

▼ Shown: ZG5420MX-R



- Features Z-Class high efficiency pump design, higher oil flow and bypass pressure
- Two-speed operation reduces cycle time for improved productivity
- User adjustable relief valve built-in on manual valves. Oil ports on valves are 3/8" NPTF
- Available in two, 4-cycle engine sizes: 4,1 kW Honda and 4,8 kW Briggs & Stratton
- Full sight oil level glass on all reservoirs allow quick and easy oil level monitoring.

Z CLASS

Tough, Dependable,
Innovative



Speed Chart

To determine how a specific pump will operate your cylinder, see the Pump-Cylinder Speed Chart in the 'Yellow Pages'.

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ZG-Series, Gasoline Pump Performance

Elevation can affect the performance of any gasoline engine. ZG-Series pumps are designed to develop rated performance at elevations up to 1500 m.

For applications above this elevation, please consult your Enerpac office.



User Adjustable Relief Valve

All VM-Series directional valves have a user adjustable relief valve to allow the operator to easily set the optimum working pressure.

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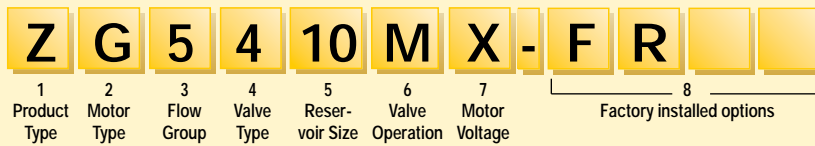
▼ SELECTION CHART

Used with Cylinder	Usable Oil Capacity (litres)	Manual Valve ¹⁾ Model Number	Valve Function	Model Number with Roll Bar	Output Flow Rate (l/min)				4-Cycle Engine Type and Size
					at 7 bar	at 50 bar	at 350 bar	at 700 bar	
Single-Acting	10	VM33	Advance/Hold/Retract	ZG5310MX-R	11,5	10,7	1,8	1,6	Honda 4,1 kW
	20	VM33	Advance/Hold/Retract	ZG5320MX-R	11,5	10,7	1,8	1,6	
Double-Acting	10	VM43	Advance/Hold/Retract	ZG5410MX-R	11,5	10,7	1,8	1,6	
	20	VM43	Advance/Hold/Retract	ZG5420MX-R	11,5	10,7	1,8	1,6	
Single-Acting	10	VM33	Advance/Hold/Retract	ZG5310MX-BR	6,5	6,2	1,8	1,6	Briggs & Stratton 4,8 kW
	20	VM33	Advance/Hold/Retract	ZG5320MX-BR	6,5	6,2	1,8	1,6	
Double-Acting	10	VM43	Advance/Hold/Retract	ZG5410MX-BR	6,5	6,2	1,8	1,6	
	20	VM43	Advance/Hold/Retract	ZG5420MX-BR	6,5	6,2	1,8	1,6	
	40	VM43L	Advance/Hold/Retract	ZG5840MX-BR	6,5	6,2	1,8	1,6	

¹⁾ See pages 137-141 for hydraulic symbols of these valves.

Gasoline Hydraulic Pumps

▼ This is how a ZG-Series pump model number is built up:



1 Product Type

Z = Pump Class

2 Prime Mover

G = Gasoline Engine

3 Flow Group

5 = 1,64 l/min @ 700 bar

4 Valve Type

- 0 = No valve, with coverplate ¹⁾
 - 2 = 3/2 manual valve VM32
 - 3 = 3/3 manual valve VM33
 - 4 = 4/3 manual valve VM43
 - 6 = 3/3 manual locking valve VM33L with pilot operated check
 - 8 = 4/3 manual locking valve VM43L with pilot operated check.
- ¹⁾ For remote valve mounting order BSS1090 high pressure connecting plate.

5 Reservoir Size, useable oil

- 10 = 10 litres
- 20 = 20 litres
- 40 = 40 litres

6 Valve Operation

- M = Manual valve
- N = No valve

7 Motor Voltage

- X = Not applicable

8 Factory installed options

- B = 4,8 kW Briggs & Stratton gasoline engine
- F = Return Line Filter
- G = 1000 bar gauge
- N = No reservoir handles (includes lifting eyes on 10, 20 and 40 litres)
- R = Roll Bars

Ordering Example

Model Number: **ZG5420MX-FR**
 This is a 700 bar hydraulic pump, with a 4/3 manual valve, 20 litres reservoir, with a 4,1 kW Honda gasoline engine pump, return line filter and roll bar.

ZG5 Series



Reservoir Capacity:

10 - 20 - 40 litres

Flow at Rated Pressure:

1,64 l/min

Engine Size:

4,1 - 4,8 kW

Maximum Operating Pressure:

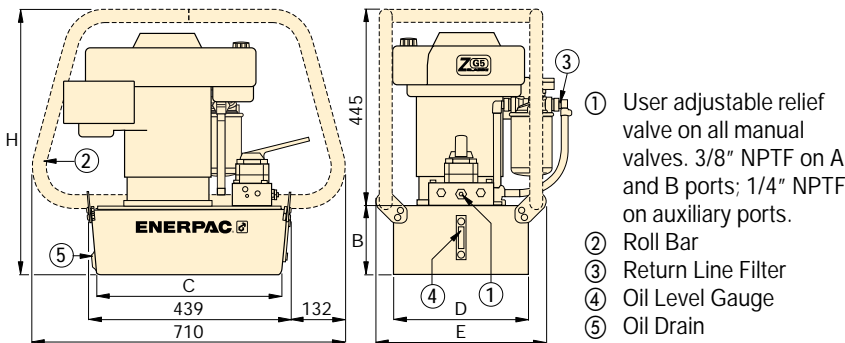
700 bar



High Pressure Hoses

Enerpac offers a complete line of high quality hydraulic hoses. To ensure the integrity of your system, specify only genuine Enerpac hydraulic hoses.

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Relief Valve Adjustment Range (bar)	Sound Level (dBA)	Dimensions (mm)						Model Number with Roll Bar
		B	C	D	E	H	(kg)	
70 - 700	88 - 93	155	419	305	384	600	52	ZG5310MX-R
70 - 700	88 - 93	180	414	421	500	625	64	ZG5320MX-R
70 - 700	88 - 93	155	419	305	384	600	52	ZG5410MX-R
70 - 700	88 - 93	180	414	421	500	625	64	ZG5420MX-R
70 - 700	91 - 95	155	419	305	384	600	50	ZG5310MX-BR
70 - 700	91 - 95	180	414	421	500	625	63	ZG5320MX-BR
70 - 700	91 - 95	155	419	305	384	600	50	ZG5410MX-BR
70 - 700	91 - 95	180	414	421	500	625	63	ZG5420MX-BR
70 - 700	91 - 95	269	399	505	557	714	86	ZG5840MX-BR

