 环境湿度约55%；误差±5%			
风机规格 (Fan Specification)	电压 / 频率 (voltager/frequency)	AC220/50Hz	AC380/50Hz	DC12	DC24
	功率/电流 (power/electric current)	136W/1A	136W/0.48A	⩽10.0A	⩽6.0A
	防护等级 (Degree of protection)	IP44	IP44	IP56	IP56
	噪音dB(A)(1m) (noise)	55	55	55	55
试验压力 (Pressure Test)	强度试验 (strength test)	气密试验 (Air tightness test)	备注：风机默认为吸风，适用环境-20°C～+75°C；如需特殊规格，液压马达、防爆风机或温控，请联系我司。 Note: the applicable environment of suction fan is + 75 °C ~ - 20 °C; if need For special specifications, hydraulic motor, explosion-proof fan or temperature control, please contact our company.			
	2.8MPa	1.8MPa			

性能曲线 PERFORMANCE CURVE

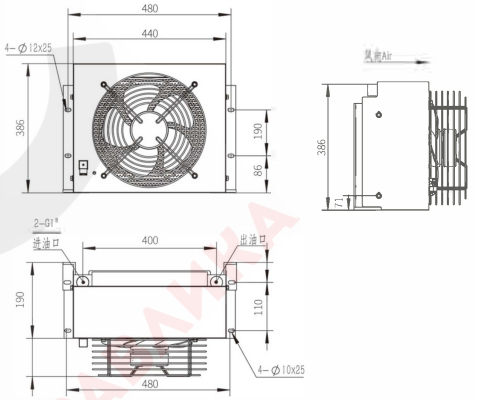




KY-120

外形尺寸 DIMENSIONS

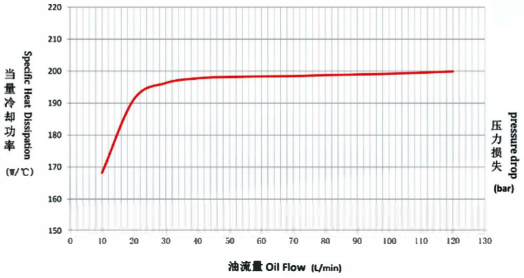


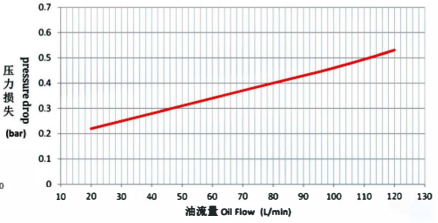


产品参数 PRODUCT PARAMETERS

通油能力 (Oil Passing Capacity)	系统压力 (systempressure)	10MPa	15MPa	20MPa	25MPa
	建议通油量 Recommended oil flow	⩽ 90L/min	⩽ 70L/min	⩽ 50L/min	⩽ 40L/min
散热能力 (Cooling Capacity)	计算公式	当量冷却功率=散热功率/（期望油温-环境最高温）×安全系数			
	性能曲线的测试条件	风机AC380/50Hz; 介质ISO VG-46; 环境湿度约55%；误差±5%			
风机规格 (Fan Specification)	电压 / 频率 (voltager/frequency)	AC220/50Hz	AC380/50Hz	DC12	DC24
	功率/电流 (power)(electric current)	168W/0.73A	169W/0.32A	⩽16.0A	⩽8.0A
	防护等级 (Degree of protection)	IP44	IP44	IP56	IP56
	噪音dB(A)(1m) (noise)	70	70	72	72
试验压力 (Pressure Test)	强度试验 (strength test)	气密试验 (Air tightness test)	备注：风机默认为吸风，适用环境-20°C～+75°C；如需特殊规格，液压马达、防爆风机或温控，请联系我司。 Note: the applicable environment of suction fan is + 75 °C ~ - 20 °C; if need For special specifications, hydraulic motor, explosion-proof fan or temperature control, please contact our company.			
	3.5MPa	2.5MPa			

性能曲线 PERFORMANCE CURVE

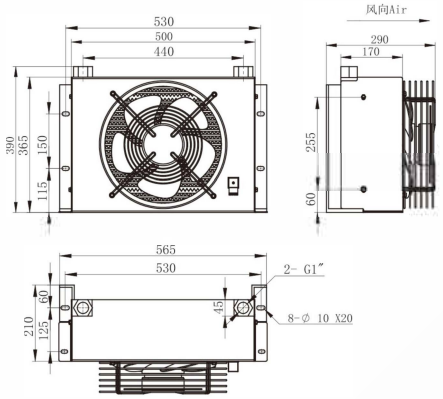




KY-150

外形尺寸 DIMENSIONS

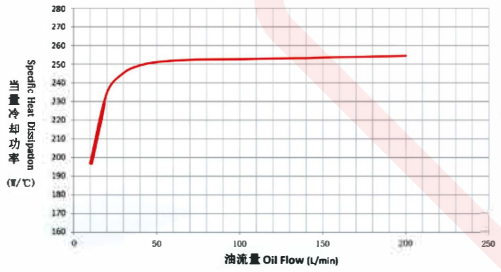


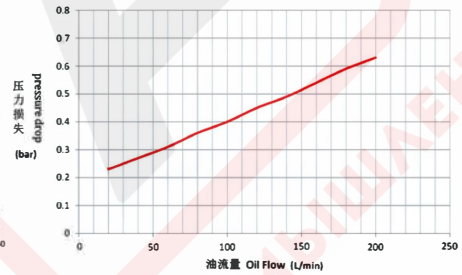


产品参数 PRODUCT PARAMETERS

通油能力 (Oil Passing Capacity)	系统压力 (systempressure)	10MPa	15MPa	20MPa	25MPa
	建议通油量 Recommendedoil flow	⩽ 150L/min	⩽ 110L/min	⩽ 80L/min	⩽ 50L/min
散热能力 (Cooling Capacity)	计算公式	当量冷却功率=散热功率/（期望油温-环境最高温）×安全系数			
	性能曲线的测试条件	风机AC380/50Hz; 介质ISO VG-46; 环境湿度约55%；误差±5%			
风机规格 (Fan Specification)	电压 / 频率 (voltager/frequency)	AC220/50Hz	AC380/50Hz	DC12	DC24
	功率/电流 (power)(electric current)	95W/0.67A	95W/0.38A	⩽16.0A	⩽8.5A
	防护等级 (Degree of protection)	IP54	IP54	IP56	IP56
	噪音dB(A)(1m) (noise)	56	56	60	60
试验压力 (Pressure Test)	强度试验 (strength test)	气密试验 (Air tightness test)	备注：风机默认为吸风，适用环境-20°C～+75°C；如需特殊规格，液压马达、防爆风机或温控，请联系我司。 Note: the applicable environment of suction fan is + 75 °C ~ - 20 °C; if need For special specifications, hydraulic motor, explosion-proof fan or temperature control, please contact our company.			
	3.5MPa	2.5MPa			

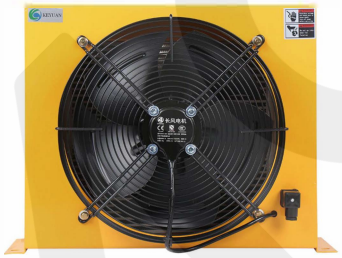
性能曲线 PERFORMANCE CURVE

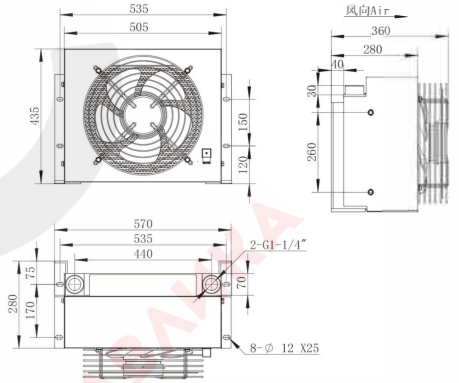




KY-200

外形尺寸 DIMENSIONS

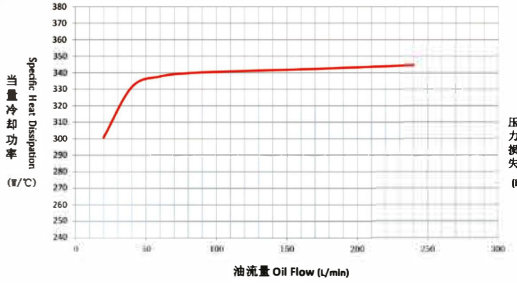


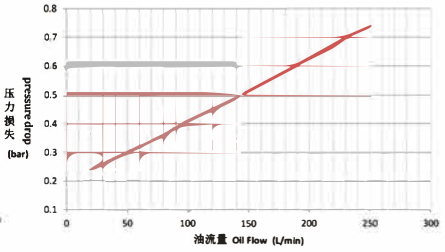


产品参数 PRODUCT PARAMETERS

通油能力 (Oil Passing Capacity)	系统压力 (systempressure)	10MPa	15MPa	20MPa	25MPa
	建议通油量 Recommended oil flow	⩽ 200L/min	⩽ 140L/min	⩽ 120L/min	⩽ 70L/min
散热能力 (Cooling Capacity)	计算公式	当量冷却功率=散热功率/（期望油温-环境最高温）×安全系数			
	性能曲线的测试条件	风机AC380/50Hz; 介质ISO VG-46; 环境湿度约55%；误差±5%			
风机规格 (Fan Specification)	电压 / 频率 (voltager/frequency)	AC220/50Hz	AC380/50Hz	DC12	DC24
	功率/电流 (power)(electric current)	120W/1.0A	135W/0.46A	⩽16.0A	⩽8.5A
	防护等级 (Degree of protection)	IP54	IP54	IP56	IP56
	噪音dB(A)(1m) (noise)	64	64	68	68
试验压力 (Pressure Test)	强度试验 (strength test)	气密试验 (Air tightness test)	备注：风机默认为吸风，适用环境-20°C～+75°C；如需特殊规格，液压马达、防爆风机或温控，请联系我司。 Note: the applicable environment of suction fan is + 75 °C ~ - 20 °C; if need For special specifications, hydraulic motor, explosion-proof fan or temperature control, please contact our company.			
	3.5MPa	2.5MPa			

性能曲线 PERFORMANCE CURVE

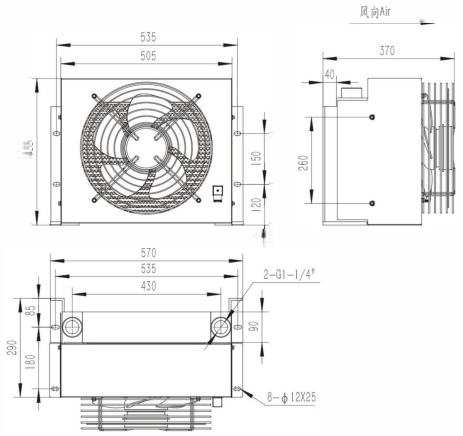




KY-250

外形尺寸 DIMENSIONS

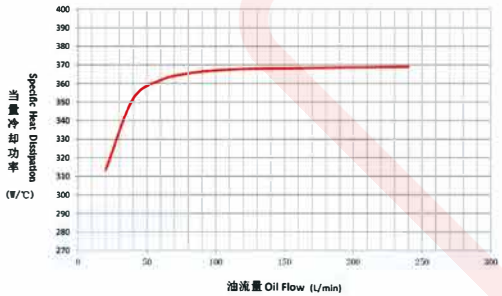


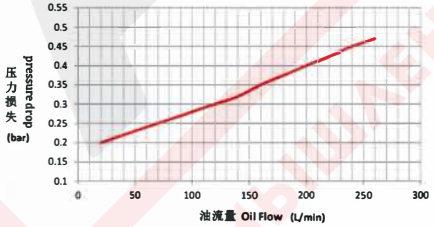


产品参数 PRODUCT PARAMETERS

通油能力 (Oil Passing Capacity)	系统压力 (systempressure)	10MPa	15MPa	20MPa	25MPa
	建议通油量 Recommended oil flow	⩽ 250L/min	⩽ 200L/min	⩽ 140L/min	⩽ 90L/min
散热能力 (Cooling Capacity)	计算公式	当量冷却功率=散热功率/（期望油温-环境最高温）×安全系数			
	性能曲线的测试条件	风机AC380/50Hz; 介质ISO VG-46; 环境湿度约55%；误差±5%			
风机规格 (Fan Specification)	电压 / 频率 (voltager/frequency)	AC220/50Hz	AC380/50Hz	DC12	DC24
	功率/电流 (power)(electric current)	125W/1.0A	135W/0.46A	⩽16.0A	⩽8.5A
	防护等级 (Degree of protection)	IP54	IP54	IP56	IP56
	噪音dB(A)(1m) (noise)	64	64	68	68
试验压力 (Pressure Test)	强度试验 (strength test)	气密试验 (Air tightness test)	备注：风机默认为吸风，适用环境-20°C～+75°C；如需特殊规格，液压马达、防爆风机或温控，请联系我司。Note: the applicable environment of suction fan is + 75 °C ~ - 20 °C; if need For special specifications, hydraulic motor, explosion-proof fan or temperature control, please contact our company.			
	3.5MPa	3.5MPa			

性能曲线 PERFORMANCE CURVE

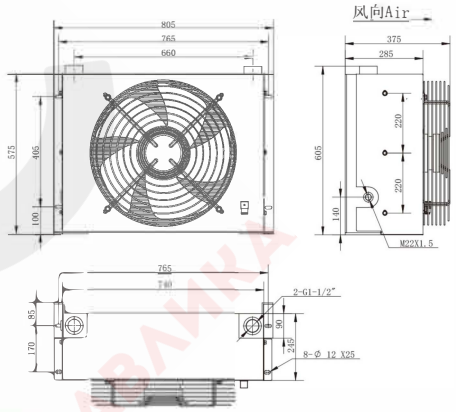




KY-300

外形尺寸 DIMENSIONS

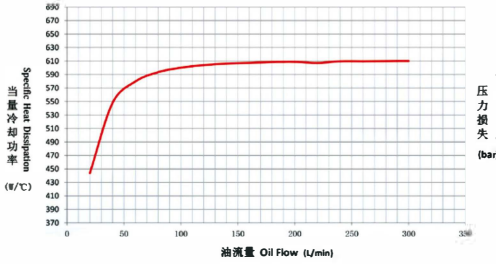


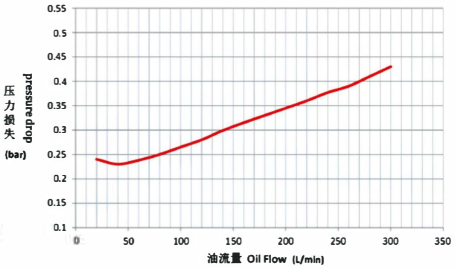


产品参数 PRODUCT PARAMETERS

通油能力 (Oil Passing Capacity)	系统压力 (systempressure)	10MPa	15MPa	20MPa	25MPa
	建议通油量 Recommended oil flow	⩽300L/min	⩽260L/min	⩽180L/min	⩽120L/min
散热能力 (Cooling Capacity)	计算公式	当量冷却功率 = 散热功率/（期望油温-环境最高温）×安全系数			
	性能曲线的测试条件	风机AC380/50Hz; 介质ISO VG-46; 环境湿度约55%；误差±5%			
风机规格 (Fan Specification)	电压 / 频率 (voltager/frequency)	AC220/50Hz	AC380/50Hz	DC12	DC24
	功率/电流 (power)(electric current)	450W/2.7A	500W/1.1A	⩽16.0A×2	⩽8.0A×2
	防护等级 (Degree of protection)	IP54	IP54	IP56	IP56
	噪音dB(A)(1m) (noise)	72	72	72	72
试验压力 (Pressure Test)	强度试验 (strength test)	气密试验 (Air tightness test)	备注：风机默认为吸风，适用环境-20°C～+75°C；如需特殊规格，液压马达、防爆风机或温控，请联系我司。Note: the applicable environment of suction fan is + 75 °C ~ - 20 °C; if need For special specifications, hydraulic motor, explosion-proof fan or temperature control, please contact our company.			
	3.5MPa	3.5MPa			

