



# HIRTH



Order   
Request

## Air-cooled 2-Cylinder in-line engines

### Enginetype:

2702V		1-carburettor, 29,4 kW (40 HP) at 5500 rpm	<input type="checkbox"/>
2703V		1-carburettor, 38,2 kW (52 HP) at 6500 rpm	<input type="checkbox"/>
2703V		2-carburettor, 40,4 kW (55 HP) at 6200 rpm	<input type="checkbox"/>
3202V		2-carburettor, 40,4 kW (55 HP) at 5500 rpm	<input type="checkbox"/>
3202E		Injection, 40,4 kW (55 HP) at 5500 rpm	<input type="checkbox"/>
3203V		2-carburettor, 47,8 kW (65 HP) at 6300 rpm	<input type="checkbox"/>
3203E		Injection, 47,8 kW (65 HP) at 6300 rpm	<input type="checkbox"/>

Quantity: \_\_\_\_\_

Please use a separate form for each type of engine and specification (e.g. if you order two or more engines with different options on the next page). Take price for standard engine, the options and the accessories from our present price list.

### Client data:

Name: \_\_\_\_\_

Fon: \_\_\_\_\_

Company: \_\_\_\_\_

Fax: \_\_\_\_\_

Address: \_\_\_\_\_

Mail: \_\_\_\_\_

Country/City: \_\_\_\_\_



# Options

## Ignition:

(PVL, single ignition for ground operated carburetter engines: NipponDenso)

- Single ignition
- Dual ignition

## Starter arrangement:

- Without any starter (no geared ring for electric starter)
- With recoil starter (series)
- Additional preparation for electric starter (different magnet wheel with geared ring)
- With electric starter (inclusive starter relay)
- With recoil and electric starter (inclusive starter relay):

## Cooling:

- Fan cooled (recommended for push arrangements)
- Free Air

## Exhaust system:

See information for exhaust system: Hirth-Informationen 0060

- Layout 1 - straight
- Layout 2 - 90°
- Layout 3 - 180°
- Alternative: Layout according to Hirth-Information: \_\_\_\_\_
- Exhaust manifold with connection for EGT
- Rear silencer

## Extras:

- Separate lubrication (only possible with recoil starter)
- Propeller flange for direct drive (instead of gear box, hole circle 75/100mm)
- Throttle valve of the injection system completely opened in position of rest

## Belt drive G23/G27:

(not for engine 3203)

Reduction gear ratio	1,8:1 <input type="checkbox"/>	2,0:1 <input type="checkbox"/>	2,5:1* <input type="checkbox"/>
Arrangement of the belt drive	standing <input type="checkbox"/> / <input type="checkbox"/> hanging		

\*) not for engine 3202

## Gear box G50:

(reverses the direction of rotation)

Reduction gear ratio	2,16:1 <input type="checkbox"/>	2,29:1 <input type="checkbox"/>	2,59:1 <input type="checkbox"/>	3,16:1 <input type="checkbox"/>	3,65:1 <input type="checkbox"/>
Connection to the engine	rubber damper <input type="checkbox"/> / <input type="checkbox"/> centrifugal clutch				
Arrangement of the gear box	standing <input type="checkbox"/> / <input type="checkbox"/> hanging				

# Accessories

Accessories:			Quantity:
Battery	start performance 625 A for 5 seconds		_____
BlueMax 2-stroke Oil	up to mixture ratio 1:100, notice technical description		←
	1 liter: _____	5 liter: _____	
Bowden cable splitter	2 in 1, only for 2-carburettor engines		_____
Tachometer	analog, Ø52mm round		_____
	digital, rectangular with operation hour meter		_____
Potentiometer for mixture enrichment	only for engines with injection systems		_____
Fuel pressure monitor			_____
Fuel filter	only for carburettor engines, included in injection system		_____
Engine mounting	tear-off proof, 4xM12		_____
Engine screwing	length: 30mm _____; 50mm _____; 70mm _____; 100mm _____		←
Oil tank	only for engines with separate lubrication		_____
Primer pump			_____
Propeller	Göbler-Hirthmotoren recommends „Helix“: Info@helix-propeller.de Informationen on <a href="http://www.helix-propeller.de">www.helix-propeller.de</a>		
Software interface	for reading data and set up programs, only for engines with injection system		_____
Temperature monitoring	analog, Ø52mm round with two displays for cylinder head temperature, complete with sensors and cables		_____
	analog, Ø52mm round with two displays for exhaust gas temperature, complete with sensors and cables		_____
	analog, Ø52mm round with one display for cylinder head and one display for exhaust gas temperature, complete with sensors and cables (one instrument for each cylinder is needed)		_____
	digital, rectangular, Hirth engine monitoring (notice technical description)		_____
Ignition switch			_____

## Special request:

(must be arranged with technical department first)

Included in delivery

fuel pump  
air filter  
one exhaust system

In the following we would like to ask you for some information on the planned use of the engine:

Engine use (e.g. type of aircraft):

Mounting (push or pull version, upside down, vertical,...):

Additional notes (e.g. type of prop):

\_\_\_\_\_

place/date

\_\_\_\_\_

signature/company stamp

Thank you for your order or request, we will send you our confirmation within short time. Please mark on the first page if this is an order or a request.

### **Delivery time**

On account of the job-oriented production the delivery time for standard engines is 4-6 weeks and for special constructions possibly longer.

If you have any questions please feel free to contact us at the numbers listed below. If you have questions for the sale, please contact the following number: : 07144/8551-12.

