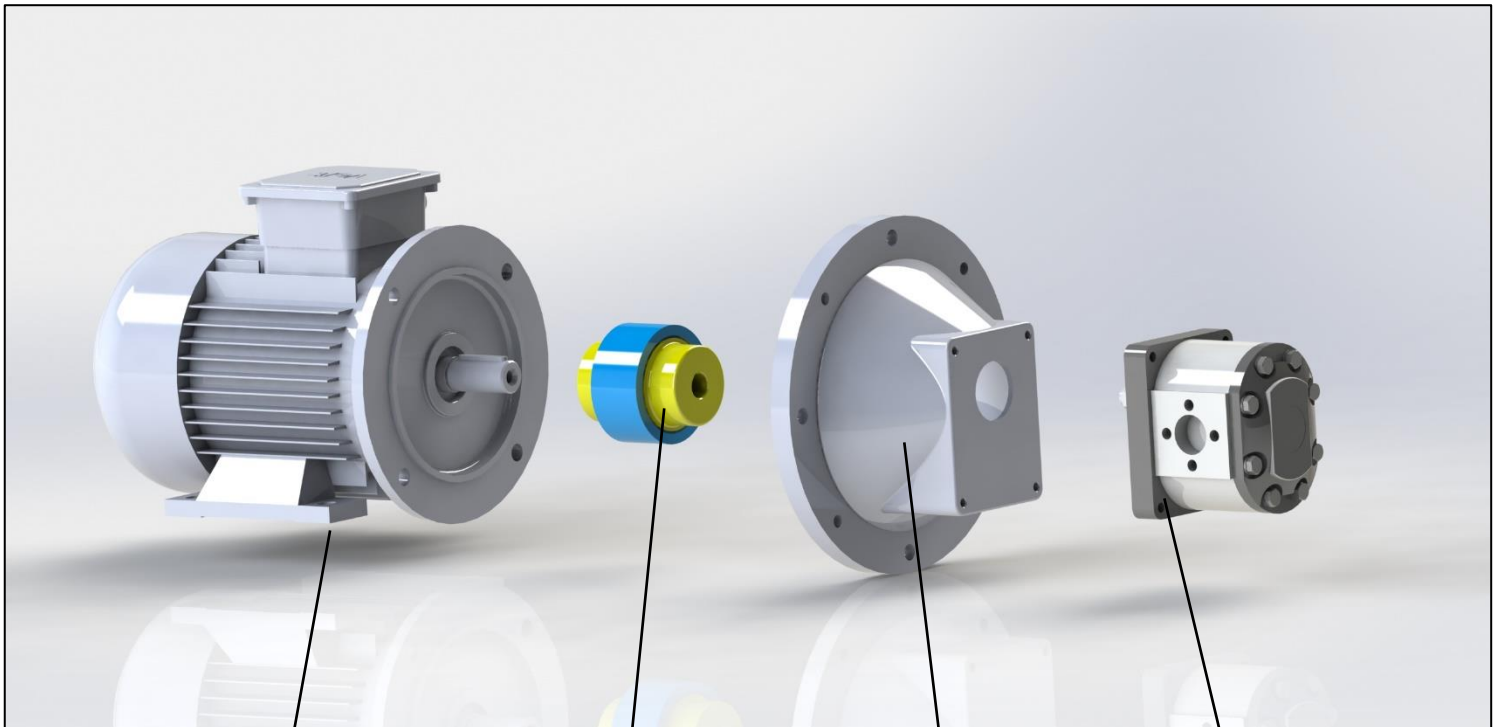


INDUSTRIAL POWER UNIT SELECTION WITH GROUP 30 PUMPS

- In this supporting document, selection guide for standard power pack is specified.



Electric motor

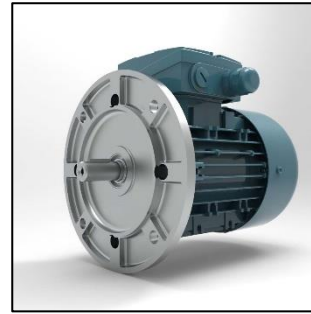
Elastic coupling

Bellhousing

Hydraulic pump

1. ELECTRIC MOTOR (STEP 1)

- Electric motors are 4 poles and have B35 configuration (with feet) as standard. Please contact us for other options.