性能曲线 PERFORMANCE CURVE

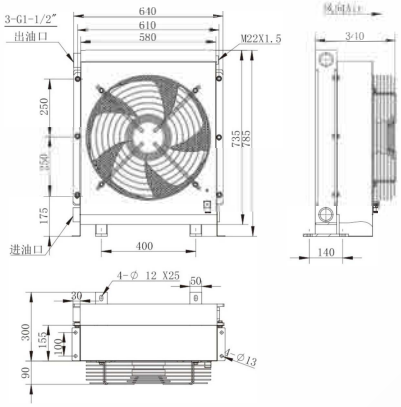




KY-300T

外形尺寸 DIMENSIONS

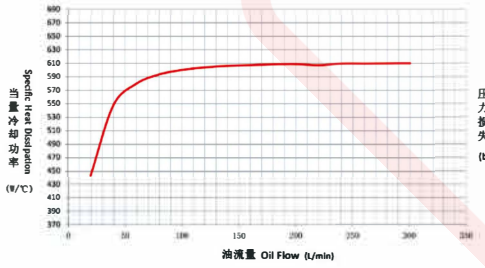


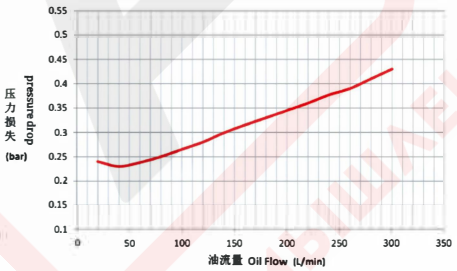


产品参数 PRODUCT PARAMETERS

通油能力 (Oil Passing Capacity)	系统压力 (systempressure)	10MPa	15MPa	20MPa	25MPa
	建议通油量 Recommended oil flow	⩽ 300L/min	⩽ 260L/min	⩽ 180L/min	⩽ 120L/min
散热能力 (Cooling Capacity)	计算公式	当量冷却功率=散热功率/（期望油温-环境最高温）×安全系数			
	性能曲线的测试条件	风机AC380/50Hz; 介质ISO VG-46; 环境湿度约55%；误差±5%			
风机规格 (Fan Specification)	电压 / 频率 (voltager/frequency)	AC220/50Hz	AC380/50Hz	DC12	DC24
	功率/电流 (power)(electric current)	450W/2.7A	400W/1.1A	⩽16.0A×2	⩽8.0A×2
	防护等级 (Degree of protection)	IP54	IP54	IP56	IP56
	噪音dB(A)(1m) (noise)	72	72	68	68
试验压力 (Pressure Test)	强度试验 (strength test)	气密试验 (Air tightness test)	备注：风机默认为吸风，适用环境-20°C～+75°C；如需特殊规格，液压马达、防爆风机或温控，请联系我司。 Note: the applicable environment of suction fan is + 75 °C ~ - 20 °C; if need For special specifications, hydraulic motor, explosion-proof fan or temperature control, please contact our company.			
	3.5MPa	2.5MPa			

性能曲线 PERFORMANCE CURVE

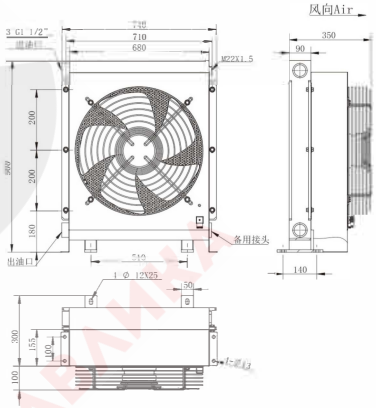




KY-400

外形尺寸 DIMENSIONS

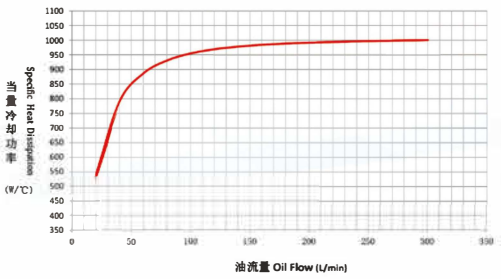


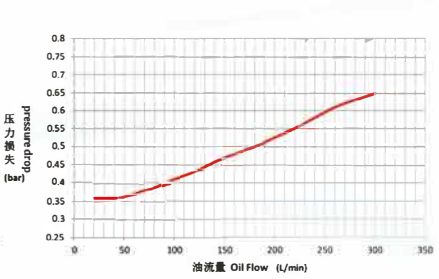


产品参数 PRODUCT PARAMETERS

通油能力 (Oil Passing Capacity)	系统压力 (systempressure)	10MPa	15MPa	20MPa	25MPa
	建议通油量 Recommended oil flow	⩽ 380L/min	⩽ 290L/min	⩽ 200L/min	⩽ 130L/min
散热能力 (Cooling Capacity)	计算公式	当量冷却功率=散热功率/（期望油温-环境最高温）×安全系数			
	性能曲线的测试条件	风机AC380/50Hz; 介质ISO VG-46; 环境湿度约55%；误差±5%			
风机规格 (Fan Specification)	电压 / 频率 (voltager/frequency)	AC220/50Hz	AC380/50Hz	DC12	DC24
	功率/电流 (power)(electric current)	700W/3.55A	800W/1.56A	⩽16.0A×2	⩽8.0A×2
	防护等级 (Degree of protection)	IP54	IP54	IP56	IP56
	噪音dB(A)(1m) (noise)	75	75	72	72
试验压力 (Pressure Test)	强度试验 (strength test)	气密试验 (Air tightness test)	备注：风机默认为吸风，适用环境-20°C～+75°C；如需特殊规格，液压马达、防爆风机或温控，请联系我司。 Note: the applicable environment of suction fan is + 75 °C ~ - 20 °C; if need For special specifications, hydraulic motor, explosion-proof fan or temperature control, please contact our company.			
	3.5MPa	2.5MPa			

性能曲线 PERFORMANCE CURVE

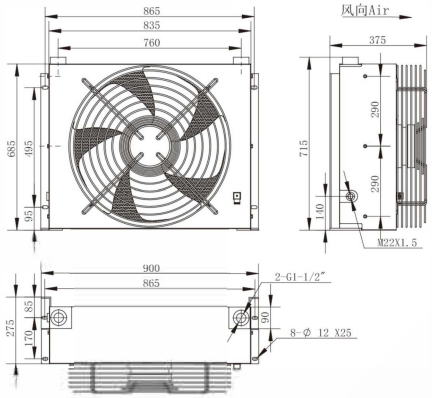




KY-450

外形尺寸 DIMENSIONS

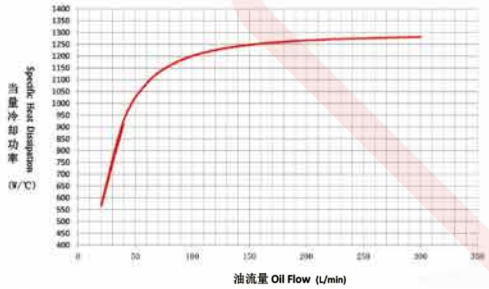


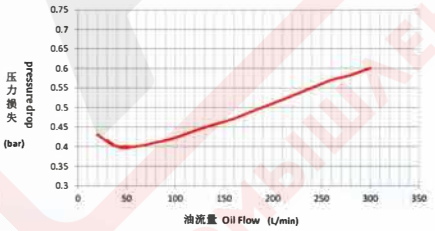


产品参数 PRODUCT PARAMETERS

通油能力 (Oil Passing Capacity)	系统压力 (systempressure)	10MPa	15MPa	20MPa	25MPa	
	建议通油量 Recommendedoilflow	⩽ 420L/min	⩽ 320L/min	⩽ 220L/min	⩽ 150L/min	
散热能力 (Cooling Capacity)	计算公式	当量冷却功率=散热功率/（期望油温-环境最高温）×安全系数				
	性能曲线的测试条件	风机AC380/50Hz; 介质ISO VG-46; 环境湿度约55%；误差±5%				
风机规格 (Fan Specification)	风机类型 (Fan type)	外转子风机 (External rotor fan)		直流风机 (DC fan)	直流风机 (DC fan)	液压马达 (Hydraulic motor)
	电压 / 频率 (voltager/frequency)	AC220/50Hz	AC380/50Hz	DC12	DC24	8、10、12、16 20、25、32ml/r
	功率/电流 (power)(electric current)	700W/3.86A	800W/1.65A	⩽8.0A×4	⩽8.0A×4	
	防护等级 (Degree of protection)	IP54	IP54	IP56	IP56	
	噪音dB(A)(1m) (noise)	75	75	74	74	
试验压力 (Pressure Test)	强度试验 (strength test)	气密试验 (Air tightness test)	注意:风机默认为吸风，适用环境-20C～+75℃;如需特殊规格、防爆风机或温控，请联系我司。 Note: the fan is suction by default, and the applicable environment is - 20C ~ + 75 °C; If you need special specifications, explosion-proof fan or temperature control, please contact our company.			
	3.5MPa	2.5MPa				

性能曲线 PERFORMANCE CURVE

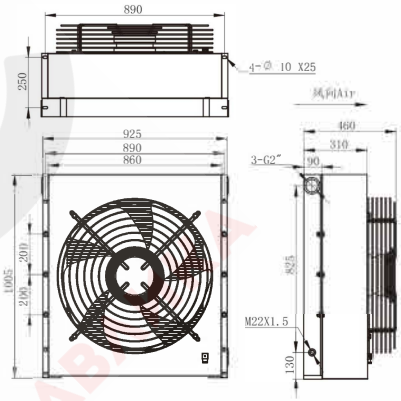




KY-600

外形尺寸 DIMENSIONS

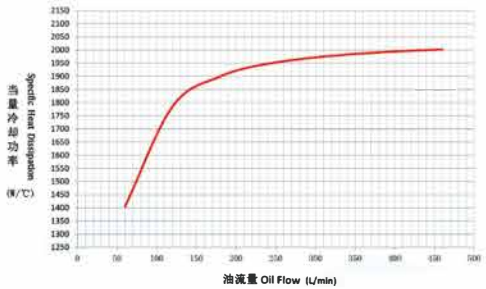


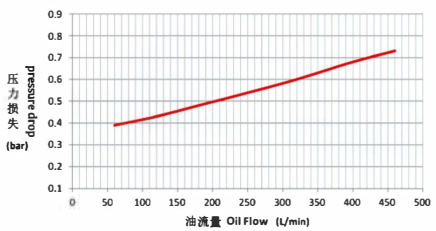


产品参数 PRODUCT PARAMETERS

通油能力 (Oil Passing Capacity)	系统压力 (systempressure)	10MPa	15MPa	20MPa	25MPa	
	建议通油量 Recommendedoilflow	⩽ 550L/min	⩽ 320L/min	⩽ 220L/min	⩽ 180L/min	
散热能力 (Cooling Capacity)	计算公式	当量冷却功率=散热功率/（期望油温-环境最高温）×安全系数				
	性能曲线的测试条件	风机AC380/50Hz; 介质ISO VG-46; 环境湿度约55%；误差±5%				
风机规格 (Fan Specification)	风机类型 (Fan type)	外转子风机 (External rotor fan)	轴流风机 (Axial flow fan)	直流风机 (DC fan)	直流风机 (DC fan)	液压马达 (Hydraulic motor)
	电压 / 频率 (voltager/frequency)	AC380/50Hz	AC380/50Hz	DC12	DC24	8、10、12、16 20、25、32ml/r
	功率/电流 (power)(electric current)	750W/3.6A	800W/7.0A	⩽8.0A×4	⩽8.5A×4	
	防护等级 (Degree of protection)	IP54	IP54	IP56	IP56	
	噪音dB(A)(1m) (noise)	75	75	75	75	
试验压力 (Pressure Test)	强度试验 (strength test)	气密试验 (Air tightness test)	注意:风机默认为吸风，适用环境-20C～+75℃;如需特殊规格、防爆风机或温控，请联系我司。 Note: the fan is suction by default, and the applicable environment is - 20C ~ + 75 °C; If you need special specifications, explosion-proof fan or temperature control, please contact our company.			
	3.5MPa	2.5MPa				

性能曲线 PERFORMANCE CURVE

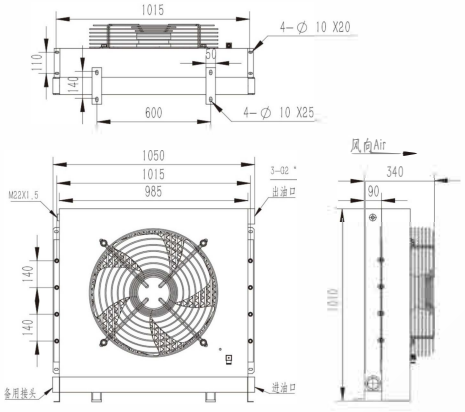




KY-700

外形尺寸 DIMENSIONS

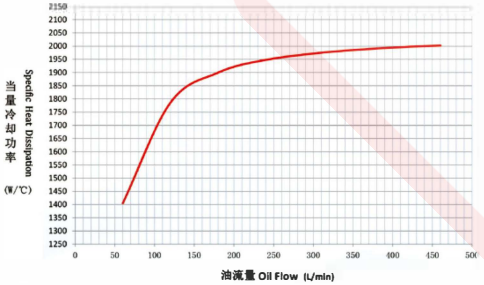


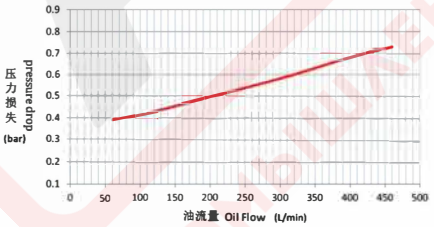


产品参数 PRODUCT PARAMETERS

通油能力 (Oil Passing Capacity)	系统压力 (systempressure)	10MPa	15MPa	20MPa	25MPa	
	建议通油量 Recommended oil flow	⩽ 650L/min	⩽ 450L/min	⩽ 300L/min	⩽ 240L/min	
散热能力 (Cooling Capacity)	计算公式	当量冷却功率=散热功率/（期望油温-环境最高温）×安全系数				
	性能曲线的测试条件	风机AC380/50Hz; 介质ISO VG-46; 环境湿度约55%；误差±5%				
风机规格 (Fan Specification)	风机类型 (Fan type)	外转子风机 (External rotor fan)	轴流风机 (Axial flow fan)	直流风机 (DC fan)	直流风机 (DC fan)	液压马达 (Hydraulic motor)
	电压 / 频率 (voltager/frequency)	AC380/50Hz	AC380/50Hz	DC12	DC24	
	功率/电流 (power)(electric current)	750W/3.6A	800W/7.0A	⩽8.0A×4	⩽8.5A×4	8、10、12、16 20、25、32ml/r
	防护等级 (Degree of protection)	IP54	IP54	IP56	IP56	
	噪音dB(A)(1m) (noise)	75	75	75	75	
试验压力 (Pressure Test)	强度试验 (strength test)	气密试验 (Air tightness test)	注意:风机默认为吸风，适用环境-20C～+75°C;如需特殊规格、防爆风机或温控，请联系我司。 Note: the fan is suction by default, and the applicable environment is - 20C ~ + 75 °C; If you need special specifications, explosion-proof fan or temperature control, please contact our company.			
	3.5MPa	2.5MPa				

性能曲线 PERFORMANCE CURVE





产品应用与特点 Product application and features



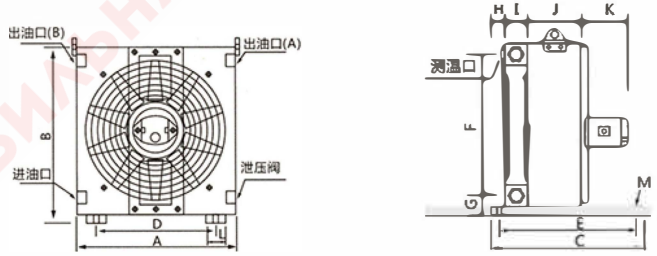
应用领域 Application Fields

该冷却器专门应用于工程机械，要求高性能、高效率、外型尺寸最小化以便于安装。典型的应用包括:起重机、混凝土搅拌机、泵车、摊铺机和传动装置的油冷却。
The cooler is specially used in construction machinery, which requires high performance, high efficiency and minimum overall size for easy installation. Typical applications include oil cooling for cranes, concrete mixers, pump trucks, pavers and drives.

