

FILTER SELECTION GUIDE

The following is a guide to selecting a suitable filter to meet the needs of your hydraulic application.

Degree of Filtration No.	Filtering Media	µm	"B"ratio	Efficiency
FG003	Microfibre Glass	3	B3>200	99.5%
FG006	Microfibre Glass	6	B6>200	99.5%
FG010	Microfibre Glass	10	B10>200	99.5%
FG025	Microfibre Glass	25	B25>200	99.5%
SP010	Cellulose	10	B10>2	50%
SP025	Cellulose	25	B25>2	50%
RP010	Reinforced Cellulose	10	B10>2	50%
RP025	Reinforced Cellulose	25	B25>2	50%
MS090	Steel Wire Mesh	90	B90>2	50%

Component	Use	Pressure bar	Standard ISO4406:1999	Degree of Filtration No.
Gear Pumps & Motors	Occasional	0 to 140	22/20/17	RP/SP025
		140 to 210	21/19/16	RP/SP025 - FG025
		210 +	21/19/16	RP/SP025 - FG025
	Continuous	0 to 140	21/19/16	RP/SP010 - FG025
		140 to 210	20/18/15	FG010
		210 +	19/17/14	FG010
Piston Pumps and Motors	Occasional	0 to 140	20/18/15	RP/SP010- FG025
		140 to 210	20/18/15	RP/SP010 - FG025
		210 +	19/17/14	FG010
	Continuous	0 to 140	19/17/14	FG010
		140 to 210	19/17/14	FG010
		210 +	18/16/13	FG006 - FG010
Vane Pumps & Motors	Occasional	0 to 140	22/20/17	RP/SP025
		140 to 210	21/19/16	RP/SP010 - FG025
		210 +	21/19/16	RP/SP010 - FG025
	Continuous	0 to 140	21/19/16	RP/SP010 - FG025
		140 to 210	20/18/15	FG010
		210 +	19/17/14	FG010
High Torque Low Speed Torqmotors	Occasional	0 to 140	22/20/17	RP/SP025
		140 to 210	21/19/16	RP/SP010 - FG025
		210 +	21/19/16	RP/SP010 - FG025
	Continuous	0 to 140	21/19/16	RP/SP010 - FG025
		140 to 210	20/18/15	FG010
		210 +	20/18/15	FG010
Relief & Flow Control Valves	Manual	0 to 210	22/20/17	RP/SP025
		210 +	21/19/16	RP/SP010 - FG025
	Electric	0 to 420	20/18/15	FG010
Directional Control Valves	Manual	0 to 140	22/20/17	RP/SP025
		140 to 210	21/19/16	RP/SP025 - FG025
		210 +	21/19/16	RP/SP025 - FG025
	Electric	0 - 420	20/18/15	FG010
Pilot Control Valves		0 to 50	20/18/15	FG010
Cylinders		0 - 210	22/20/17	RP/SP025
		210 +	21/19/16	RP/SP010
Loadsensing Valves		0 to 210	17/15/12	FG006
		210 +	16/14/11	FG003
Servo Valves		0 to 210	17/15/12	FG006
		210 +	16/14/11	FG003