

PUMP DESIGNATION

Suction & Discharge	Size	Check Valve	Wetted Part	Diaphragm	Ball	Seat
1/4" x 1/4", NPT	KDP-02	Ball = B		Teflon PTFE = T	Teflon PTFE = T	Teflon PTFE = T
3/8" x 3/8", NPT	KDP-03	Flap = F	Polipropilene = P	NA	NA	Polipropilene = P
1/2" x 1/2", NPT	KDP-05		PVDF = K	NA	NA	PVDF = K
1" x 1", NPT	KDP-10		Aluminium = A	NA	NA	NA
1-1/2" x 1-1/2", NPT or ANSI	KDP-15		Stainless Steel 316 = S	NA	Stainless Steel 316 = S	Stainless Steel 316 = S
2" x 2", ANSI	KDP-20			Neoprene = N	Neoprene = N	Neoprene = N
3" x 3", ANSI	KDP-30			Buna = B	Buna = B	Buna = B
				Santoprene = F	Santoprene = F	Santoprene = F
				Viton = V	Viton = V	Viton = V
				Hytrek = H	Hytrek = H	Hytrek = H

MODEL EXAMPLE

MODEL	Size	Check Valve Kind	Housing Materials, Wetted Part	Diaphragm	Ball	Seat
KDP-10BPTTT	KDP-10	B	P	T	T	T

MATERIAL TEMPERATURE LIMITATION

Viton	-40°F (-40°C)—350°F (176.6°C)
PTFE □ Teflon	40°F (4.4°C)—350°F (176.6°C)
Santoprene	-20°F (-28.9°C)—220°F (104.4°C)
Hytrek	-20°F (-28.9°C)—220°F (104.4°C)
Polethylene	0°F (-17.7°C)—140°F (60°C)
Leather	0°F (-17.7°C)—200°F (93.3°C)
Neoprene	0°F (-17.7°C)—212°F (100°C)
Buna—N	-40°F (-40°C)—250°F (121.6°C)
Polyumthane	-40°F (-40°C)—200°F (93.3°C)
Fluid--cavity □	
Acetal & PP	40°F (4.4°C) □ 150°F (65.5°C)