B35 type

B5 type

Code	Power	Voltage	Flange diameter	Shaft diameter	Frame size	Assembly
AC3V-0.75-1500-B35	0.75 kW	380 V, three phase, 50 Hz, 4 poles	200 mm	19 mm	80	B35
AC3V-1.1-1500-B35	1.1 kW		200 mm	24 mm	90S	
AC3V-1.5-1500-B35	1.5 kW		200 mm	24 mm	90L	
AC3V-2.2-1500-B35	2.2 kW		250 mm	28 mm	100	
AC3V-3-1500-B35	3 kW		250 mm	28 mm	100	
AC3V-4-1500-B35	4 kW		250 mm	28 mm	112	
AC3V-5.5-1500-B35	5.5 kW		300 mm	38 mm	132S	
AC3V-7.5-1500-B35	7.5 kW		300 mm	38 mm	132M	
AC3V-11-1500-B35	11 kW		350 mm	42 mm	160M	
AC3V-15-1500-B35	15 kW		350 mm	42 mm	160L	
AC3V-18.5-1500-B35	18.5 kW		350 mm	48 mm	180M	
AC3V-22-1500-B35	22 kW		350 mm	48 mm	180L	
AC3V-30-1500-B35	30 kW		400 mm	55 mm	200L	
AC3V-37-1500-B35	37 kW		450 mm	60 mm	225S	
AC3V-45-1500-B35	45 kW	450 mm	60 mm	225M		

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AC1V-0.25-1500-B35	0.25 kW	220 V, mono phase, 50 Hz, 4 poles	160 mm	14 mm	71
AC1V-0.37-1500-B35	0.37 kW		200 mm	19 mm	80
AC1V-0.55-1500-B35	0.55 kW		200 mm	19 mm	80
AC1V-0.75-1500-B35	0.75 kW		200 mm	19 mm	80
AC1V-1.1-1500-B35	1.1 kW		200 mm	24 mm	90Sa
AC1V-1.5-1500-B35	1.5 kW		200 mm	24 mm	90L
AC1V-2.2-1500-B35	2.2 kW		250 mm	28 mm	100
AC1V-3-1500-B35	3 kW		250 mm	28 mm	100

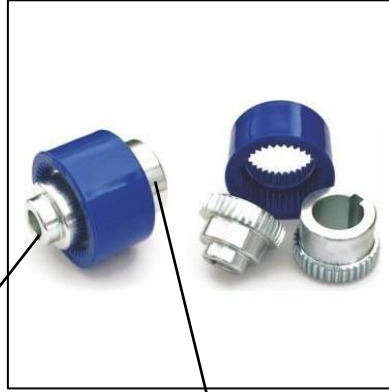
2. BELLHOUSING (STEP 2)

- Bellhousings are selected according to electric motor frame and hydraulic pump. Group 30 pumps have 4 bolt rectangular flange as standard.

Code	Flange diameter	Pump group
2K-200	200 mm	Group 30 pumps
2K-250	250 mm	
2K-300	300 mm	
2K-350	350 mm	
2K-400	400 mm	
2K-450	450 mm	

3. ELASTIC COUPLING (STEP 3)

- Processed elastic couplings are selected according to electric motor shaft and pump group. Both sides of the coupling are machined.



Gear pump shaft side

Electric motor shaft side

Ordering example: 42DÇ-2P-38

42DÇ: Model

2P: Group 30 pump

38: Electric motor shaft diameter

Code	Pump group	Available motor shaft diameter
14DÇ	Group 30	14 mm
24DÇ		14, 19, 24 mm
28DÇ		14, 19, 24, 28 mm
32DÇ		19, 24, 28 mm
38DÇ		24, 28, 38 mm
42DÇ		24, 28, 38, 42 mm
48DÇ		28, 38, 42, 48 mm
55DÇ		38, 42, 48, 55 mm
60DÇ		42, 48, 55, 60 mm

4. HYDRAULIC PUMP (STEP 4)

Code	Displacement [cc/rev]	Port configuration
A/C43XH	20	Flanged ports
A/C54XH	25	
A/C72XH	32.7	
A/C94XH	42.7	



- **Rotation from shaft view:** A: Anti-clockwise, C: Clockwise

Code	Displacement [cc/rev]	Port configuration
H30A/C20X146H	20	Flanged ports
H30A/C22.5X146H	22.5	
H30A/C25X146H	25	
H30A/C28X146H	28	
H30A/C32X146H	32	
H30A/C36X146H	36	
H30A/C42X146H	42	
H30A/C46X146H	46	
H30A/C50X146H	50	
H30A/C55X146H	55	
H30A/C60X146H	60	



- **Rotation from shaft view:** A: Anti-clockwise, C: Clockwise

Code	Displacement [cc/rev]	Port configuration
H30A/C20X163G	20	BSP threaded ports
H30A/C22.5X163G	22.5	
H30A/C25X163G	25	
H30A/C28X163G	28	
H30A/C32X163G	32	
H30A/C36X163G	36	
H30A/C42X163G	42	
H30A/C46X163G	46	
H30A/C50X163G	50	
H30A/C55X163G	55	
H30A/C60X163G	60	



- **Rotation from shaft view:** A: Anti-clockwise, C: Clockwise
- For Metric ports please contact us.

5. PUMP FLANGES (STEP 5) – OPTIONAL

Code	Center diameter	Type	Thread
Q 40/40	40 mm	Straight	G 1/2"
Q 40/51	40 / 51 mm	Straight	G 3/4"



Code	Center diameter	Type	Thread
Q 40/40 90	40 mm	Straight	G 1/2"
Q 40/51 90	40 / 51 mm	Straight	G 3/4"