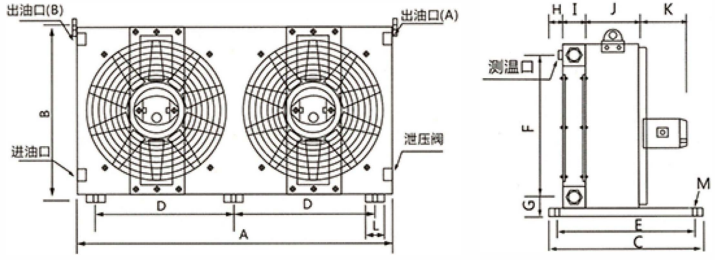
产品特点product feature

该冷却器使用高性能的散热片和液压马达，使其在复杂的工程机械应用中可以长时间无障碍操作。紧凑的设计使冷却器可适应大多数设备，在散热方面表现出高致冷性，而占用的空间很小。
The cooler uses high-performance heat sink and hydraulic motor, so that it canbe used for a long time in complex engineering machinery applications Barrier free operation between. The compact design makes the cooler suitable for most equipment and showshigh refrigeration in terms of heat dissipation Sex, and the space occupied is very small.

外形尺寸图 Outline drawing



DXH-3~DXH-11



DXH-12~DXH-15

产品应用与特点 Product application and features



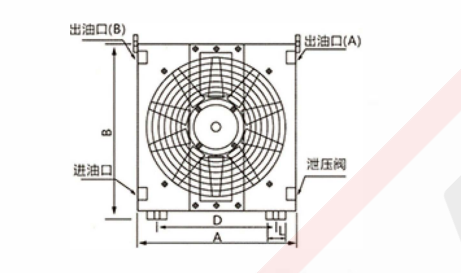
应用领域 Application Fields

高性能冷却器带轴向风扇，适用于液压冷却，可用于回油和旁路两种方式。
典型应用:工业动力站、润滑系统（如齿轮箱)和机床。
High performance cooler with axial fan is suitable for hydraulic cooling and can be used in oil return and bypass.
Typical applications: industrial power station, lubrication system (such as gearbox) and machine tool.

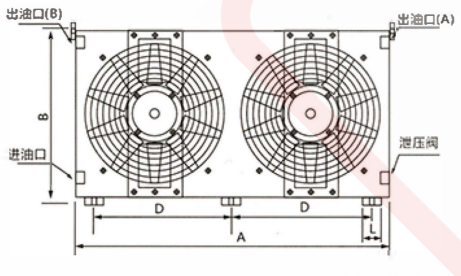
产品特点product feature

EL型冷却器采用高性能的轴向风扇和强有力的散热片，以获取最佳性能。
可提供中速或高速的风扇型式，其模块式设计使其在需要时可增加供油泵和过滤器。
El cooler adopts high-performance axial fan and powerful heat sink to obtain the best performance.It can provide medium speed or high-speed fan type, and its modular design enables it to add oil supply pump and filter when needed.

外形尺寸图 Outline drawing



DXB-3~DXB-11



DXB-12~DXB-15

产品应用与特点 Product application and features



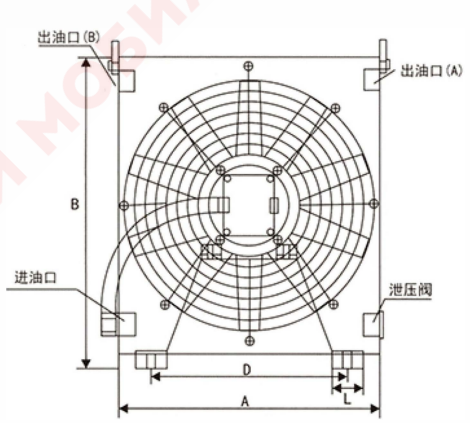
应用领域 Application Fields

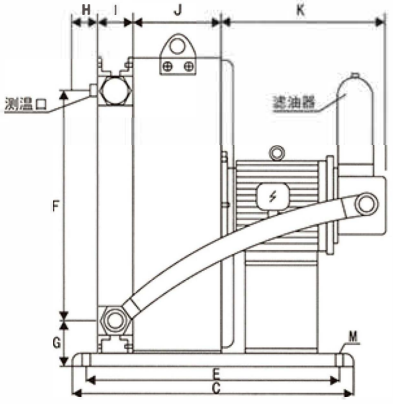
低噪音系列油/风冷却器具有独特的垂直抽排气流方式，适用于各种小型及中型的液压系统。可用于回油及旁路冷却形式。典型应用:起重机械，润滑系统（如齿轮箱)和机床。
Low noise series oil/air cooler has a unique vertical exhaust flow mode, which is suitable for all kinds of small and medium-sized oil / air coolers Hydraulic system. It can be used for oil return and bypass cooling. Typical applications: hoisting machinery, lubrication system (such as gear) Box) and machine tool.

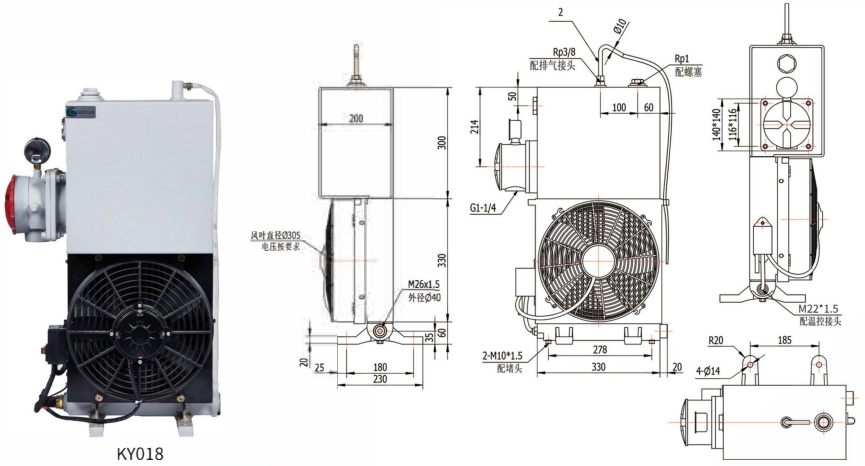
产品特点product feature

旁路冷却系统的优点是包括稳定的冷却(和过滤)，性能不受流量变化及主液压回路的影响。这样使得冷却器规格只需适合热负载，而不必满足主回路最大回油流量。
另外一个优点是旁路冷却器完全不受压力冲击影响，因为压力冲击可能损坏冷却器。
The advantage of bypass cooling system is that it includes stable cooling (and filtration), and its performance is not affected by flow change and main hydraulic circuit The impact of. In this way, the specification of the cooler only needs to be suitable for the thermal load without meeting the maximum return oil flow of the main circuit. Another advantage is that the bypass cooler is completely unaffected by pressure shock, which may damage the cooler.

外形尺寸图 Outline drawing

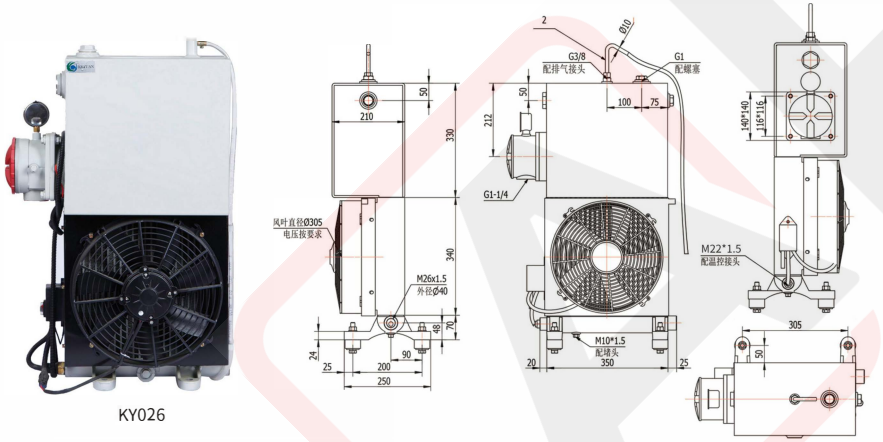






KY018

型号 Model	油箱容积 Tank volume	风叶直径 Blade diameter	风机电压 Fan voltage	冷却器 cooler	风机 Fan	过滤器 Filter	温控开关 Thermal switch	开关温度值 Switch temperature value 上限 upper limit +3-2°C	开关温度值 下限 lower limit +3-2°C	最高允许温度 Maximum allowable temperature 持续 continued	最高允许温度 瞬间 moment	SW (mm)	G
KY018	18L	305mm	24V/12V	1	1	1	1	55	50	65	85	22	M22×1.5



KY026

型号 Model	油箱容积 Tank volume	风叶直径 Blade diameter	风机电压 Fan voltage	冷却器 cooler	风机 Fan	过滤器 Filter	温控开关 Thermal switch	开关温度值 Switch temperature value 上限 upper limit +3-2°C	开关温度值 下限 lower limit +3-2°C	最高允许温度 Maximum allowable temperature 持续 continued	最高允许温度 瞬间 moment	SW (mm)	G
KY026	26L	305mm	24V/12V	1	1	1	1	55	50	65	85	22	M22×1.5

一、简介

我公司生产的混凝土搅拌车用油冷却器总成系列产品,在多年的实践使用中,性能良好,受到客户的一致好评。该总成集冷却器、油箱、风扇、导风罩风扇罩防护网、温度开关、过滤器于一体,油箱与散热器做成一体,过滤器通过法兰连接在油箱上。供选用的型号请参见第一页上的表格。

二、安装位置及连接方式

冷却器在车的安装位置,建议放在通风流畅的地方,保证冷却风的流入流出不受任何阻碍,避免经过冷却器后的热风重新流入冷却器。

冷却器由两个下支脚与车架相连,安装过程中需使用防震块,以减少车辆行驶途中的振动冲击,从而延长冷却器的使用寿命。

三、油箱

油箱顶部设有加油口和压力平衡口侧面装有油位表。在初次使用时,加油应加到油标中线位置上,加油过程中应尽量排清系统中的空气,每次加油后应将加油螺塞盖紧。

四、电气连接

冷却器所使用的电机为直流电机其使用寿命为3000工作小时由于直流电机不适合于长期连续运转,为此,在使用过程中一定要与温度开关和接触器一起使用。

五、温度开关

温度开关的作用是通过温度开关的“开/关”动作,保证风扇间歇地工作,该温度开关供货时已经提供,我公司可提供两种不同型号的温度开关。

温度开关的工作过程如下:在油温上升过程中,当油温升高到开关温度值上限时,温度开关接通,风扇开始运转，热量通过冷却风迅速带走,从而油温迅速下降:在油温下降过程中,当油温下降到开关温度值下限时,温度开关断开风扇停止运转。

温度开关出厂时并未装在冷却器上使用时将温度开关装在下封头端面的M22×1.5螺纹孔内,该螺纹孔在出厂时由一闷头堵塞,将其旋出,然后将温度开关连同密封圈旋入,拧紧。

注意:温度开关旋入冷却器时,扭力最大不得超过20Nm,过大的扭力会损坏温度开关,造成根部开裂,由此产生的损坏不属于保修范围。为避免温度开关因工作而"过热”,须使用一继电器,以保护温度开关,开关的使用参考电器原理图

六、过滤器

过滤器通过法兰与冷却器连接,该过滤器为吸油过滤器,安装完毕后,整个过滤器浸在油中,仅端盖露在油箱外,通过端盖可更换滤芯,在更换滤芯时,过滤器会自动将油路切断,因此,在更换滤芯时,不必将系统中的油排空,过滤器装有真空表,用于显示液压油的污染程度。

1、Introduction

The oil cooler assembly series products for concrete mixer produced by our company have good performance and have been highly praised by customers after years of practical use. The assembly integrates cooler, oil tank, fan, air guide cover, fan cover protective net, temperature switch and filter. The oil tank is integrated with the radiator, and the filter is connected to the oil tank through flange. Please refer to the table on page 1 for optional models.

2、Installation position and connection mode

It is recommended that the cooler should be installed in a place where the hot air does not flow into the cooler, so as to prevent it from flowing into the cooler smoothly.

The cooler is connected with the frame by two lower feet. During the installation process, shockproof blocks need to be used to reduce the vibration and impact during vehicle driving, so as to prolong the service life of the cooler.

3、Oil tank

The top of the oil tank is equipped with oil filler and pressure balance port, and the side is equipped with oil level gauge. During the initial use, the oil shall be added to the center line of the oil standard. During the oil filling process, the air in the system shall be drained as much as possible, and the oil filling plug shall be tightly covered after each oil filling.

4、Electrical connection

The motor used by the cooler is DC motor, and its service life is 3000 working hours. Since DC motor is not suitable for long-term continuous operation, it must be used together with temperature switch and contactor in the process of use.

5、Temperature switch

The function of the temperature switch is to ensure the intermittent operation of the fan through the "on / off" action of the temperature switch. The temperature switch has been provided when it is supplied. Our company can provide two different models of temperature switches.

The working process of the temperature switch is as follows: in the process of oil temperature rise, when the oil temperature rises to the upper limit of the switch temperature value, the temperature switch is connected, the fan starts to operate, and the heat is quickly taken away through the cooling air, so that the oil temperature drops rapidly: in the process of oil temperature fall, when the oil temperature drops to the lower limit of the switch temperature value, the temperature switch is disconnected, and the fan stops running.

The temperature switch is not installed on the cooler when leaving the factory. When in use, install the temperature switch on M14 on the end face of the lower head × 1.5 in the threaded hole, the threaded hole is blocked by a bulkhead when leaving the factory, screw it out, and then screw in and tighten the temperature switch together with the sealing ring.

Note: when the temperature switch is screwed into the cooler, the maximum torque shall not exceed 20nm. Excessive torque will damage the temperature switch and cause root cracking. The resulting damage does not belong to the scope of warranty. In order to prevent the temperature switch from "overheating" due to operation, a relay must be used to protect the temperature switch. Refer to the electrical schematic diagram for the use of the switch

6、Filter

The filter is connected with the cooler through a flange. The filter is an oil absorption filter. After installation, the whole filter is immersed in oil, and only the end cover is exposed outside the oil tank. The filter element can be replaced through the end cover. When replacing the filter element, the filter will automatically cutoff the oil circuit. Therefore, when replacing the filter element, it is not necessary to drain the oil in the system. The filter is equipped with a vacuum gauge to display the pollution degree of hydraulic oil.

005–235

KY Series

Air–0il Heat Exchangers



The standard version of KY series includes a single-passage circuit and a sucking/ pulling fan; other versions are available on request.

