

Types of control and technical characteristics*

Features / Versions

Version A : motor 3 phases with direct control

Version B : motor 3 phases with low voltage control

3 phase hoists (400 V/415 V/3 Ph/50 Hz) with direct voltage control (ACF board)	●	▲
3 phase hoists (400 V/415 V/3 Ph/50 Hz) with low voltage control (48V)	▲	●
BGV-D8 version	●	●
BGV-D8+ "ready" version	● ⁽¹⁾	● ⁽¹⁾
Complies with standards : CE, CSA, GOST	●	●
Easy changeover for using motor in climbing hoist configuration or industrial suspension	●	●
Hoist delivered with black electro galvanized chain (except SR25)	●	●
"CHAINFlux® MKII" specially designed chain guide	●	●
"Limitflux®" : magnetic limit switch (SR5 and SR10 1 fall)	▲	●
Electric limit switch on SR1, 2, 10 (2 falls) and 25	▲	●
Electric limit switches (for version with industrial chain guide)	▲	○
"PerfectPush®" : new load wheel with 5 pockets and 5 intermediate guide teeth	●	●
Class F hoisting motor	●	●
Adjustable torque limiter	●	●
2 brake system	●	●
1 brake system	○	○
Self adjusting, maintenance free, DC disk brake	●	●
Available power supply : 460 V/3 Ph/60 Hz	○	○
Available power supply : 230 V/1 Ph/50 Hz (SR1 & SR5)	▲	○
Black painted hoist body (RAL 7021)	●	●
Rotating upper and lower hooks	●	●
Upper hook fixed and lower hook rotating (industrial suspension configuration)	○	○
Retractable, rubber clad ergonomic handgrips (except SR1 in option and not available on SR25)	●	●
Lifting hook has an ergonomic, rubber clad, gripping surface	●	●
High capacity, reversible chain bag	●	●
Standards connection cable : CE plug P17 type, 4 poles 16A (red : power supply/control)	●	▲
CE plug P17 type, 4 poles 16A (red : power supply and yellow : control)	▲	●

● Standard ○ Option ▲ Not available

⁽¹⁾ After setting of hoist torque limiter to obtain nominal load divided by 2.

Specifications

	Load capacity	D8 Models (D8+ Ready)	D8+ Models	Hoist speed 50Hz	Number of falls	Chain size (mm)	Motor power kW	Dimensions with 2 brakes			Weight of hoist body without chain (kg)	Weight of lifting chain per m ⁽⁶⁾ (kg)
								A mm	B mm	C mm		
nouveau	125		SR1 124 m1 A	4	1	4 x 11	0,19	344 ⁽¹⁾	153	100	10,4	0,37
			SR5 1216 m1 A	16	1	5 x 14	0,45	502 ⁽³⁾	280	164	30,5	0,56
nouveau	160		SR2 164 m2 A	4	1	4 x 11	0,23	477 ⁽²⁾	240	140	20,1	0,37
			SR2 168 m2 A	8	1	4 x 11	0,45	477 ⁽²⁾	240	140	20,1	0,37
nouveau			SR1 254 m1 A	4	1	4 x 11	0,19	344 ⁽¹⁾	153	100	10,4	0,37
			SR1 252 m1 A	2	2	4 x 11	0,19	344 ⁽¹⁾	153	100	10,4	0,37
	250		SR5 254 m2 A	4	1	5 x 14	0,45	502 ⁽³⁾	280	164	30,5	0,56
			SR5 258 m2 A	8	1	5 x 14	0,9	502 ⁽³⁾	280	164	30,5	0,56
			SR5 2516 m1 A	16	1	5 x 14	0,9	502 ⁽³⁾	280	164	30,5	0,56
			SR10 2516 m1 A	16	1	7 x 20	1,8	544 ⁽⁴⁾	335	181	44,6	1,1
nouveau	320		SR2 324 m2 A	4	1	4 x 11	0,23	477 ⁽²⁾	240	140	20,1	0,37
			SR2 328 m1 A	8	1	4 x 11	0,45	477 ⁽²⁾	240	140	20,1	0,37
nouveau			SR1 502 m1 A	2	2	4 x 11	0,19	344 ⁽¹⁾	153	100	10,4	0,37
			SR5 504 m1 A	4	1	5 x 14	0,45	502 ⁽³⁾	280	164	30,5	0,56
			SR10 504 m2 A	4	1	7 x 20	0,9	544 ⁽⁴⁾	335	181	44,6	1,1
	500		SR5 508 m1 A	8	1	5 x 14	0,9	502 ⁽³⁾	280	164	30,5	0,56
			SR10 508 m1 A	8	1	7 x 20	1,8	544 ⁽⁴⁾	335	181	44,6	1,1
			SR10 516 m1 A	16	1	7 x 20	1,8	544 ⁽⁴⁾	335	181	44,6	1,1
	800		SR10 804 m1A	4	2	7 x 20	1,8	544 ⁽⁴⁾	335	181	44,6	1,1
			SR10 1004 m2A	4	1	7 x 20	0,9	544 ⁽⁴⁾	335	181	44,6	1,1
	1000		SR10 1004 m1A	4	2	7 x 20	1,8	544 ⁽⁴⁾	335	181	44,6	1,1
			SR10 1008 m1A	8	1	7 x 20	1,8	544 ⁽⁴⁾	335	181	44,6	1,1
nouveau	1250		SR25 1204 m1A	4	1	11,3 x 31	3,6	649 ⁽⁵⁾	393	205	98	2,85
			SR25 1208 m1A	8	1	11,3 x 31	3,6	649 ⁽⁵⁾	393	205	98	2,85
	1600	SR10 1604 m1A		4	2	7 x 20	1,8	544 ⁽⁴⁾	335	181	44,6	1,1
	2000	SR10 2004 m1A		4	2	7 x 20	1,8	544 ⁽⁴⁾	335	181	44,6	1,1
			SR25 2504 m2A	4	1	11,3 x 31	3,6	649 ⁽⁵⁾	393	205	98	2,85
nouveau	2500		SR25 2504 m1A	4	2	11,3 x 31	3,6	649 ⁽⁵⁾	393	205	98	2,85
			SR25 2508 m1A	8	1	11,3 x 31	3,6	649 ⁽⁵⁾	393	205	98	2,85
	5000		SR25 5004 m2A	4	2	11,3 x 31	3,6	649 ⁽⁵⁾	393	205	98	2,85

⁽¹⁾ Simple brake version D8 : A = 307 mm.

⁽²⁾ Simple brake version D8 : A = 425 mm.

⁽³⁾ Simple brake version D8 : A = 472 mm.

⁽⁴⁾ Simple brake version D8 : A = 507 mm.

⁽⁵⁾ Simple brake version D8 : A = 587 mm.

⁽⁶⁾ For double fall model multiply value by 2.

