



DANFOSS Axial piston pump 420

Characteristics

Mounting flange: SAE-C 4 bolts

Drive shaft: Spline 15 teeth 16/32 SAE BB

Execution (single/tandem): Single

Type: Axial piston pump

Position oil ports: Side

Seal material: Viton®

Shaft seal type: Standard

Displacement cm³/r	Direction of rotation	Pump control	Max. operating pressure bar	Inlet port	Outlet port	Options	Throughdrive possibility	Drain port	Code	Article
49,2	Counterclock- wise	Pressure control	280	SAE 3000 psi 2"	SAE 3000 psi 1 "	Stroke limiter		1.1/16-12 UNF female	421AK00933B	12590505
41,0	Clockwise	Pressure control	280	SAE 3000 psi 2"	SAE 3000 psi 1 "	Stroke limiter	spline 13 teeth 16/32 SAE B	1.1/16-12 UNF female	421AK00823B	12590500
49,2	Clockwise	Load-Sensing control	280	SAE 3000 psi 2"	SAE 3000 psi 1 "	Stroke limiter		M27x2 female	421AK01745C	12590508
62,3	Counterclock- wise	Load-Sensing control	280	SAE 3000 psi 2"	SAE 3000 psi 1 "			1.1/16-12 UNF female	421AK00660B	12590515
62,3	Counterclock- wise	Load-Sensing control	280	SAE 3000 psi 2"	SAE 3000 psi 1 "			1.1/16-12 UNF female	421AK00129B	11473006
49,2	Clockwise	Load-Sensing control	280	SAE 3000 psi 2"	SAE 3000 psi 1 "			1.1/16-12 UNF female	421AK00183B	12590513
49,2	Counterclock- wise	Load-Sensing control	280	SAE 3000 psi 2"	SAE 3000 psi 1 "	Stroke limiter, bleed down orifice	spline 13 teeth 16/32 SAE B	1.1/16-12 UNF female	421AK01222B	12590512
62,3	Clockwise	Load-Sensing control	280	SAE 3000 psi 2"	SAE 3000 psi 1 "	Stroke limiter		M27x2 female	421AK01748B	12590520
62,3	Clockwise	Load-Sensing control	280	SAE 3000 psi 2"	SAE 3000 psi 1 "		spline 9 teeth 16/32 SAE-A	1.1/16-12 UNF female	421AK00976B	12590516
62,3	Clockwise	Load-Sensing control	280	SAE 3000 psi 2"	SAE 3000 psi 1 "		spline 13 teeth 16/32 SAE B	1.1/16-12 UNF female	421AK00024B	12590517
80,0	Clockwise	Load-Sensing control	210	SAE 3000 psi 2"	SAE 3000 psi 1 "		spline 9 teeth 16/32 SAE-A	M27x2 female	421AK01866B	12701706

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