

# ▶ Variable area flowmeters portfolio



		DK46/800/47/48	VA40	DK32/34	DK37	H250 M40 Low Flow	H250 M40		
Cone material		Glass (borosilicate)	Glass (borosilicate)	Metal 1.4404/316L, 1.4401/316, Hastelloy®, Inconel®, Monel®, Titanium	Metal 1.4404/316L, 1.4401/316, Hastelloy®, Inconel®, Monel®, Titanium	Metal 1.4404/316L, 1.4401/316, Hastelloy®	Metal 1.4404/316L, 1.4401/316, Hastelloy®, Inconel®, Monel®, 6Mo, Titanium		Cone material
Full scale flow rate for liquids	120000 10000 250 150 20 1.5 0.5							32000 2650 67 40 5 0.4 0.1	Full scale flow rate for liquids  GPM
Full scale flow rate for gases	2800 310 8 5 0.7 0.016 0.005							100000 11000 300 175 20 0.6 0.2	Full scale flow rate for gases  SCFH
Operating temperature	+300 +200 +150 +100 0 -40 -200							+572 +392 +302 +212 +32 -40 -328	Operating temperature  °F
Operating pressure	1000 400 130 10 0							15000 5800 1885 145 0	Operating pressure  psig
Accuracy	VDI 3513-2 Full scale	4.0/2.5/2.5/1.0 % MV 3.0/2.0/2.0/1.0 % FS	1.0 % MV 1.0 % FS	4.0 % MV 3.0 % FS	2.5 % MV 2.0 % FS	2.5 % MV 2.0 % FS	1.6 % MV 1.5 % FS	VDI 3513-2 Full scale	Accuracy
Performance	Local indicator	Yes	Yes	Yes	Yes	Yes	Yes	Local indicator	Performance
	Valve	Yes	Optionally attached	Yes	Yes	Optionally attached	Optionally attached	Valve	
	Flow regulator	Yes		Yes	Yes			Flow regulator	
	Flow switch	Yes	Yes	Yes	Yes	Yes	Yes	Flow switch	
	Analogue 4...20 mA		from DN25 / 1" up	Yes	Yes	Yes	Yes	Analogue 4...20 mA	
	Digital interface			HART® 7	HART® 5	HART® 7, FF ITK 6, Profibus PA 3.02	HART® 7, FF ITK 6, Profibus PA 3.02	Digital interface	
	SIL	SIL 2 for switches	SIL 2 for switches	SIL 2 for switches	SIL 2 for switches		SIL 2 for switches SIL 1 for 4...20mA	SIL	
Ex	ATEX	ATEX	International approvals	International approvals	International approvals	International approvals	Ex		

■ Standard    ▨ Optional



Visit [krohne.link/variable-area-en](http://krohne.link/variable-area-en) to learn more about KROHNE VA portfolio



Further innovations from the portfolio of variable area flowmeters: [krohne.com/va-news](http://krohne.com/va-news)

