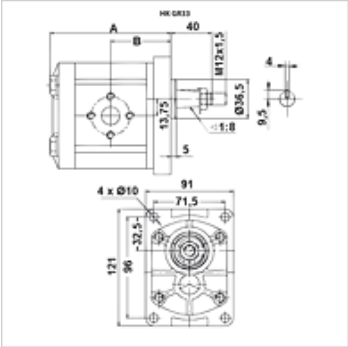
HK GR33

Gear pump, size 2, low noise

Properties

Design	low noise
Pitch circle pressure side	30 / M6
Pitch circle suction side	40 / M8
Material	Housing: Aluminium Front flange, end cover: Cast steel





Description

European standard pump – hole pattern 96.2 x 71.5 – dia. 36.5 – taper 1:8 – flange fitting

Due to the special tooth design these pumps achieve a significantly lower noise level. (By comparison: standard gear pump 65-75 dB; gear pump HK GR33 47-57 dB; values for speed range 500-3000 rev/min)

Ordering information

Further pump versions available on request

Item

Identification	VFU (cc)	p1 max. (bar)	p2 max. (bar)	p3 max. (bar)	A (mm)	B (mm)	Direction of rotation	Speed min. (rpm)	Speed max. (rpm)	Weight (kg)
HK GR33 2C 010 F2AC4 F D	10,0	275	280	300	122,5	53,7	clockwise rotating	500	3000	3,60
HK GR33 2C 013 F2AC4 F D	13,0	265	270	290	127,4	56,2	clockwise rotating	500	3000	3,80
HK GR33 2C 015 F2AC4 F D	15,0	240	250	270	132,4	58,7	clockwise rotating	500	3000	3,90
HK GR33 2C 018 F2AC4 F D	18,0	205	250	270	138,2	61,6	clockwise rotating	500	3000	4,00

VFU = conveying volume per revolution – p1 = continuous pressure – p2 = working pressure – p3 = maximum pressure

Accessories

WDA	Pump connection (3 hole), angle 90°
WDS	Pump connection (3 hole), angle 90°
F	Pump connection (4 hole)
FE	Pump connection (4 hole)

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