KY 024 .1 -04 A -1 6 1 5 -0 K

Series

Air-oil heat exchanger

Size / Size

005, 010, 016, 018, 024, 038, 057, 090, 210, 215, 220, 225, 230, 232, 235

Passages

1 – One single passage
2 – Two passages (available on request)
3 – Three passages (available on request)
L – Double core (available on request)

Please check with the Engineering Department for avaiable sizes

Fan Unit

01 - AC single phase 230V
02 - DC 12V
03 - AC three phase 230/400V
04 - DC 24V
05 - Designed for hydraulic motor GR2
06 - Designed for hydraulic motor GR3
07 - With B14 electric motor

Fan Flow

A - Sucking/pulling fan
P - Blowing/pushing fan (available on request)

Please check with the Engineering Department for avaiable sizes

Thermostat

0 - Without thermostat
1 - Fixed
2 - Softstart
3 - Adjustable
4 - With speed regulation and reverse rotation

Thermostat degrees

1 - From 40°C to 50°C
2 - From 40°C to 60°C
3 - From 30°C to 50°C
4 - 40°C
5 - 50°C
6 - 60°C
7 - 70°C
9 - From 0°C to 90°C

Thermostat thread

1 - 1/2"G
3 - 3/8"G

Thermostat IP

4 - IP40
5 - IP65
7 - IP67

Accessories

DC Version
0 - Without WPC
1 - With WPC

Designed for hydraulic motor version
0 - Without splined coupling
1 - With splined coupling

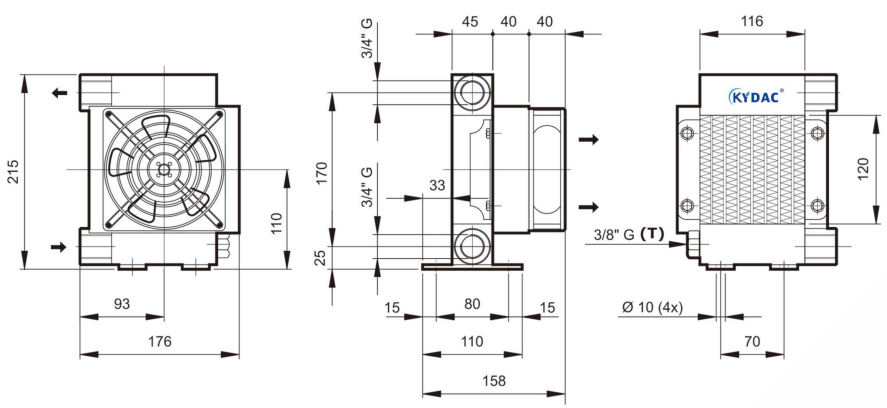
Mounting Systems

0 - Without bracket kit
K - With bracket kit

ПРОМЫШЛЕННАЯ И МОБИЛЬНАЯ ГИДРАВЛИКА

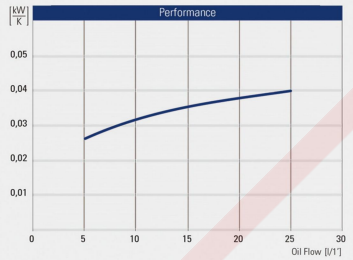
KY 005

220 Volt | 380 Volt | 12 Volt | 24 Volt

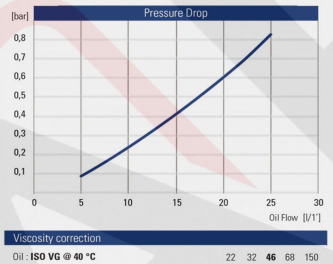


Technical information									
Type	Oil flow	Capacity	Voltage	Frequency	Current	Power	Fan Ø	Air flow	Noise Level
	l/1'	l	V	Hz	A	W	mm	m³/h	dB(A)
KY00501	5–25	0.6	220	50/60	0.13/0.11	30/26	120	150	46
KY00503	5–25	0.6	380	50/60	0.13/0.11	30/26	120	150	46
KY00502	5–25	0.6	12	–	0.6	7.5	105	95	49
KY00504	5–25	0.6	24	–	0.3	7.5	105	95	49

HY00501–3



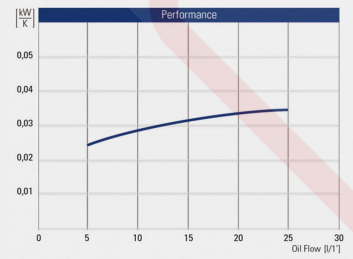
1 kW = 860 Kcal/h - 1 HP = 0,75 kW



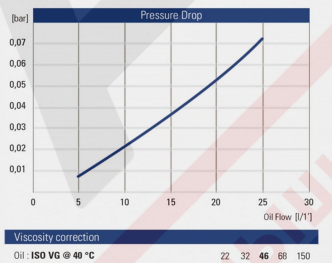
Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

HY00502–4



1 kW = 860 Kcal/h - 1 HP = 0,75 kW

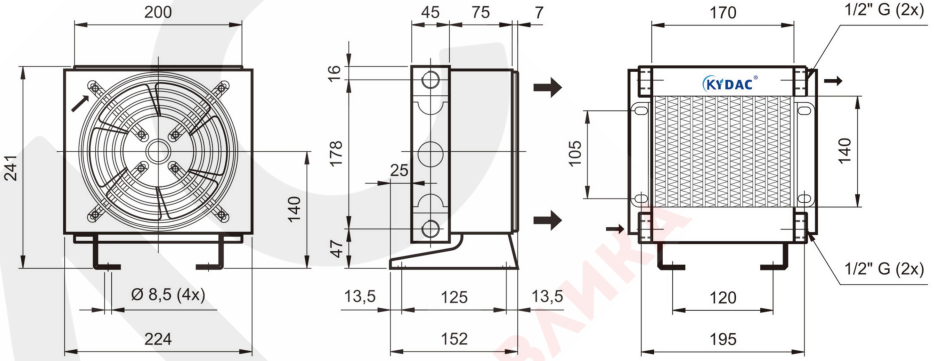


Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

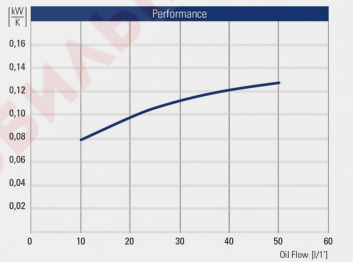
KY 010

220 Volt | 380 Volt | 12 Volt | 24 Volt

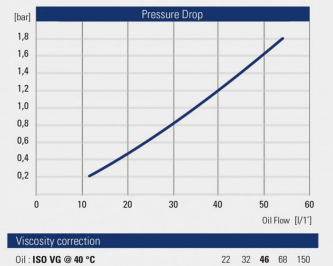


Technical information									
Type	Oil flow	Capacity	Voltage	Frequency	Current	Power	Fan Ø	Air flow	Noise Level
	l/1'	l	V	Hz	A	W	mm	m³/h	dB(A)
KY01001	10–40	0.8	220	50/60	0.9	45	175	230	65
KY01003	10–40	0.8	380	50/60	0.9	45	175	230	65
KY01002	10–40	0.8	12	–	6.3	75.6	167	400	72
KY01004	10–40	0.8	24	–	3.3	79.2	167	400	72

KY01001–3



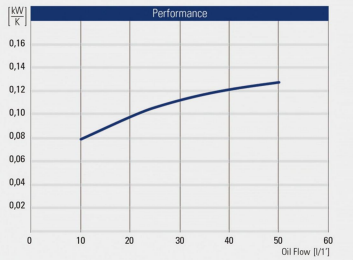
1 kW = 860 Kcal/h - 1 HP = 0,75 kW



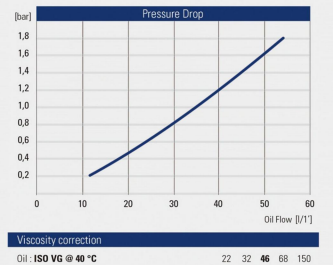
Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

KY01002–4



1 kW = 860 Kcal/h - 1 HP = 0,75 kW



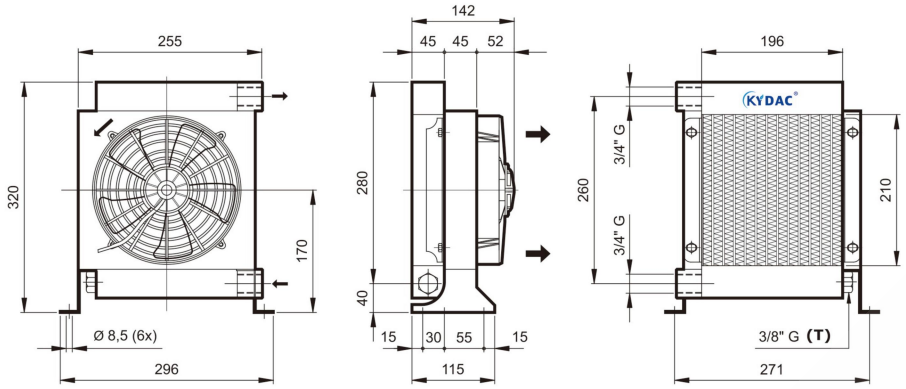
Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

ПРОМЫШЛЕННАЯ И МОБИЛЬНАЯ ГИДРАВЛИКА

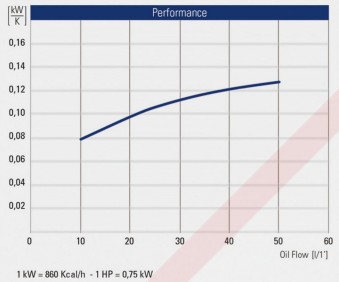
KY 014

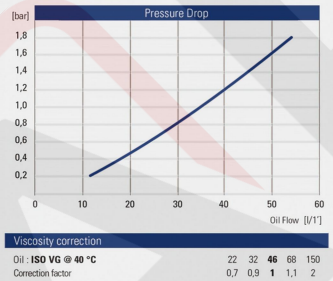
220 Volt | 380 Volt | 12 Volt | 24 Volt



Technical information									
Type	Oil flow	Capacity	Voltage	Frequency	Current	Power	Fan Ø	Air flow	Noise Level
	l/1′	l	V	Hz	A	W	mm	m³/h	dB(A)
KY01401	10–50	1.3	220	50/60	0.27/0.33	62/76	200	650	65
KY01403	10–50	1.3	380	50/60	1.28/1.1	66/68	200	650	65
KY01402	10–50	1.3	12	–	8.2	98.4	190	670	70
KY01404	10–50	1.3	24	–	2.6	62.4	190	520	70

KY01401–3

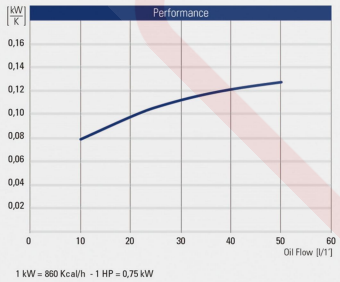


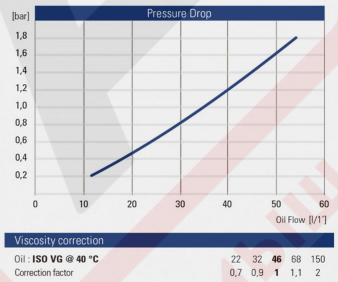


Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

KY01402–4



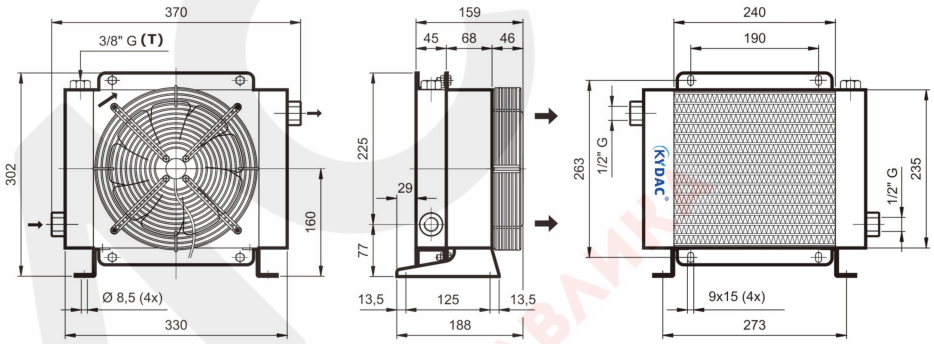


Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

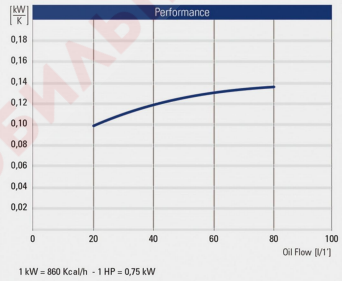
KY 016

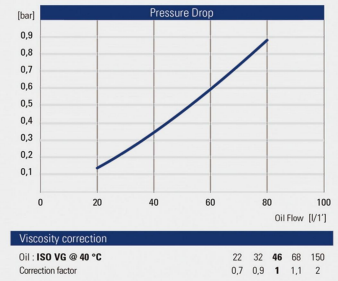
220 Volt | 380 Volt | 12 Volt | 24 Volt



Technical information									
Type	Oil flow	Capacity	Voltage	Frequency	Current	Power	Fan Ø	Air flow	Noise Level
	l/1′	l	V	Hz	A	W	mm	m³/h	dB(A)
KY01601	20–80	1.6	220	50/60	0.27/0.33	62/76	200	650	65
KY01603	20–80	1.6	380	50/60	1.28/1.1	66/68	200	650	65
KY01602	20–80	1.6	12	–	7.6	91.2	225	650	68
KY01604	20–80	1.6	24	–	4	96	225	650	68

KY01601–3

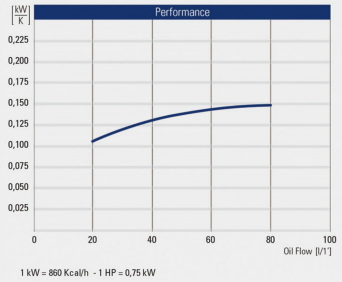


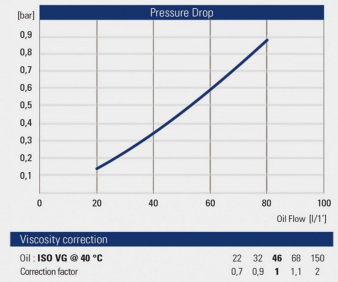


Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

KY01602–4





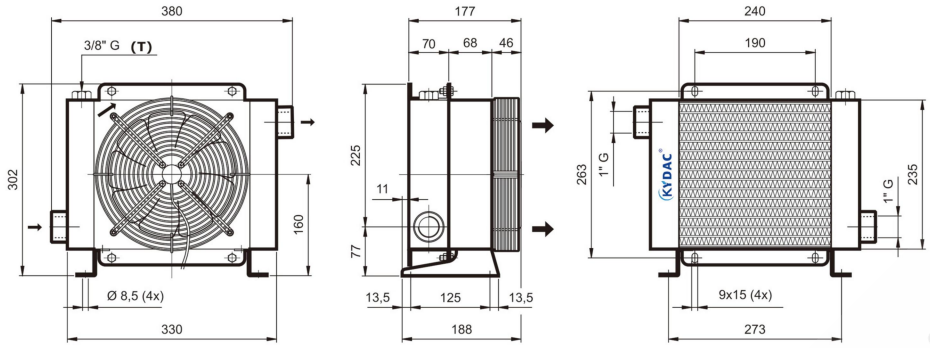
Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

ПРОМЫШЛЕННАЯ И МОРСКАЯ ГИДРАВЛИКА

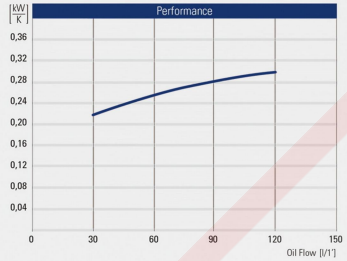
KY 018

220 Volt | 380 Volt | 12 Volt | 24 Volt

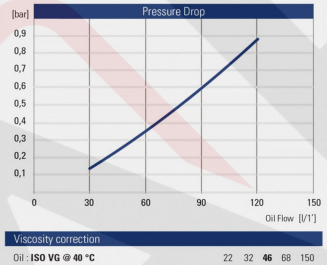


Technical information									
Type	Oil flow	Capacity	Voltage	Frequency	Current	Power	Fan Ø	Air flow	Noise Level
	l/1′	l	V	Hz	A	W	mm	m³/h	dB(A)
KY01801	20–100	2.3	220	50/60	0.27/0.33	62/76	200	650	67
KY01803	20–100	2.3	380	50/60	1.28/1.1	66/68	200	650	67
KY01802	20–100	2.3	12	–	7.6	91.2	225	620	70
KY01804	20–100	2.3	24	–	4	96	225	800	70

KY01801–3



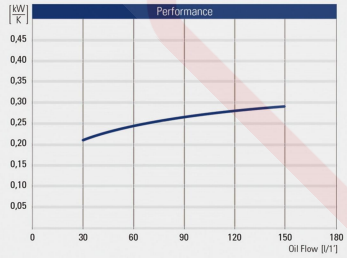
1 kW = 860 Kcal/h - 1 HP = 0,75 kW



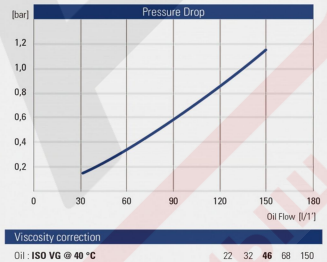
Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

