KAPPA COMPACT series

Gear pumps and motors made of cast iron in two pieces. A rigid and compact structure that makes it possible to incorporate a number of functions in a limited space. The reduced dimensions as well as a large variety of drive shafts, mounting flanges and ports ensure great flexibility in the “Compact” line.
Wide range of displacements: from 19,00 cm^3/rev (1.16 in^3/rev) to 150,79 cm^3/rev (9.20 in^3/rev) available in groups 25, 30, 35 and 40.
Max. peak pressure up to 325 bar (4700 psi).
Max. speed up to 3500 min^{-1}.



Features

- High operating pressures
- Low noise emission
- Exceptional working life expectancy
- Solid and compact design
- Custom design

Optional built-in valves

- Antishock and anticavitation valves
- Priority valves
- Load Sensing priority valves
- By pass electric valves

Main characteristics

	Displacement	Rated pressure (◆)	Max. speed
KAPPA compact 25	cm^3/rev (in^3/rev)	bar (psi)	min^{-1}
KP25•19	19,00 (1.16)	300 (4350)	3500
KP25•21	21,07 (1.29)	300 (4350)	3500
KP25•23	23,06 (1.41)	300 (4350)	3500
KP25•25	25,04 (1.53)	300 (4350)	3500
KP25•27	27,03 (1.65)	300 (4350)	3500
KP25•31	31,09 (1.90)	290 (4025)	3000
KP25•34	34,03 (2.08)	290 (4025)	3000
KP25•38	38,00 (2.32)	260 (3770)	3000
KP25•43	43,01 (2.62)	230 (3335)	3000

KAPPA compact 30	cm^3/rev (in^3/rev)	bar (psi)	min^{-1}
K.30•22	21,99 (1.34)	300 (4350)	3000
K.30•27	26,70 (1.63)	300 (4350)	3000
K.30•31	30,63 (1.87)	300 (4350)	3000
K.30•34	34,56 (2.11)	300 (4350)	3000
K.30•38	39,27 (2.40)	300 (4350)	3000
K.30•41	41,62 (2.54)	300 (4350)	3000
K.30•43	43,98 (2.68)	300 (4350)	3000
K.30•46	46,34 (2.83)	300 (4350)	3000
K.30•51	51,83 (3.16)	290 (4205)	2500
K.30•56	56,54 (3.45)	280 (4060)	2500
K.30•61	61,26 (3.74)	260 (3770)	2500
K.30•73	73,82 (4.50)	250 (3625)	2500
K.30•82	81,68 (4.98)	230 (3335)	2500

KAPPA compact 35	cm^3/rev (in^3/rev)	bar (psi)	min^{-1}
KP35•63	63,88 (3.90)	275 (3988)	3000
KP35•71	72,40 (4.42)	275 (3988)	3000
KP35•80	80,91 (4.94)	275 (3988)	3000
KP35•90	91,56 (5.59)	260 (3770)	2500
KP35•100	100,08 (6.10)	260 (3770)	2500

KAPPA compact 40	cm^3/rev (in^3/rev)	bar (psi)	min^{-1}
K.40•63	61,43 (3.75)	260 (3770)	2800
K.40•73	72,60 (4.43)	260 (3770)	2800
K.40•87	86,56 (5.28)	260 (3770)	2800
K.40•109	108,90 (6.64)	250 (3625)	2800
K.40•121	121,80 (7.43)	230 (3335)	2500
K.40•133	134,03 (8.18)	220 (3190)	2500
K.40•151	150,79 (9.20)	210 (3045)	2500

(◆) Values refer to unidirectional pumps and motors. For reversible rotation please see the respective technical catalogue.

NOTES
K. : KP = pump / KM = motor