

HYDRAULIC AGGREGATES TYPE HAK

Use and description:

Hydraulic aggregates KOEXPRO type **HAK** are used as a source of pressure liquid for feeding of hydraulic equipment with corresponding characteristics. They have been designed and constructed for using in mining conditions. The flow rate and output pressure are characteristics different of various aggregate types. KOEXPRO a.s. company is able to produce- based on customers' requirements- hydraulic aggregates with other characteristics. The aggregates meet all safety conditions.



Characteristics:

Type		HAK 30/250	HAK 30/280	HAK 56/200	HAK 100/200	HAK 100/125	HAK 100/280
Total input	kW	15	15	22	55	30	30
Max. pressure	MPa	25	28	20	20	16	28
Nominal operation pressure	MPa					12,50	25/16/16
Max. flow rate of the liquid	dm ³ .min ⁻¹	30	30	56	100	100	53/27/15
Working medium		hydraulic liquid having a viscosity of 46 mm ² .s ⁻¹ at 40°C				emulsion HFA with min. 1.50% concentration	
Filtration in output	µm	10	10	10	10	10	10
Temperature range of the liquid in tank	°C	5 ÷ 60	5 ÷ 60	5 ÷ 60	5 ÷ 60	5 ÷ 60	5 ÷ 60
Voltage	V	500	500	500	500	500	500
Electrical motor speed	rpm	1 472	1 472	1 472	1 472	1 472	1 472
Dimensions w x h x l	mm	800x1 200x2 300	800x1 200x2 300	800x1 300x2 800	800x1 550x3 000	750x1 150x2 500	880x1 280x3350
Weight	kg	830.0	860.0	1 200.0	1 650.0	1 400.0	1 510.0
Hose connections for P and T	type	acc. to customer's requirement				STECK DN 20/13/8	DN 25; DKOL M 36x2
Used for equipment	type	SZZH 6	SL 1.7	TKH 12	MZK 3	KTX 150	

Type marking:

HAK 100/280

HAK HYDRAULIC AGGREGATE KOEXPRO
100 max. flow rate of liquid dm³.min⁻¹
280 max. operation pressure bares

The product has been designed and constructed as the equipment group I (mine), category M2 according to the Directive 94/9/EC-ATEX of the European Parliament and of the Council and meets the requirements for using in areas "hazardous atmospheric conditions 2" according to EN 1127-2+A1 on condition that all employer's regulations are fulfilled.

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