KY01802–4



1 kW = 860 Kcal/h - 1 HP = 0,75 kW

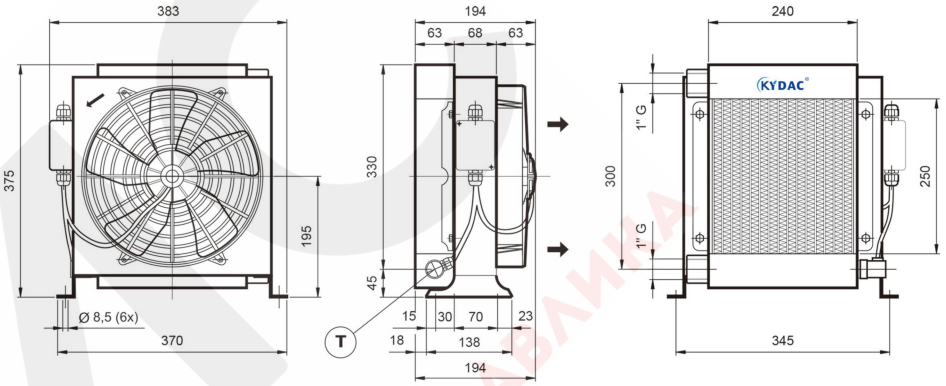


Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

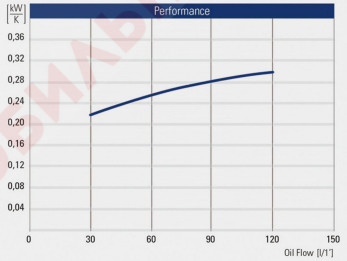
KY 020

220 Volt | 380 Volt | 12 Volt | 24 Volt

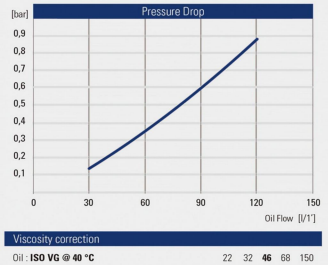


Technical information									
Type	Oil flow	Capacity	Voltage	Frequency	Current	Power	Fan Ø	Air flow	Noise Level
	l/1′	l	V	Hz	A	W	mm	m³/h	dB(A)
KY02001	30–120	2.7	220	50/60	0.43/0.52	100/120	250	1100	70
KY02003	30–120	2.7	380	50/60	0.39/0.56	90/130	250	1100	70
KY02002	30–120	2.7	12	–	9.2	110	280	1210	70
KY02004	30–120	2.7	24	–	4.5	108	280	1210	70

KY02001–3



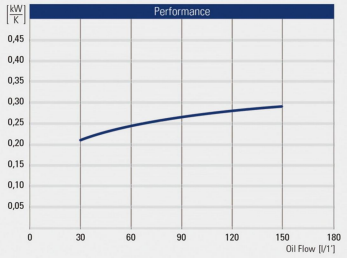
1 kW = 860 Kcal/h - 1 HP = 0,75 kW



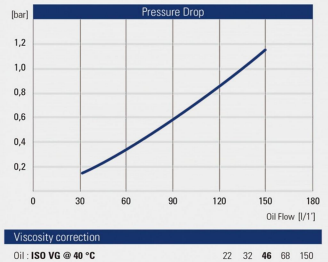
Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

KY02002–4



1 kW = 860 Kcal/h - 1 HP = 0,75 kW



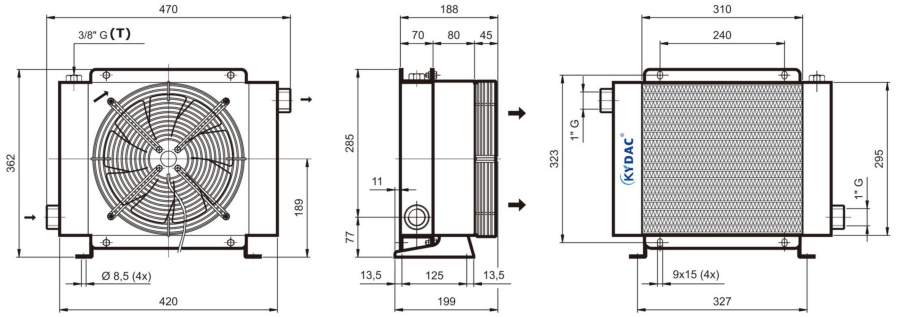
Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

ПРОМЫШЛЕННАЯ И МОБИЛЬНАЯ ГИДРАВЛИКА

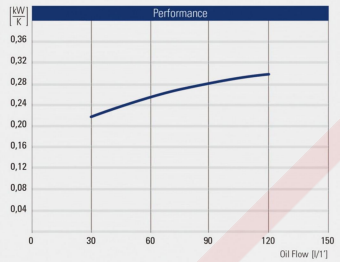
KY 024

220 Volt | 380 Volt | 12 Volt | 24 Volt

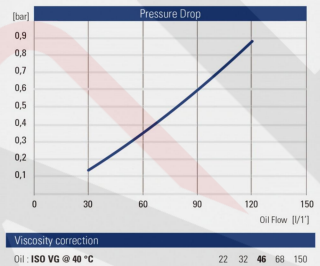


Technical information									
Type	Oil flow	Capacity	Voltage	Frequency	Current	Power	Fan Ø	Air flow	Noise Level
	l/1′	l	V	Hz	A	W	mm	m³/h	dB(A)
KY02401	30–120	3.7	220	50/60	0.43/0.52	100/120	250	1400	70
KY02403	30–120	3.7	380	50/60	0.39/0.56	90/130	250	1400	70
KY02402	30–120	3.7	12	–	9.2	110	280	1210	70
KY02404	30–120	3.7	24	–	4.5	108	280	1210	70

KY02401–3



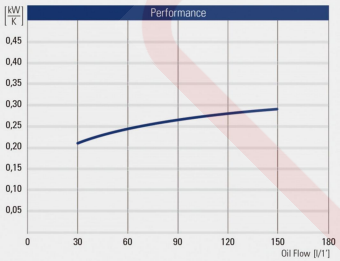
1 kW = 860 Kcal/h - 1 HP = 0,75 kW



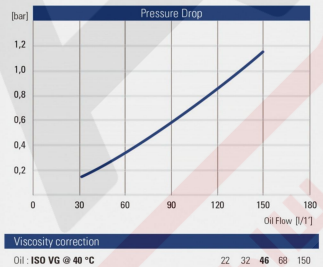
Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

KY02402–4



1 kW = 860 Kcal/h - 1 HP = 0,75 kW

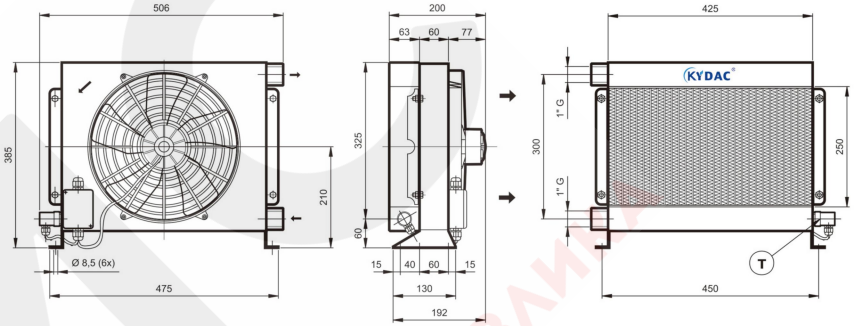


Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

KY 036

220 Volt | 380 Volt | 12 Volt | 24 Volt

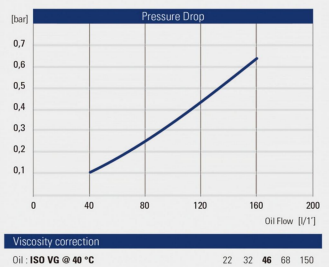


Technical information									
Type	Oil flow	Capacity	Voltage	Frequency	Current	Power	Fan Ø	Air flow	Noise Level
	l/1′	l	V	Hz	A	W	mm	m³/h	dB(A)
KY03601	40–160	4.6	220	50/60	0.95/1.17	220/270	300	1800	73
KY03603	40–160	4.6	380	50/60	1/1.2	250/290	300	1800	73
KY03602	40–160	4.6	12	–	17.6	211	305	1830	72
KY03604	40–160	4.6	24	–	7.6	182	305	1960	72

KY03601–3



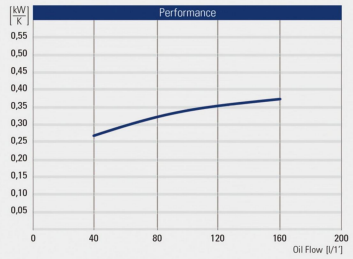
1 kW = 860 Kcal/h - 1 HP = 0,75 kW



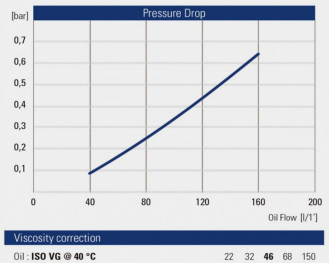
Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

KY03602–4



1 kW = 860 Kcal/h - 1 HP = 0,75 kW



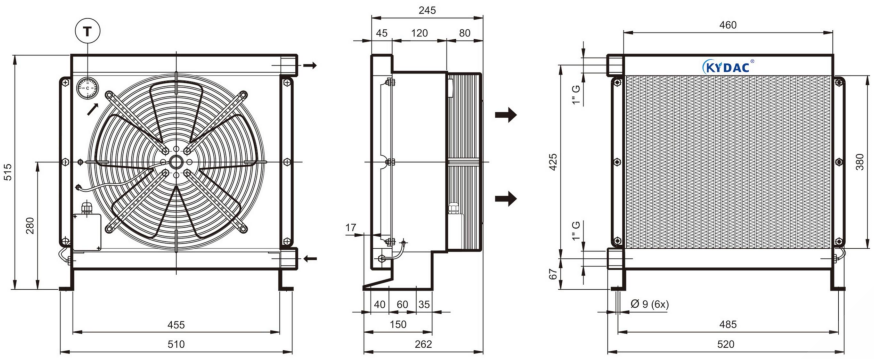
Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

ПРОМЫШЛЕННАЯ И МОБИЛЬНАЯ ГИДРАВЛИКА

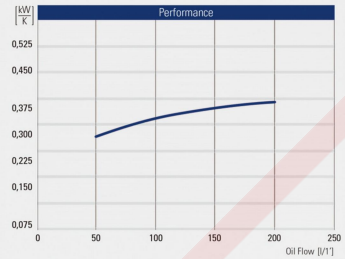
KY 037

220 Volt | 380 Volt | 12 Volt | 24 Volt

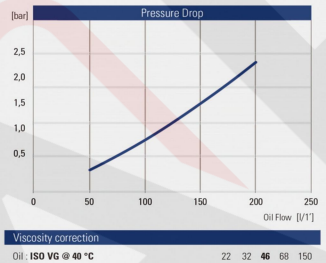


Technical information									
Type	Oil flow	Capacity	Voltage	Frequency	Current	Power	Fan Ø	Air flow	Noise Level
	l/1'	l	V	Hz	A	W	mm	m³/h	dB(A)
KY03701	50–200	4.2	220	50/60	0.52/0.74	120/170	350	270	72
KY03703	50–200	4.2	380	50/60	0.56/0.78	130/180	350	270	72
KY03702	50–200	4.2	12	–	20	246	350	2360	72
KY03704	50–200	4.2	24	–	10	240	350	2360	72

KY03701–3



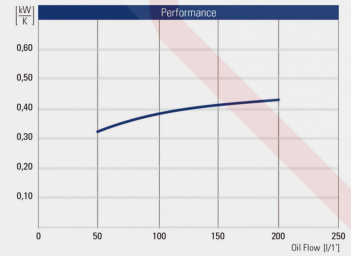
1 kW = 860 Kcal/h - 1 HP = 0,75 kW



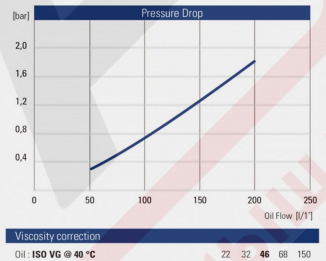
Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

KY03702–4



1 kW = 860 Kcal/h - 1 HP = 0,75 kW

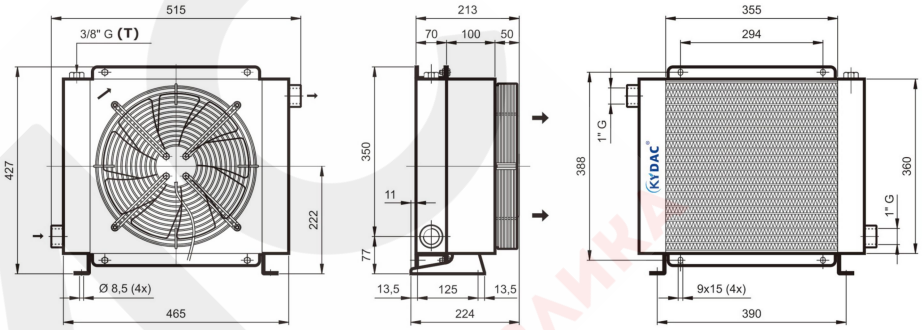


Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

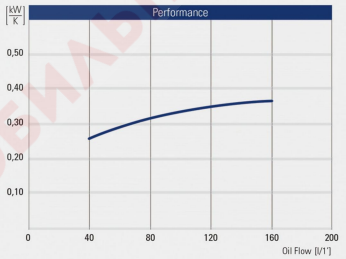
KY 038

220 Volt | 380 Volt | 12 Volt | 24 Volt

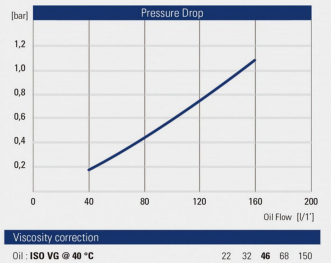


Technical information									
Type	Oil flow	Capacity	Voltage	Frequency	Current	Power	Fan Ø	Air flow	Noise Level
	l/1'	l	V	Hz	A	W	mm	m³/h	dB(A)
KY03801	40–160	4.8	220	50/60	0.95/1.17	220/270	300	2400	75
KY03803	40–160	4.8	380	50/60	1/1.2	250/290	300	2400	75
KY03802	40–160	4.8	12	–	17.6	211	305	1830	72
KY03804	40–160	4.8	24	–	7.6	182	305	1960	72

KY03801–3



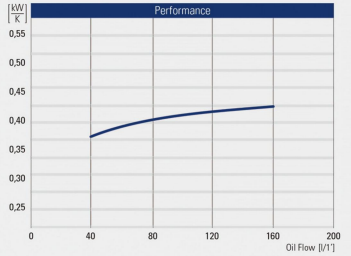
1 kW = 860 Kcal/h - 1 HP = 0,75 kW



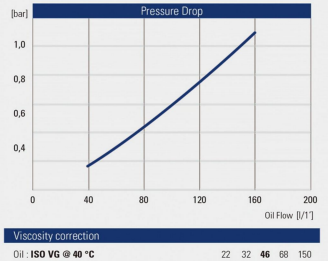
Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

KY03802–4



1 kW = 860 Kcal/h - 1 HP = 0,75 kW



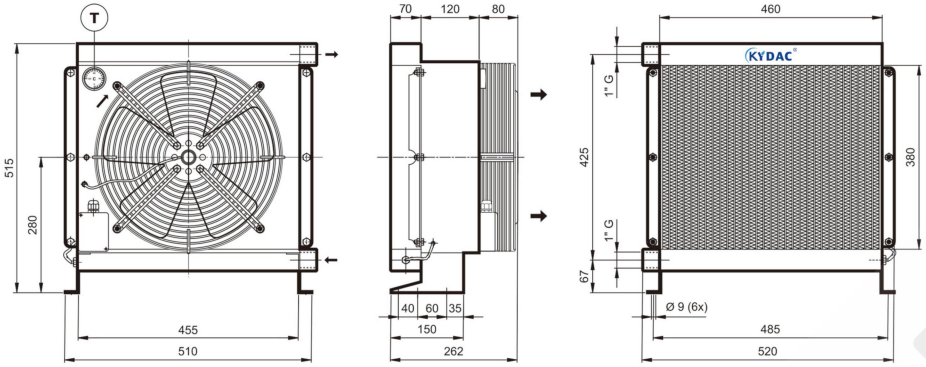
Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

