

FLAMEPROOF COMPRESSOR



Flameproof (explosion protected) Oil flooded Rotary Screw Compressors

Manufacturer of Flameproof (explosion protected)
oil-flooded rotary screw compressors.

Volume flow ranges from 100 cfm (18kW) to 750 cfm (160kW).

Pressure ranges from 4bar to 12 bar.

Features include: Energy efficient, Low noise level,
Durable and robust.

Compressors are certified "Explosion Protected", suitable for use in hazardous environments, fault categories and hazard occurrence frequencies as stated below, all as determined during tests and inspections conducted in accordance with the relevant requirements of SANS Specification no:

* We also refurbish your old Flameproof to the below specification:

SANS (IEC) 60079-0 : 2012	"Explosive atmospheres- Part 0: Equipment— General requirements"
SANS (IEC) 60079-1 : 2015	"Explosive atmospheres- Part 1: Equipment protection by flameproof enclosures 'd'"
SANS (IEC) 60079-11 : 2012	"Explosive atmospheres- Part 11: Equipment protection by intrinsic safety 'i'"
SANS (IEC) 10086-2 : 2013	"The installation, inspection and maintenance of equipment used in explosive atmospheres- Part 2: Electrical equipment installed underground in mines"



Model	Air delivery /Working pressure				Motor power	Cooling air volume	connect pipe diam.	Dimension(mm)	Weight
	m3/min/bar				KW	m3/min			Kg
18-FP	3.1/7	2.9/8	2.7/10	2.3/12.5	18.5	110	1"	1200*880*1450	620
22-FP	3.8/7	3.6/8	3.2/10	2.5/12.5	22	110	1"	1200*880*1450	640
30-FP	5.3/7	5.0/8	4.3/10	3.6/12.5	30	145	1 1/4"	1250*1000*1360	900
37-FP	6.6/7	6.2/8	5.7/10	4.6/12.5	37	145	1 1/4"	1350*1000*1640	1060
45-FP	8.0/7	7.7/8	6.9/10	6.0/12.5	45	185	1 1/2"	1300*1000*1470	1150
55-FP	10.5/7	9.8/8	8.7/10	7.3/12.5	55	220	2"	1950*1320*1570	1750
75-FP	13.6/7	13.0/8	11.3/10	10.1/12.5	75	250	2"	1950*1320*1570	1840
90-FP	16.2/7	15.4/8	13.2/10	11.2/12.5	90	270	2"	2100*1320*1700	2030
110-FP	20.8/7	19.5/8	16.5/10	13.7/13	110	300	DN65	2545*1450*1900	2920
132-FP	24/7	23/8	20/10	15.5/13	132	340	DN65	2545*1450*1900	3200
160-FP	27.8/7	26/8	23.5/10	19.5/13	160	380	DN65	2790*1550*2000	3600