

SC series Compressors

Besides the slurry tank decompressors development, these alternative sliding vane compressors are suitably employed for the self-propelled sprinkler pipe emptying.

On request, it could be outfit of high thermal resistance vanes.

A oil-bath twin-gear multiplier increases the rotary motion of the motor power takeoff (PTO 540 RPM).

Automatic standard drop-feed lubrication; on request it is supplied the force-feed lubrication system through a gear type oil pump.



TECHNICAL DESCRIPTION	FMDV SC	FMS SC	FS SC	AM SC
CAPACITY MAX Lt/min	6.500	8.500	10.500	13.500
TRACTOR NOMINAL POWER hp - KW	40-50 29-36	50-60 36-43	60-90 43-65	90-120 65-90
REVS. PTO RPM	540	540	540	540
MAX PRESSION Bar	4	4	4	4
TRASMISSION GEAR	1/2,42	1/2,42	1/2	1/2
ABSORBED POWER PRESSION MAX KW	25	30	45	65
THREADED CONNECTIONS in Inches	2"	2"	3"	3"
TOTAL WEIGHT Kg	110	130	170	200

MAXIMUM TIME OF USE OF THE COMPRESSOR: 3/4 MINUTES

MAXIMUM SUPPORTABLE TEMPERATURE: 90/100 °C

WEAR OF THE VANES MUST NOT EXCEED 4MM.

DATA OBTAINED FROM TESTS CARRIED OUT IN WATER BY THE MACHINE LABORATORY OF THE ENGINEERING FACULTY OF BOLOGNA UNIVERSITY