ПРОМЫШЛЕННАЯ И МОБИЛЬНАЯ ГИДРАВЛИКА

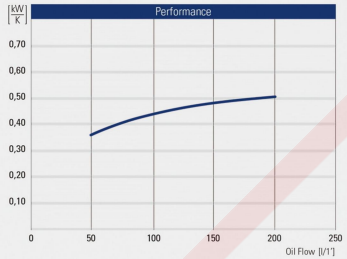
KY 055

220 Volt | 380 Volt | 12 Volt | 24 Volt

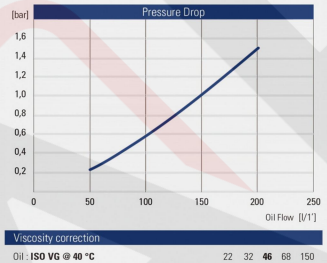


Technical information									
Type	Oil flow	Capacity	Voltage	Frequency	Current	Power	Fan Ø	Air flow	Noise Level
	l/1'	l	V	Hz	A	W	mm	m^3/h	dB(A)
KY05501	50–200	6.3	220	50/60	0.52/0.74	120/170	350	2700	72
KY05503	50–200	6.3	380	50/60	0.56/0.78	130/180	350	2700	72
KY05502	50–200	6.3	12	–	20	246	350	2360	72
KY05504	50–200	6.3	24	–	10	240	350	2360	72

KY05501–3



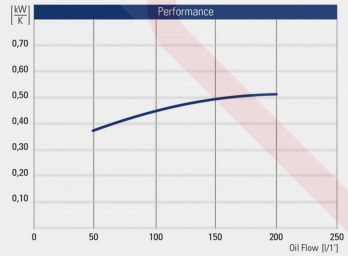
1 kW = 860 Kcal/h - 1 HP = 0,75 kW



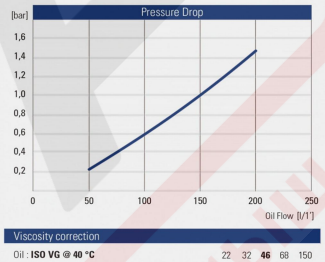
Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

KY05502–4



1 kW = 860 Kcal/h - 1 HP = 0,75 kW

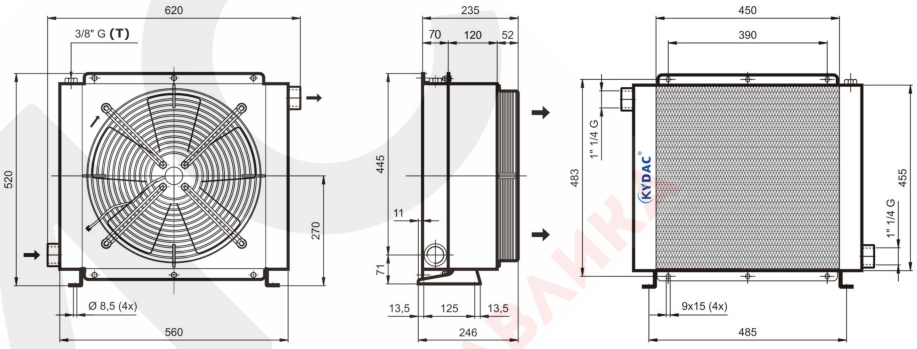


Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

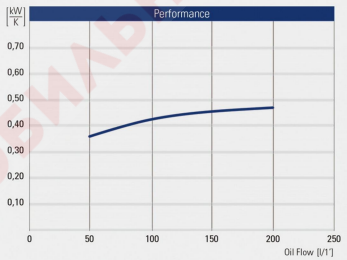
KY 057

220 Volt | 380 Volt | 12 Volt | 24 Volt

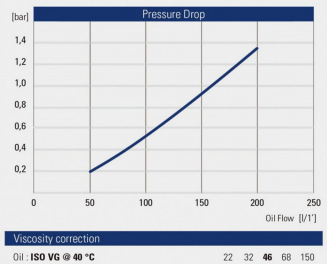


Technical information									
Type	Oil flow	Capacity	Voltage	Frequency	Current	Power	Fan Ø	Air flow	Noise Level
	l/1'	l	V	Hz	A	W	mm	m^3/h	dB(A)
HY05701	50–200	6.7	220	50/60	0.69/0.95	160/200	400	2400	70
HY05701	50–200	6.7	380	50/60	0.56/0.78	130/180	400	2400	70
HY05701	50–200	6.7	12	–	21	252	385	2390	72
HY05701	50–200	6.7	24	–	10	240	385	2430	72

HY03601–3



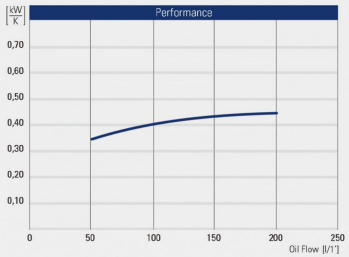
1 kW = 860 Kcal/h - 1 HP = 0,75 kW



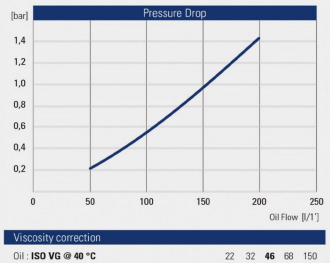
Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

HY03602–4



1 kW = 860 Kcal/h - 1 HP = 0,75 kW



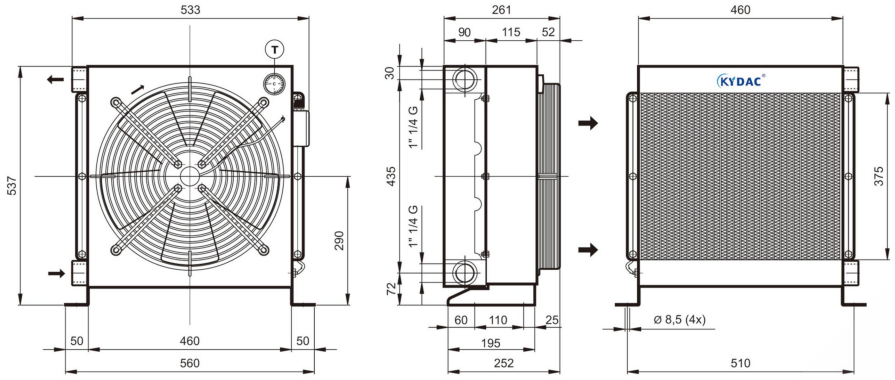
Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

ПРОМЫШЛЕННАЯ И МОБИЛЬНАЯ ГИДРАВЛИКА

KY 098

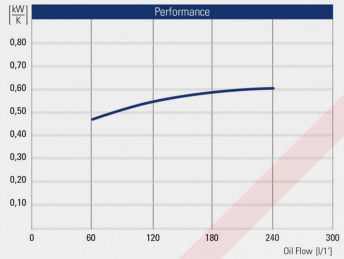
220 Volt | 380 Volt | 12 Volt | 24 Volt



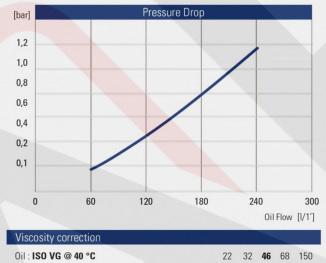
Technical information

Type	Oil flow	Capacity	Voltage	Frequency	Current	Power	Fan Ø	Air flow	Noise Level
	l/1′	l	V	Hz	A	W	mm	m³/h	dB(A)
KY09801	60–120	9.8	220	50/60	0.52	135	400	2400	70
KY09803	60–240	9.8	380	50/60	0.56/0.78	130/180	400	2400	70
KY09802	60–240	9.8	12	–	21	252	385	2390	72
KY09804	60–240	9.8	24	–	10	240	385	2430	72

KY09801–3



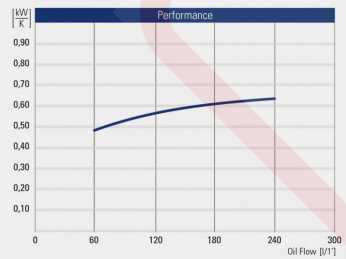
1 kW = 860 Kcal/h - 1 HP = 0,75 kW



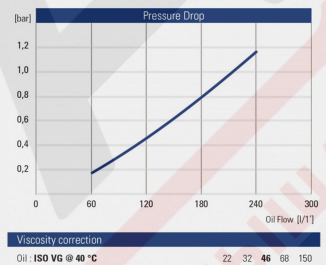
Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

KY09802–4



1 kW = 860 Kcal/h - 1 HP = 0,75 kW

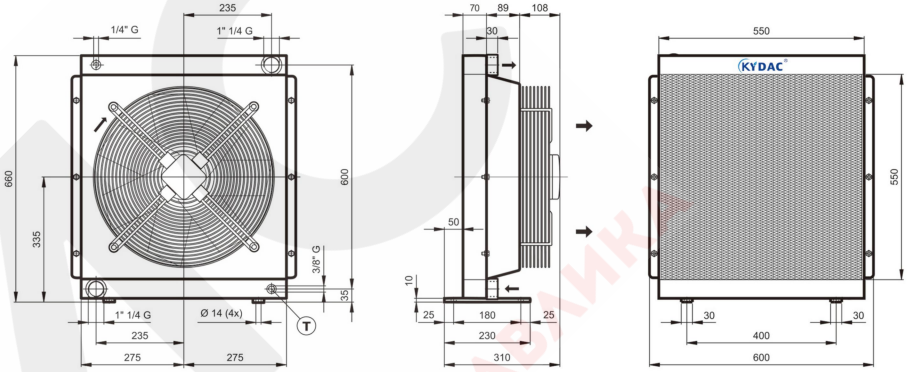


Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

KY 105

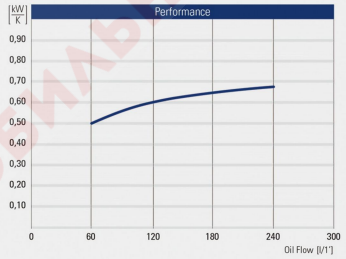
220 Volt | 380 Volt | 12 Volt | 24 Volt



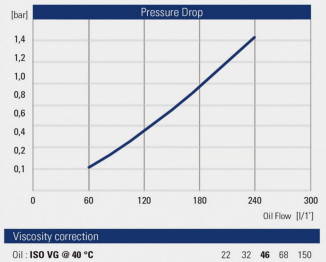
Technical information

Type	Oil flow	Capacity	Voltage	Frequency	Current	Power	Fan Ø	Air flow	Noise Level
	l/1′	l	V	Hz	A	W	mm	m³/h	dB(A)
KY10501	60–240	9.8	220	50/60	0.52/0.74	250	450	2600	72
KY10503	60–240	9.8	380	50/60	0.55/0.72	305/390	450	2600	72
KY10502	60–240	9.8	12	–	2X9.2	2X110	2X280	2X1210	70
KY10504	60–240	9.8	24	–	2X4.5	2X108	2X280	2X1210	70

KY10501–3



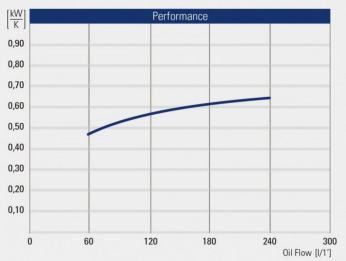
1 kW = 860 Kcal/h - 1 HP = 0,75 kW



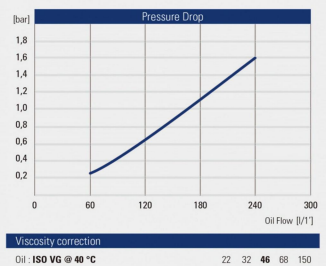
Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

KY10502–4



1 kW = 860 Kcal/h - 1 HP = 0,75 kW



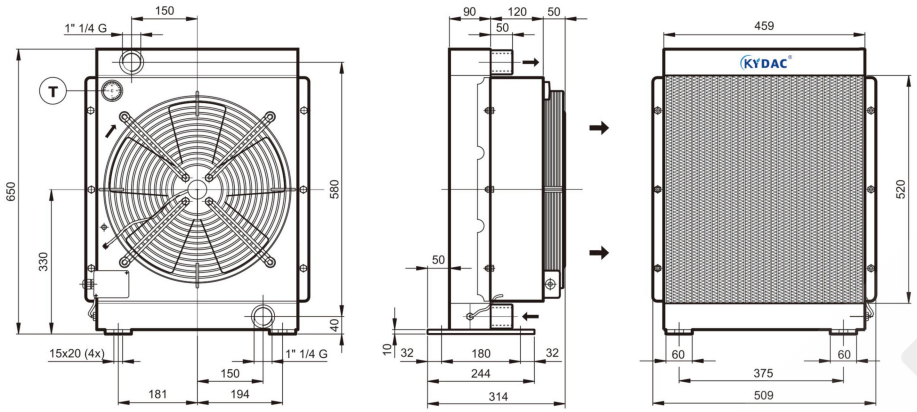
Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

ПРОМЫШЛЕННАЯ И МОБИЛЬНАЯ ГИДРАВЛИКА

KY 115

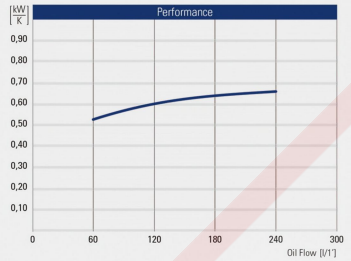
220 Volt | 380 Volt | 12 Volt | 24 Volt



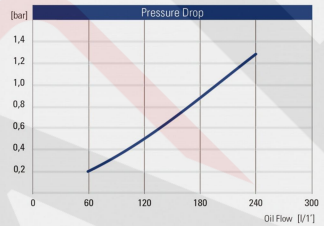
Technical information

Type	Oil flow	Capacity	Voltage	Frequency	Current	Power	Fan Ø	Air flow	Noise Level
	l/1′	l	V	Hz	A	W	mm	m³/h	dB(A)
KY11501	60–240	11.5	220	50/60	0.69/0.95	160/200	400	2400	70
KY11503	60–240	11.5	380	50/60	0.56/0.78	130/180	400	2400	70
KY11502	60–240	11.5	12	–	21	252	385	2390	72
KY11504	60–240	11.5	24	–	10	240	385	2430	72

KY11501–3



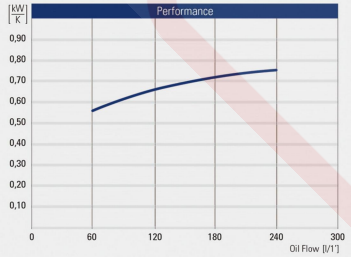
1 kW = 860 Kcal/h - 1 HP = 0,75 kW



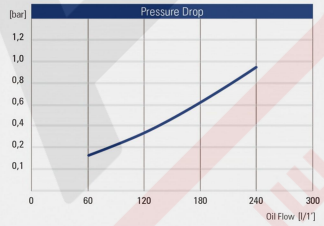
Viscosity correction

Oil : **ISO VG @ 40 °C**	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

KY11502–4



1 kW = 860 Kcal/h - 1 HP = 0,75 kW

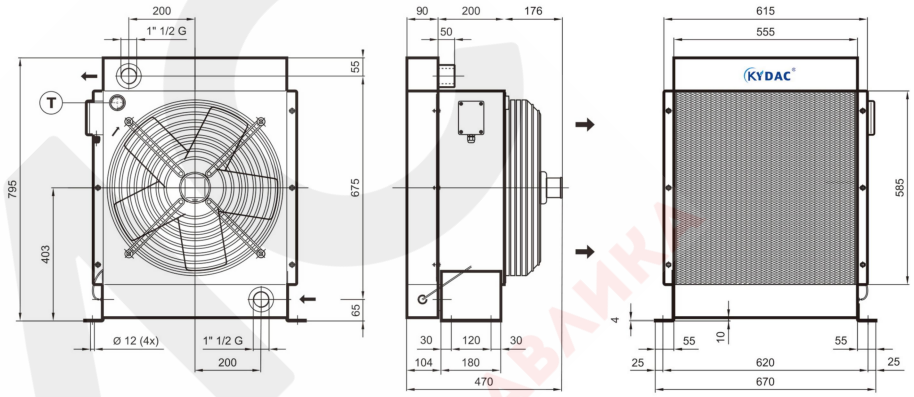


Viscosity correction

Oil : **ISO VG @ 40 °C**	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

KY 130

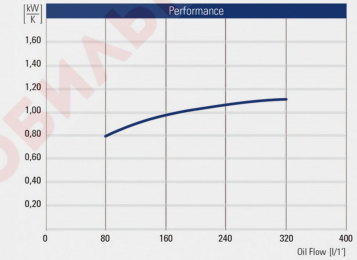
220 Volt | 380 Volt



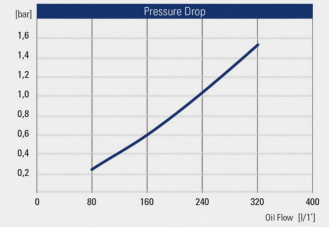
Technical information

Type	Oil flow	Capacity	Voltage	Frequency	Current	Power	Fan Ø	Air flow	Noise Level
	l/1′	l	V	Hz	A	W	mm	m³/h	dB(A)
KY013003	80–320	19	220	50	2.46/1.42	560	500	5500	73
			380	60	2.3/1.3	800			
	l/1′	l	cm³/g	g/1′	l/1′	W	mm	m³/h	dB(A)
KY013005	80–320	19	11.3	1400	17	750	500	10000	79
KY013006	80–320	19	–	–	–	–	500	–	–

