

IY45 Hydraulic transmission drives series

Model	Total displacement (ml/rev)	Rated torque (N.m)		Speed(r/min)	Motor model	Planetary gearbox	Brake	Optional distributor
		16 MPa	20 MPa					
IY45-11900 ***	11928	23000	29000	0.2-15	INM3-425	C45 (i=28)	234	D47
IY45-13600 ***	13608	25000	33000		INM3-500			
IY45-16600 ***	16660	32000	38000	INM3-600				

Note: Total displacement is determined by hydraulic motor displacement multiplies transmission ratio of planetary gearbox.
 Rated torque is the output torque considering pressures lose of 2MPa and transmission efficiency when the system pressure is 16MPa or 20MPa.
 Transmission efficiency includes mechanical and volumetric efficiency of hydraulic motor and mechanical efficiency of planetary gearbox. If the working pressure is higher than 16MPa, please add a relief valve on the brake.

