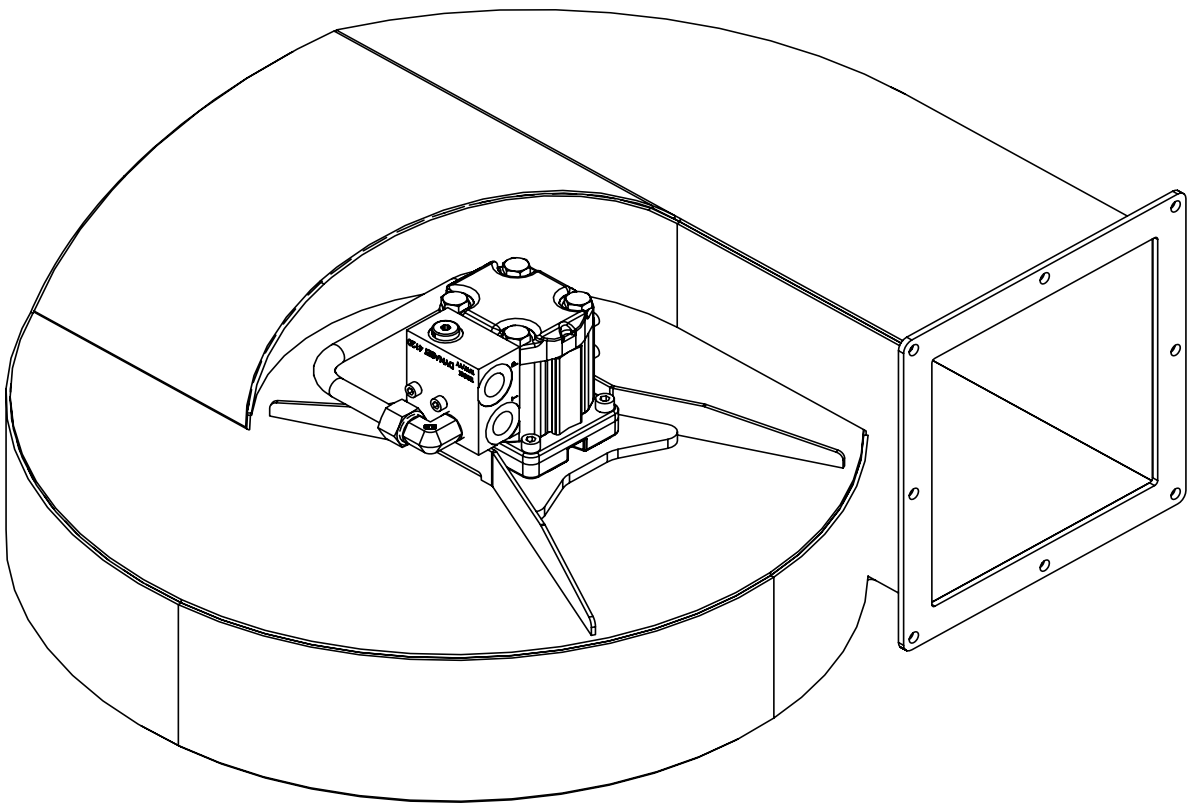




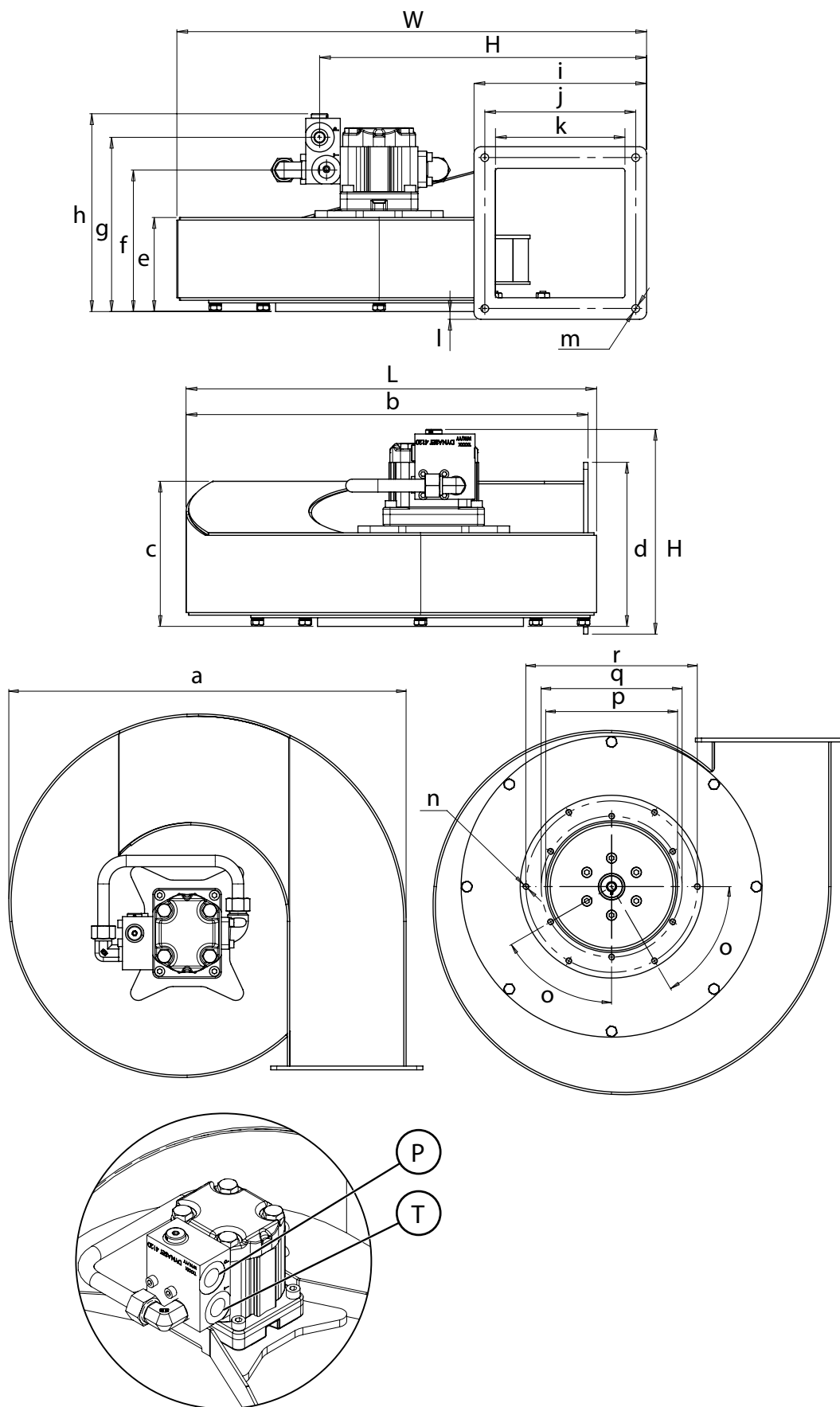
01/21
rev 1.0

DATA SHEET

HCF HYDRAULIC CENTRIFUGAL FAN



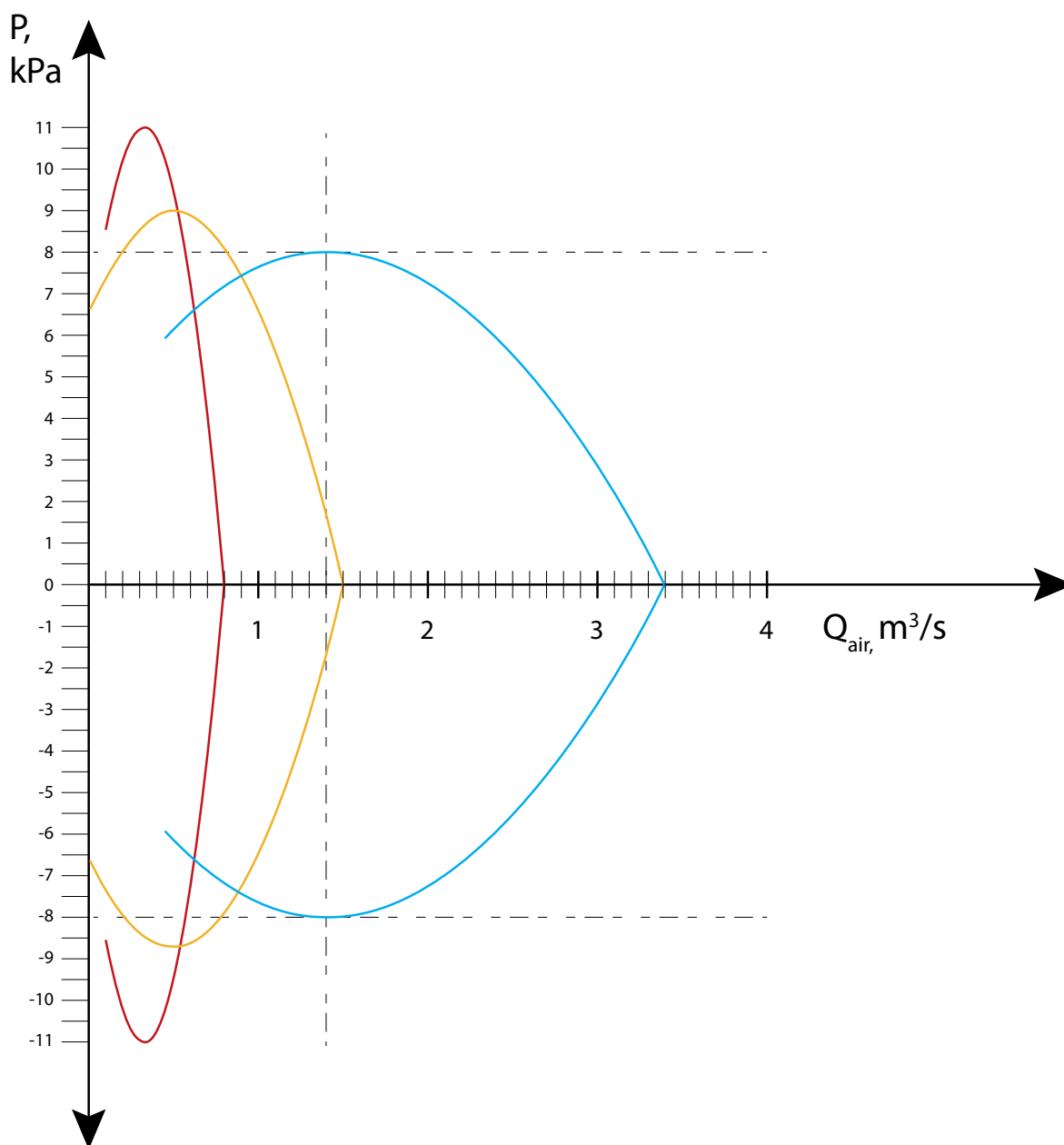
HCF-800-40
HCF-1500-50
HCF-3400-90



HCF MODEL		HCF-800-40	HCF-1500-50	HCF-3400-90
OUTPUT CHARACHTERISTICS				
Max air vacuum	kPA	-11	-9	-8
Max air flow	m^3/s	0,8	1,5	3,4
HYDRAULIC CONNECTION				
Pressure line P	P	BSPP 1/2"	BSPP 1/2"	BSPP 1/2"
Return line T	T	BSPP 1/2"	BSPP 1/2"	BSPP 1/2"
HYDRAULIC POWER REQUIREMENTS				
Flow max.	l/min (gpm)	40 (10.6)	50 (13.2)	90 (23.8)
Pressure max.	bar (psi)	150 (2200)	210 (2500)	250 (3600)
HYDRAULIC FLUID REQUIREMENTS				
Viscosity	cSt	10-200 / optimum 25-35		
Temperature	°C (°F)	max. 70 (158)*		
Filter ratio	um	25 or better		
DIMENSIONS				
L	mm (in)	373 (14.69)	478 (18.82)	635 (25.00)