KY013003



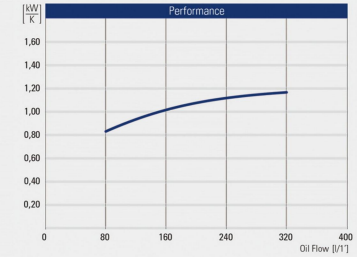
1 kW = 860 Kcal/h - 1 HP = 0,75 kW



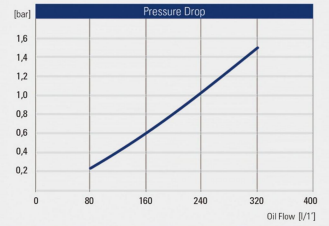
Viscosity correction

Oil : **ISO VG @ 40 °C**	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

KY013005–6



1 kW = 860 Kcal/h - 1 HP = 0,75 kW



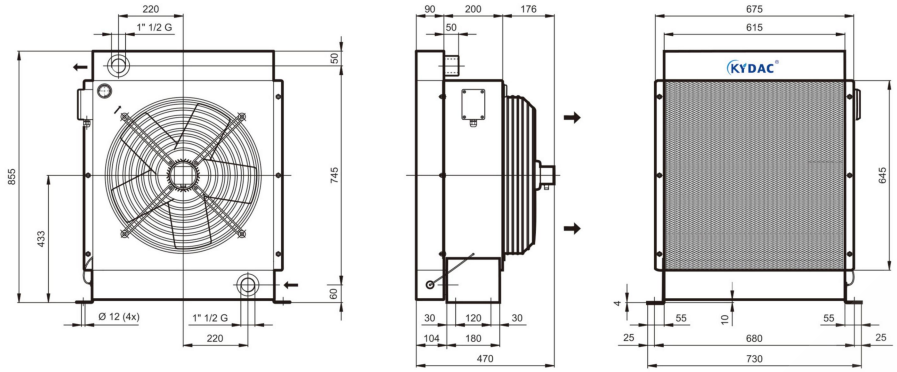
Viscosity correction

Oil : **ISO VG @ 40 °C**	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

ПРОМЫШЛЕННАЯ И МОБИЛЬНАЯ ГИДРАВЛИКА

KY 140

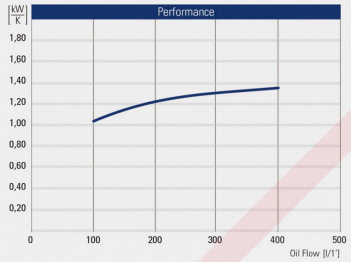
220 Volt | 380 Volt



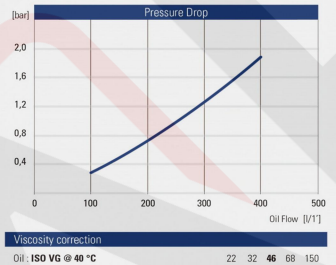
Technical information

Type	Oil flow	Capacity	Voltage	Frequency	Current	Power	Fan Ø	Air flow	Noise Level
	l/1′	l	V	Hz	A	W	mm	m³/h	dB(A)
KY014001	100–400	22	220	50	2.46/1.42	560	500	5500	73
KY014003	100–400	22	380	60	2.3/1.3	800			
	l/1′	l	cm³/g	g/1′	l/1′	W	mm	m³/h	dB(A)
KY014005	100–400	22	11.3	1400	17	950	560	11000	79
KY014006	100–400	22	–	–	–	–	560	–	–

KY014001–3



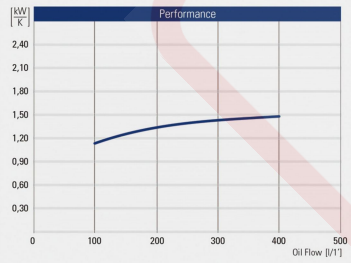
1 kW = 860 Kcal/h - 1 HP = 0,75 kW



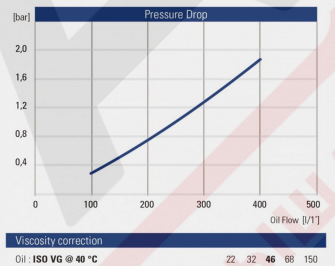
Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

KY014005–6



1 kW = 860 Kcal/h - 1 HP = 0,75 kW

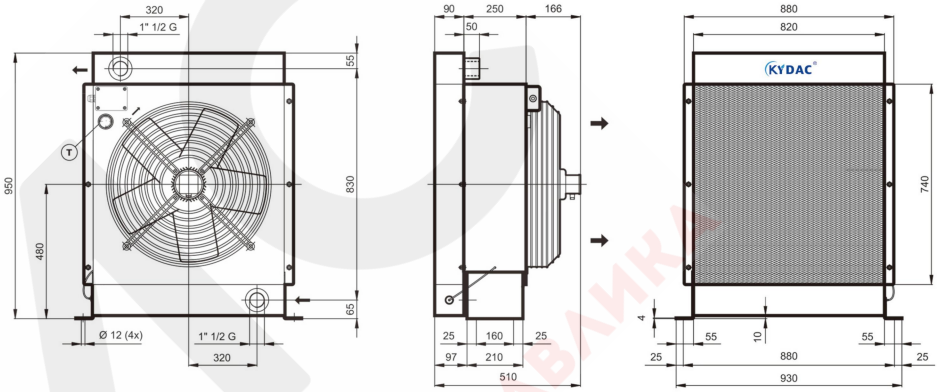


Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

KY 160

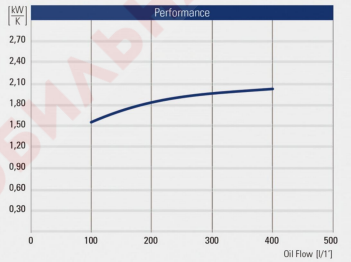
220 Volt | 380 Volt



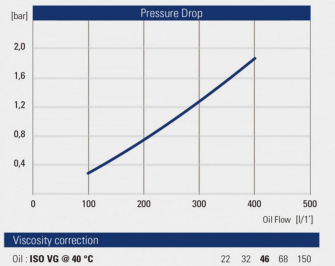
Technical information

Type	Oil flow	Capacity	Voltage	Frequency	Current	Power	Fan Ø	Air flow	Noise Level
	l/1′	l	V	Hz	A	W	mm	m³/h	dB(A)
KY16001	100–400	31	220	50	2.8/1.8	900	560	8000	73
KY16003			380	60	2.8/1.8	1000			
	l/1′	l	cm³/g	g/1′	l/1′	W	mm	m³/h	dB(A)
KY16005	100–400	31	17.5	1400	22	1300	680	14000	82
KY16006	100–400	31	–	–	–	–	680	–	–

KY16001–3



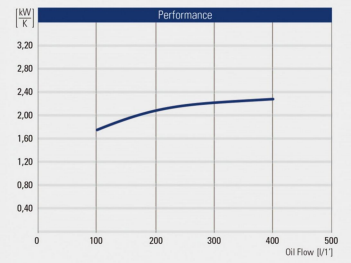
1 kW = 860 Kcal/h - 1 HP = 0,75 kW



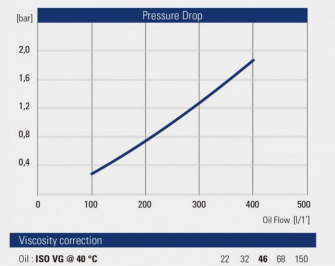
Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

KY16005–6



1 kW = 860 Kcal/h - 1 HP = 0,75 kW



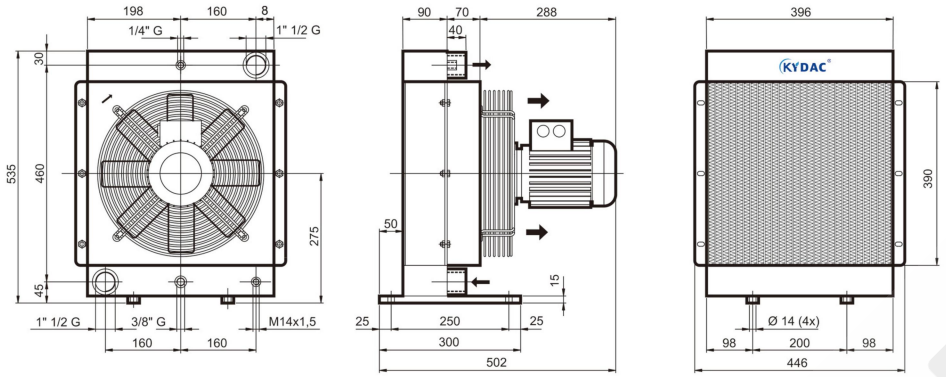
Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

ПРОМЫШЛЕННАЯ И МОБИЛЬНАЯ ГИДРАВЛИКА

KY 215

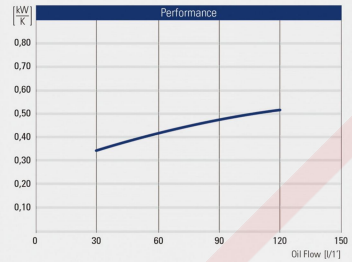
220 Volt | 380 Volt | 12 Volt | 24 Volt



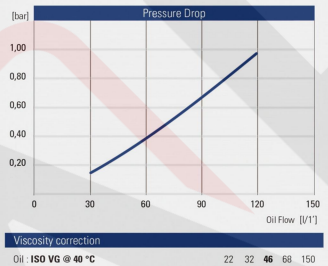
Technical information

Type	Oil flow	Capacity	Voltage	Frequency	Current	Power	Fan Ø	Air flow	Noise Level
	l/1'	l	V	Hz	A	W	mm	m³/h	dB(A)
KY21501	30–120	8.7	220	50	2.4/1.4	0.55	400	3500	80
KY21503	30–120	8.7	380	60	2.1/1.2	0.55	400	3500	80
KY21502	30–120	8.75	12	–	21	252	385	2390	76
KY21504	30–120	8.75	24	–	10	240	385	2430	76

KY21501–3



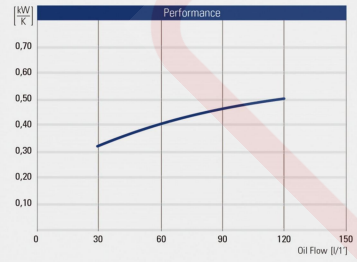
1 kW = 860 Kcal/h - 1 HP = 0,75 kW



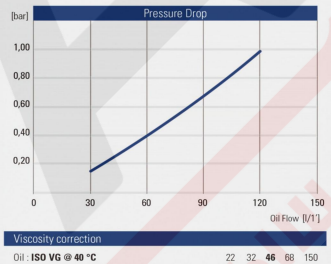
Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

KY21502–4



1 kW = 860 Kcal/h - 1 HP = 0,75 kW



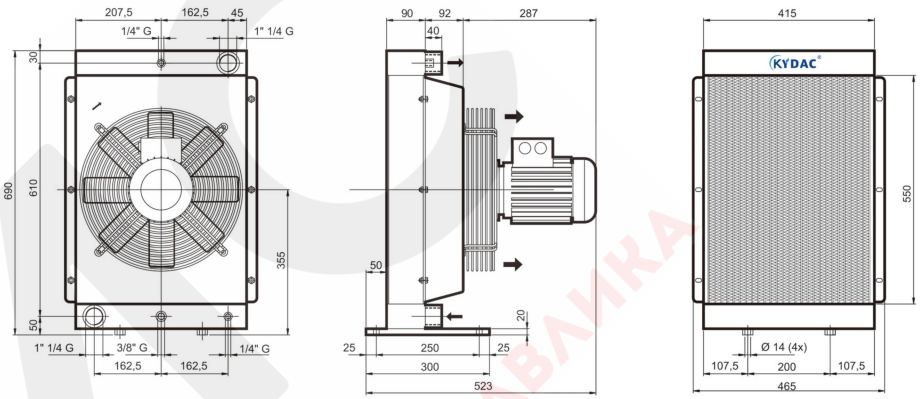
Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

8.7

KY 220

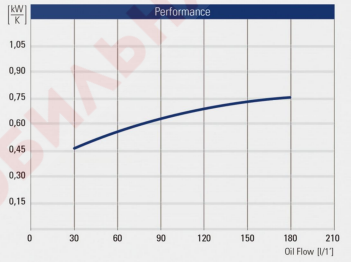
220 Volt | 380 Volt | 12 Volt | 24 Volt



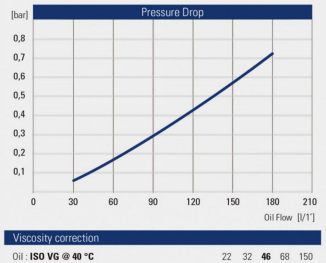
Technical information

Type	Oil flow	Capacity	Voltage	Frequency	Current	Power	Fan Ø	Air flow	Noise Level
	l/1'	l	V	Hz	A	W	mm	m³/h	dB(A)
KY22001	30–180	11	220	50	3.2–1.8	750	450	3800	80
KY22003	30–180	11	380	60	2.8–1.6	750	450	3800	80
KY22002	30–180	11	12	–	2X9.2	2X110	2X280	2X1400	75
KY22004	30–180	11	24	–	2X4.5	2X108	2X280	2X1400	75

KY22001–3



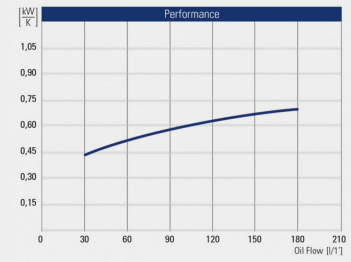
1 kW = 860 Kcal/h - 1 HP = 0,75 kW



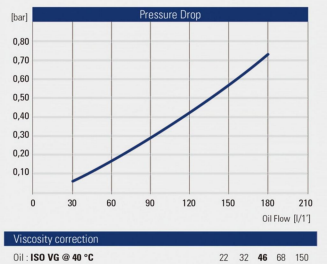
Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

KY22002–4



1 kW = 860 Kcal/h - 1 HP = 0,75 kW



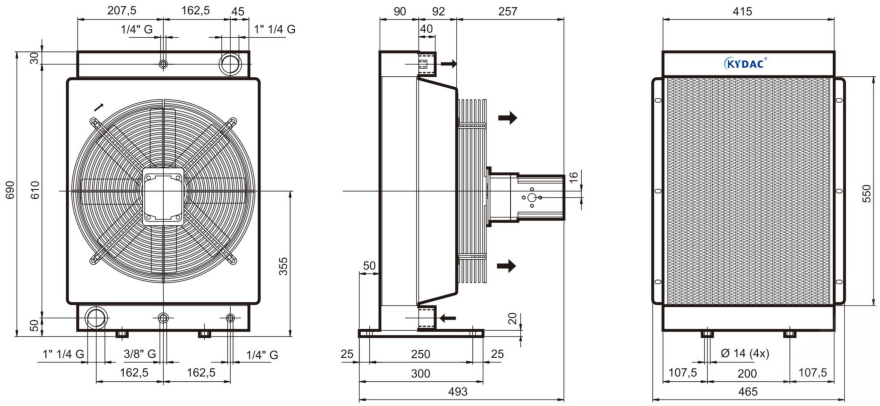
Viscosity correction

Oil : ISO VG @ 40 °C	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

ПРОМЫШЛЕННАЯ И МОБИЛЬНАЯ ГИДРАВЛИКА

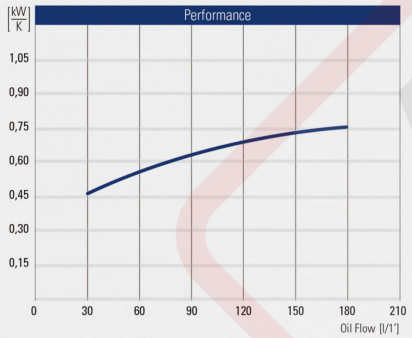
KY 220

B14
4 poles

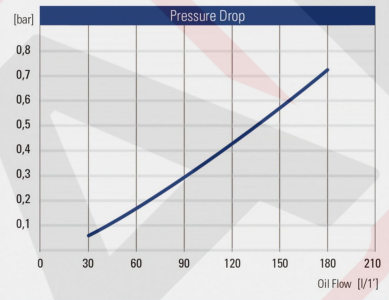


Technical information									
Type	Oil flow	Capacity	Voltage	Frequency	Current	Power	Fan Ø	Air flow	Noise Level
	l/1′	l	cm³/g	g/1′	l/1′	W	mm	m³/h	dB(A)
KY22005	30–180	11	11	2000	23	850	400	8000	78
KY22006	30–180	11	–	–	–	–	400	–	–