W	mm (in)	426 (16.77)	544 (21.42)	738 (29.06)
H	mm (in)	206 (8.11)	238 (9.37)	284 (11.18)
a	mm (in)	406 (15.98)	522 (20.55)	713 (28.07)
b	mm (in)	363 (14.29)	468 (18.43)	613 (24.13)
c	mm (in)	129 (5.08)	169 (6.65)	239 (9.41)
d	mm (in)	148,5 (5.85)	191 (7.52)	263,5 (10.37)
e	mm (in)	87 (3.43)	109 (4.29)	144 (5.67)
f	mm (in)	133,9 (5.27)	164 (6.46)	206,8 (8.14)
g	mm (in)	172 (6.77)	202 (7.95)	244,8 (9.64)
h	mm (in)	199 (7.83)	229 (9.02)	272 (10.71)
i	mm (in)	155 (6.10)	200 (7.87)	275 (10.83)
j	mm (in)	135 (5.31)	175 (6.89)	255 (10.04)
k	mm (in)	110 (4.33)	150 (5.91)	220 (8.66)
l	mm (in)	6,5 (0.26)	9 (0.35)	11,5 (0.45)
m	Ø, mm ()	9 (0.35)	9 (0.35)	9 (0.35)
n		6x M8	12x M8	6x M8
o	α	60°	60°	60°
p	mm (in)	120 (4.72)	173 (6.81)	-
q	mm (in)	150 (5.91)	185 (7.28)	-
r	mm (in)	180 (7.09)	225 (8.86)	275 (10.83)