KY22005–6



1 kW = 860 Kcal/h - 1 HP = 0,75 kW

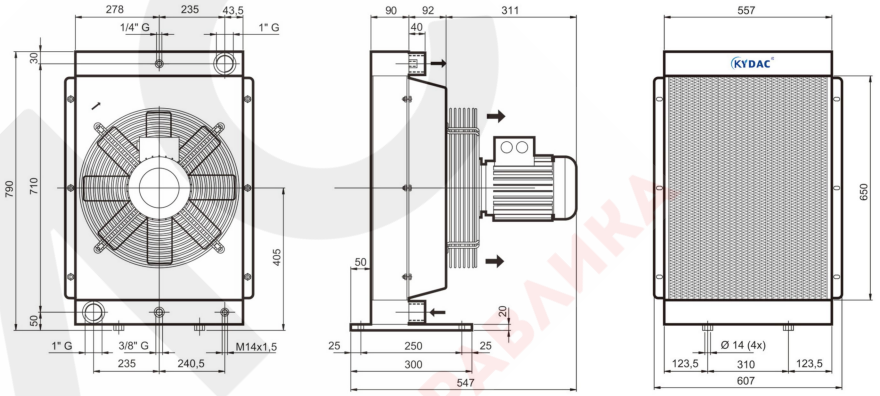


Viscosity correction

Oil : **ISO VG @ 40 °C**	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

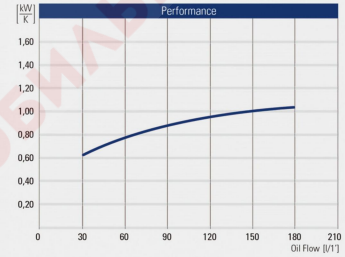
KY 225

220 Volt | 380 Volt | 12 Volt | 24 Volt

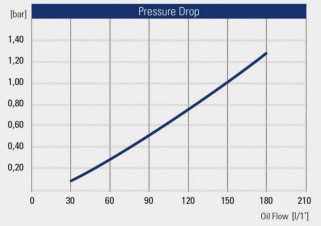


Technical information									
Type	Oil flow	Capacity	Voltage	Frequency	Current	Power	Fan Ø	Air flow	Noise Level
	l/1′	l	V	Hz	A	W	mm	m³/h	dB(A)
KY22501	30–180	15	220	50	4.8–2.7	1100	500	5000	82
KY22503	30–180	15	308	60	4.2–2.4	1100	500	5000	82
KY22502	30–180	15	12	–	2X17.6	2X211	2X305	2X1830	80
KY22504	30–180	15	24	–	2X7.6	2X182	2X305	2X1960	80

KY22501–3



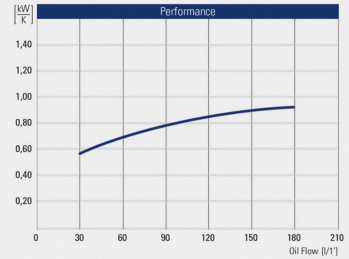
1 kW = 860 Kcal/h - 1 HP = 0,75 kW



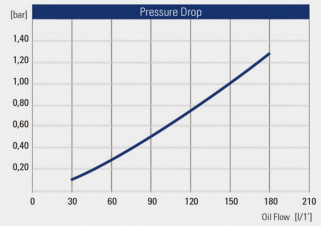
Viscosity correction

Oil : **ISO VG @ 40 °C**	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

KY22502–4



1 kW = 860 Kcal/h - 1 HP = 0,75 kW



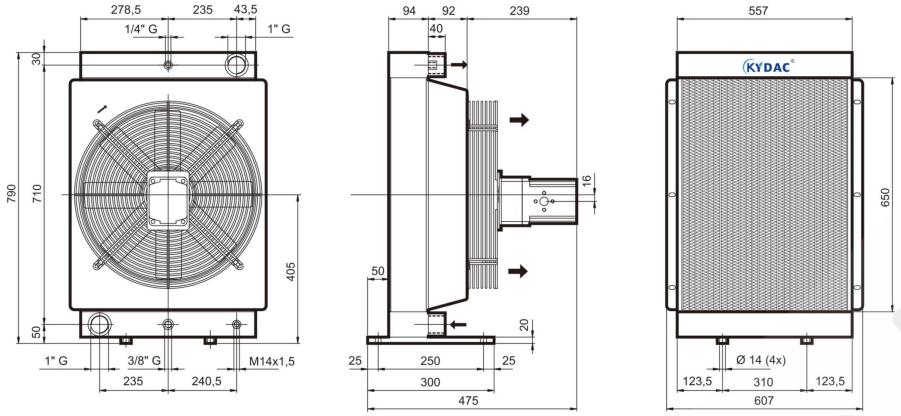
Viscosity correction

Oil : **ISO VG @ 40 °C**	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

ПРОМЫШЛЕННАЯ И МОБИЛЬНАЯ ГИДРАВЛИКА

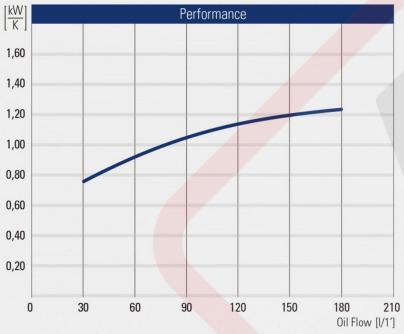
KY 225

B14
4 poles

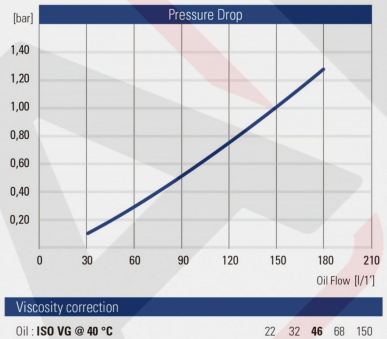


Technical information									
Type	Oil flow	Capacity	Voltage	Frequency	Current	Power	Fan Ø	Air flow	Noise Level
	l/1′	l	V	Hz	A	W	mm	m³/h	dB(A)
KY22505	30–180	15	11.4	2000	24	1400	500	10000	81
KY22506	30–180	15	–	–	–	–	500	–	–

KY22505–6



1 kW = 860 Kcal/h - 1 HP = 0,75 kW



Viscosity correction

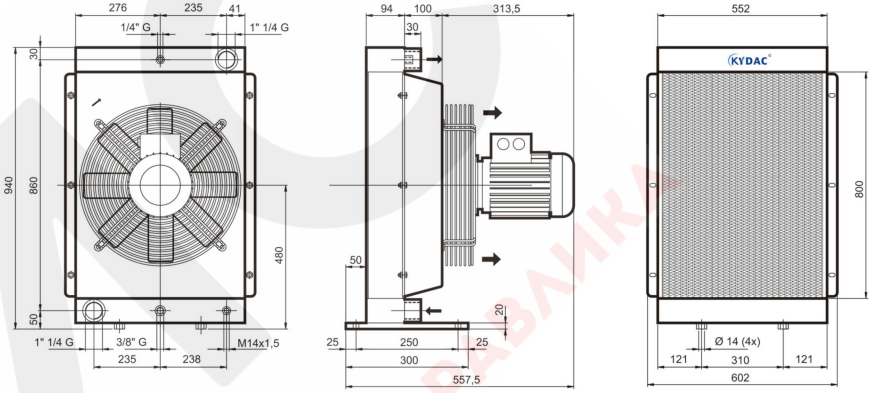
Oil : **ISO VG @ 40 °C**	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

KY 230

B14
4 poles

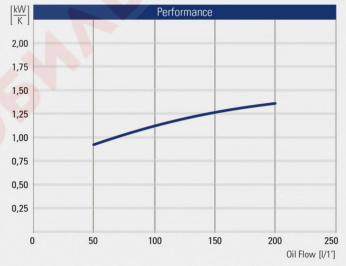
220
Volt

380
Volt

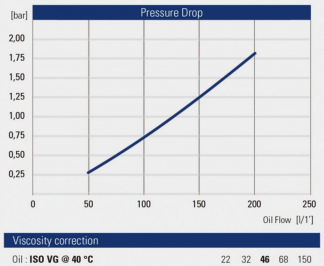


Technical information									
Type	Oil flow	Capacity	Voltage	Frequency	Current	Power	Fan Ø	Air flow	Noise Level
	l/1′	l	V	Hz	A	W	mm	m³/h	dB(A)
KY23001	50–200	18	220	50/60	4.8–2.7	1100	560	8000	82
KY23003	50–200	18	380	50/60	4.2–2.4				
	l/1′	l	cm³/g	g/1′	l/1′	W	mm	m³/h	dB(A)
KY23005	50–200	17	17.5	1500	27	1700	560	12000	81
KY23006	50–200	17	–	–	–	–	560	–	–

KY23001–3



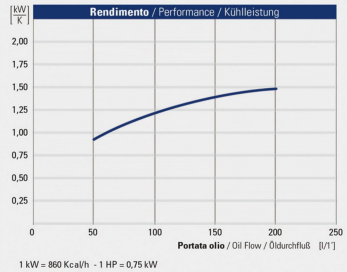
1 kW = 860 Kcal/h - 1 HP = 0,75 kW



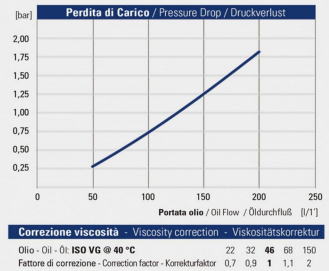
Viscosity correction

Oil : **ISO VG @ 40 °C**	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

KY023005–6



1 kW = 860 Kcal/h - 1 HP = 0,75 kW



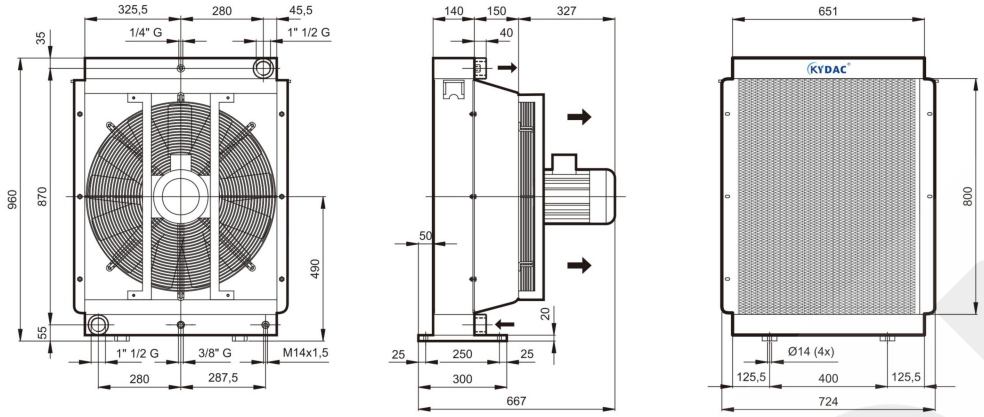
Correzione viscosità - Viscosity correction - Viskositätskorrektur

Olio - Oil - Öl: **ISO VG @ 40 °C**	22	32	**46**	68	150
Fattore di correzione - Correction factor - Korrekturfaktor	0,7	0,9	**1**	1,1	2

ПРОМЫШЛЕННАЯ И МОБИЛЬНАЯ ГИДРАВЛИКА

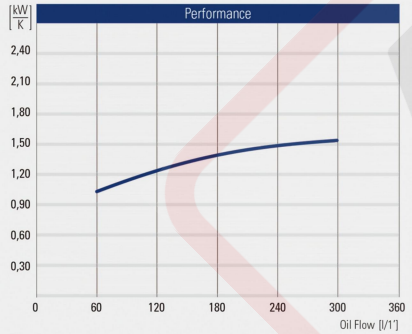
KY 235

220 Volt | 380 Volt

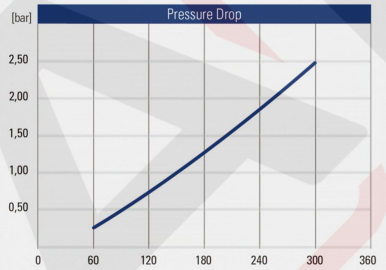


Technical information									
Type	Oil flow	Capacity	Voltage	Frequency	Current	Power	Fan Ø	Air flow	Noise Level
	l/1'	l	V	Hz	A	W	mm	m³/h	dB(A)
KY23501	60–300	34	220	50/60	4.8–2.7	1100	630	10000	81
KY23503	60–300	34	380	50/60	4.2–2.4	1100	630	10000	81

KY23501–3



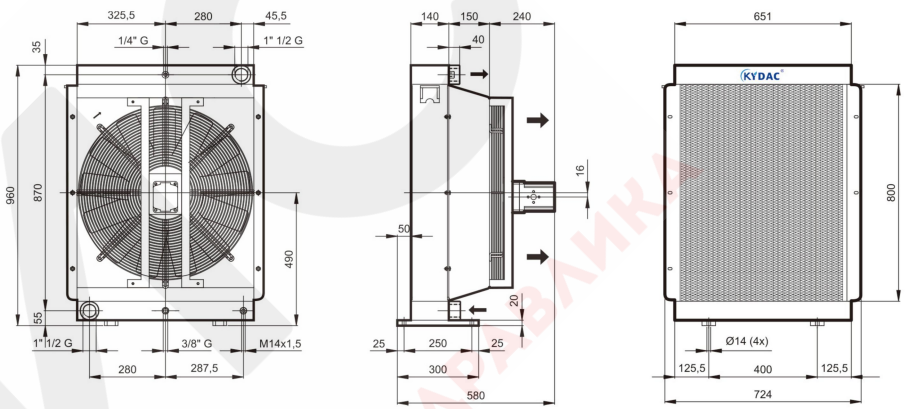
1 kW = 860 Kcal/h - 1 HP = 0,75 kW



Viscosity correction

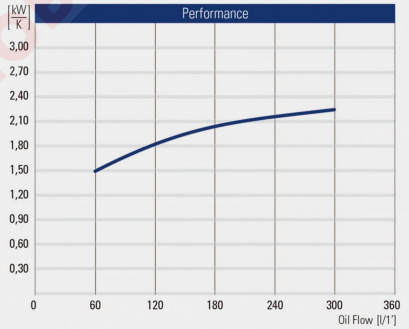
Oil : **ISO VG @ 40 °C**	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

KY 235

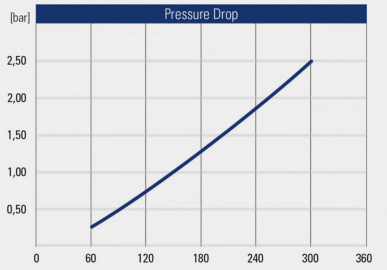


Technical information									
Type	Oil flow	Capacity	Voltage	Frequency	Current	Power	Fan Ø	Air flow	Noise Level
	l/1'	l	cm³/g	g/1'	l/1'	W	mm	m³/h	dB(A)
KY23505	60–300	34	17.5	1500	27	1700	630	15000	85
KY23506	60–300	34	–	–	–	–	630	–	–

KY23505–6



1 kW = 860 Kcal/h - 1 HP = 0,75 kW



Viscosity correction

Oil : **ISO VG @ 40 °C**	22	32	**46**	68	150
Correction factor	0,7	0,9	**1**	1,1	2

ПРОМЫШЛЕННАЯ И МОБИЛЬНАЯ ГИДРАВЛИКА