Weight	kg (lbs)	19 (42)	26 (57)	45 (99)

Gallons are U.S. liquid gallons.

* Depending on hydraulic oils



■ HCF 800

■ HCF 1500

■ HCF 3400



HCF HYDRAULIC CENTRIFUGAL FAN

DATA SHEET



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ELECTRICITY

HG Hydraulic Generator
HGV POWER BOX Variable Hydraulic Generator System
HGV Variable Hydraulic Generator System
HWG Hydraulic Welding Generator
HGG Hydraulic Ground Power Generator



HIGH PRESSURE WATER

HPW Hydraulic High Pressure Water Pump
HPW Hydraulic Power Washer
KPL High Pressure Street Washing Unit
HPW-DUST High Pressure Dust Suppression System
PPL High Pressure Pipe Cleaning Unit
HPW-FIRE High Pressure Firefighting System
FP Fire Fighting Piercing Kit
HDF Hydraulic Drilling Fluid Pump
JPL High Pressure Bin Washing System
HSP Hydraulic Submersible Pump



COMPRESSED AIR

HK Hydraulic Piston Compressor
HKL Hydraulic Rotary Vane Compressor
HKR Hydraulic Screw Compressor



VACUUM

HCF Hydraulic Centrifugal Fan
HRVB Hydraulic Recycling Vacuum Bucket



MAGNET POWER

HMG PRO Hydraulic Magnet Generator
MAG Lift Magnet
HMAG PRO Hydraulic Magnet



VIBRATION

HVB Hydraulic Vibration Pump
HVD Hydraulic Directional Vibra
HRC Hydraulic Reversal Cylinder



POWER BOOSTING

HPI Hydraulic Pressure Intensifier
HPI-C Hydraulic Pressure Intensifier for Cylinder



KNOW-HOW

Hydraulic Power Take-off (PTO)
Hydraulic Power Unit Technology
HEU Hydraulic Expansion Unit
HRU Hydraulic Rescue Units
De-Icing Technology
Installation Valves
HHK Hydraulic Grinder
HV/HVY Hydraulic Winch / Winch Unit

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